

| State                  | University                              | Valid Until                                      | Soil Related                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| Albania                | University of Tirana                    | Mobility project (2024-2027)                     | The University of Tirana does include soil-related themes within broader natural science and environmental research contexts, but it is not a core soil science or agronomy institution.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Argentina              | Universidad Nacional del Chaco Austral  | Mobility project (2023-2026)                     | The Universidad Nacional del Chaco Austral does have activities connected to soil — particularly through its Agricultural Engineering programme, which includes courses on soil conservation and management and prepares students for practical work on soil systems within agricultural and environmental contexts. Soil topics appear as part of applied agronomy education, even if the university doesn't have a separate soil science faculty.                                                                                                                                                                                                                                                                                                                                                                                               |
| Armenia                | Armenian National Agrarian Universitiy  | MoU do 24.2.2028<br>Mobility project (2024-2027) | agrarian university                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Austria                | Universität für Weiterbildung Krems     | IIA                                              | The University for Continuing Education Krems does have activities where soil appears as part of environmental and sustainability research, particularly in soil protection, land governance, and ecological education contexts. But it is not a classic soil science university with dedicated soil laboratories or agricultural soil study programmes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                        | Vienna University of Technology         | IIA                                              | TU Wien does engage with soil research, but not primarily as a traditional soil science institution. Its strengths lie in:<br>Engineering and mechanics of soil<br>Monitoring soil moisture and surface conditions via satellite data<br>Applied land-use and soil awareness projects<br>This makes it a solid partner in projects where soil intersects with engineering, environmental monitoring, climate adaptation, and planning, rather than classical agricultural soil science.                                                                                                                                                                                                                                                                                                                                                           |
| Bhutan                 | Royal University Bhutan                 | Mobility Project (2022-2025)                     | The Royal University of Bhutan does include soil-related education and research, primarily through its College of Natural Resources, which offers agricultural and environmental degree programmes that integrate soil science components. Although it doesn't have a separate soil science department, RUB provides:<br>✓ BSc programmes where soil science is taught (e.g., Agriculture, Organic Agriculture)<br>✓ Interdisciplinary education linking soil with ecology, climate and natural resource management<br>✓ Opportunities for applied soil understanding in ecosystem and sustainable agriculture contexts                                                                                                                                                                                                                           |
| Bosnia and Herzegovina | Tuzla University                        | Mobility project (2024-2027)                     | The University of Tuzla does engage with soil-related education and research, especially through:<br>✓ Agronomy and soil courses within the Faculty of Technology<br>✓ Scientific research on soil contamination and soil chemistry<br>✓ Soil analyses via geography and environmental science<br>✓ Interdisciplinary investigations where soil interacts with land use and environmental quality                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                        | University of Mostar                    | Mobility project (2024-2027)                     | The University of Mostar does engage with soil-related education and research, mostly through:<br>✓ Agricultural and environmental programmes (Agro-Mediterranean Faculty)<br>✓ Soil and environmental management studies<br>✓ Engineering soil applications<br>✓ Research involving soil in landscape, agroecosystem and ecological contexts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                        | Sofia University "St. Kliment Ohridski" | IIA                                              | Soil-related activities<br>Research on soil organic matter and soil processes is carried out in cooperation with the university's Biological Faculty and research institutes, including studies on humus substances and soil carbon.<br>Scientists affiliated with the university have conducted soil sampling and analysis projects, for example studying fungal biodiversity in soils near the Bulgarian Antarctic base and analyzing soil layers and composition.<br>The university also maintains experimental botanical and educational grounds used for teaching and research involving plants, ecosystems, and soil conditions.<br>Through collaborations with geotechnical research groups, postgraduate programs also address soil improvement, terrain assessment, and ground investigations for environmental and engineering purposes |

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| Bulgaria |                                                                            |                              | Soil-related activities<br>The university has participated in the MCSoil project, which focuses on identifying and monitoring contaminated soils and assessing soil quality using innovative monitoring methods.<br>Researchers affiliated with the university have studied soil contamination (e.g., copper accumulation in soils) and environmental impacts of industrial pollution on soil layers.<br>Soil-related topics also appear in geography and environmental protection research and conferences, including studies of soil temperature and environmental conditions in mountain river basins                                                                                                                                                                          |
|          | South-West University "Neofit Rilski                                       | IIA                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|          | St. Cyril and St. Methodius University in Veliko Tarnovo                   | MoU open-ended, IIA          | the university has some soil-related research activity, particularly within its geography and environmental research area, including work on soil health assessment using remote sensing data. However, it does not appear to host a dedicated soil science department comparable to those at major agricultural or natural sciences universities                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|          | Prof. Dr. Assen Zlatarov University in Burgas                              | MoU open-ended, IIA          | While Assen Zlatarov University is not primarily a soil science institution, it has research and academic activities in environmental and natural sciences that involve soil-related topics, particularly in monitoring, ecology and environmental systems. These activities are typically embedded in broader environmental projects rather than standalone soil science programmes.                                                                                                                                                                                                                                                                                                                                                                                             |
| Cambodia | National University of Management, Phnom Penh                              | Mobility project (2024-2027) | The National University of Management does not currently have major dedicated activities specifically on soil science (e.g., soil research, soil ecology, soil science courses, or fieldwork) in its official academic and research structures. Any potential soil-related content would be indirect and potentially tied to broader environmental, policy, or sustainability projects facilitated through research centres rather than dedicated soil programmes.                                                                                                                                                                                                                                                                                                                |
| Columbia | Colegio Mayor de Nuestra Senora del Rosario Corporacion sin Animo de Lucro | Mobility project (2023-2026) | Universidad del Rosario does not offer a formal soil science or agronomy programme, but it does engage with soil-related areas through its environmental and Earth sciences teaching and research activities. Soil is studied as part of broader systems such as ecology, hydrology, land use and climate change. This makes the university relevant for interdisciplinary soil-environment research rather than core agronomic soil science.                                                                                                                                                                                                                                                                                                                                     |
| Croatia  | Jural Dobrila University of Pula                                           | IIA                          | Summary of Soil-Related Activities at Juraj Dobrila University, Pula<br>Marine Science programme with hands-on work in sediments, coastal environment and ecology — linking terrestrial soil processes with marine continuum.<br>Interdisciplinary landscape archaeology research involving soil and sediment analysis to interpret environmental and human-landscape change.<br>Environmental components in related research and teaching, including participation in science outreach and sustainability discussions                                                                                                                                                                                                                                                            |
|          | Sveučilište Josipa Jurja Strossmayera u Osijeku                            | MoU open-ended               | Sveučilište Josipa Jurja Strossmayera u Osijeku has defined soil-related activities through: courses in soil science and pedology; a department engaging in soil and environmental research; published scientific studies on soil ecological functions and soil properties; graduate student research focusing on soil.<br>Overall, while the university isn't exclusively a soil science institution, soil research and soil-related academic activity are embedded in its agricultural and environmental sciences programs                                                                                                                                                                                                                                                      |
|          | University of Dubrovnik                                                    | IIA                          | Soil Related Context at University of Dubrovnik<br>Main academic relevance<br>Environmental/ecology programmes (Applied Marine Ecology, Mariculture) that involve ecosystem and environmental science, including sediment/soil related processes in marine and coastal contexts.<br>🔗 Indirect research links<br>Research involving field sampling and environmental analysis (e.g., marine substrate studies) that bridges ecological science and soil like environmental investigation.<br>Scientific engagement<br>Co organized scientific events in coastal environmental science, relevant to sediment/soil dynamics at land sea interfaces.<br>What is absent<br>The university does not have a dedicated soil science or pedology department focused on terrestrial soils. |
|          | University of Split                                                        | IIA                          | At the University of Split, soil-related activities are integrated into:<br>Education:<br>Mediterranean Agriculture programme with soil and land management content.<br>Laboratory & Engineering:<br>Geotechnical soil testing for engineering and soil material research.<br>Research:<br>Soil incorporated into natural resources and ecological research topics.<br>Student Work:<br>Student theses and projects involving soil contamination and environmental assessment.                                                                                                                                                                                                                                                                                                    |

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|  | University of Zadar                  | IIA | <p>At the University of Zadar, soil-related work appears across several areas:</p> <p>Soil ecology &amp; soil organic matter research, particularly in agricultural contexts.</p> <p>Biodiversity studies of soil surface fauna in vineyard soils and agroecosystems.</p> <p>Spatial soil analysis and erosion modelling using GIS and remote sensing.</p> <p>Geospatial technologies supporting soil and landscape research (Center for Geospatial Technologies).</p> <p>Participation in soil monitoring projects, e.g., pesticide residue evaluation in soils (PESCAR).</p> <p>Student environmental and sediment research with soil relevance</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  | Brno University of Technology        | IIA | <p>Geotechnical engineering and soil mechanics</p> <p>At the Faculty of Civil Engineering, the Institute of Geotechnics conducts teaching and research on soil mechanics, engineering geology, foundation engineering, and earth structures, focusing on the behavior and properties of soils in construction and infrastructure.</p> <p>Soil testing and laboratory analysis</p> <p>The institute performs laboratory tests of soils and rocks and supports practical engineering projects through soil analysis and modelling.</p> <p>Research on soil properties and stability</p> <p>Studies and student research examine geotechnical characteristics of soils, soil classification, and suitability of soils for building foundations, including laboratory and field investigations of soil samples.</p> <p>Engineering modelling of soil–structure interaction</p> <p>Researchers also work on numerical modelling of soil behavior, analysing deformation, stability of earth structures, and interactions between soil and engineering structures.</p>                                                           |
|  | Charles University                   | IIA | <p>Soil science in geography and geoecology</p> <p>At the Faculty of Science, the Department of Physical Geography and Geoecology teaches and researches soil science as part of physical geography, including soil formation, soil processes, and landscape–soil interactions.</p> <p>Environmental geochemistry and soil contamination studies</p> <p>Research groups at the Institute of Geochemistry investigate pollutants and metals in soils, including arsenic and other contaminants from mining or industrial sources and how they behave in soil environments.</p> <p>Geology and environmental research involving soils</p> <p>The Institute of Hydrogeology, Engineering Geology and Applied Geophysics studies environmental protection, geochemical processes, and near-surface Earth systems, where soils and soil mechanics are part of geological and environmental investigations.</p>                                                                                                                                                                                                                  |
|  | Czech Technical University in Prague | IIA | <p>Geotechnical and soil mechanics research</p> <p>At the Faculty of Civil Engineering, the Department of Geotechnics teaches and researches soil mechanics, engineering geology, and hydrogeology, focusing on the physical and mechanical properties of soils and their interaction with structures.</p> <p>Soil testing laboratories</p> <p>CTU's Klokner Institute operates a Geotechnical (Soil Mechanics) Laboratory that performs tests such as grain-size analysis, density measurements, Proctor tests, and other experiments to evaluate soil stability and suitability for construction sites.</p> <p>Research on soil improvement and stabilization</p> <p>CTU researchers publish studies on soil stabilization and improvement methods, including research on additives that improve soil strength and durability for engineering applications.</p> <p>Engineering studies of soil–structure interaction</p> <p>Research also examines problems such as swelling clay soils affecting building foundations and industrial floors, highlighting the importance of soil conditions in construction design.</p> |

## Czechia

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| Czech University of Life Sciences | IIA            | <p>Soil science and pedology research</p> <p>The Faculty of Agrobiology, Food and Natural Resources conducts research on soil properties, soil fertility, soil classification, and sustainable soil management, including studies on soil organic matter, nutrient cycles, and soil chemical and physical characteristics. (af.czu.cz)</p> <p>Soil ecology and environmental monitoring</p> <p>Research includes soil contamination monitoring, remediation techniques, and effects of pollutants on soil health, linking soil science with environmental protection and sustainable land use. (af.czu.cz)</p> <p>Practical soil analysis and laboratory work</p> <p>Students conduct hands-on soil testing, including texture, nutrient content, pH, and water retention analysis, as part of agriculture, forestry, and environmental studies programs. (af.czu.cz)</p> <p>Research projects on soil improvement and sustainable management</p> <p>Projects focus on soil fertility improvement, erosion control, organic amendments, and sustainable agricultural practices, often in collaboration with international research networks. (af.czu.cz)</p> |
| Ostrava University                | IIA            | <p>Soil-related activities</p> <p>Soil and environmental research</p> <p>The Faculty of Science conducts studies on soil contamination, soil properties, and soil ecology, often linking soil quality to environmental pollution, land use, and ecosystem health. (osu.cz)</p> <p>Soil-plant interactions</p> <p>Research projects investigate how soil properties affect vegetation, including studies of heavy metals in soil and their uptake by plants in urban and industrial areas. (osu.cz)</p> <p>Laboratory and field studies</p> <p>Students and researchers perform soil analysis, including chemical, physical, and biological testing, as part of environmental and ecological studies. (osu.cz)</p> <p>Environmental monitoring and remediation projects</p> <p>Some projects focus on soil remediation, sustainable land use, and monitoring of soil quality in areas affected by industrial activity or urban development.</p>                                                                                                                                                                                                               |
| Palacký University Olomouc        | IIA            | <p>Geography research on soil conditions – Researchers from the Faculty of Science have conducted studies on soil temperature and soil processes in urban environments, analysing soil variability and environmental influences.</p> <p>Environmental and Earth science programs – The Department of Geology provides education and research in geology and environmental sciences, including fieldwork and environmental analysis that involve soil and near-surface processes.</p> <p>Research connected to soil salinity and plant resilience – Projects at the Faculty of Science examine plant resistance to drought and soil salinity, linking soil conditions to agricultural and ecological research.</p> <p>Landscape and ecosystem research – Environmental studies at the university also address land use, ecosystem services, and landscape ecology, where soil is an important component of ecosystems.</p>                                                                                                                                                                                                                                    |
| Masaryk University Brno           | MoU open-ended | <p>Masaryk University engages in soil-related science primarily within environmental research, including: soil contamination and ecology, soil-environment interactions, ecosystem services modelling, participation in European soil research projects.</p> <p>These activities span research, project collaborations and some teaching content rather than a dedicated soil science department.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Mendel University Brno            | IIA            | <p>Soil-related activities</p> <p>Soil science and pedology research</p> <p>The Faculty of AgriSciences has a Department of Soil Science, conducting research on soil fertility, soil classification, soil chemistry, and sustainable soil management, including nutrient cycles and soil organic matter. (mendelu.cz)</p> <p>Soil ecology and environmental monitoring</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Tomas Bata University Zlín        | IIA            | <p>Soil-related activities</p> <p>Soil and environmental monitoring</p> <p>UTB conducts research on soil contamination, soil quality, and remediation, often in connection with environmental protection projects and sustainable land use. (utb.cz)</p> <p>Agricultural and ecological studies</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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|       | University J.E.Purkyne                          | MoU 18.9.2028, IIA           | UJEP does engage in soil-related science primarily through: environmental and ecological research, soil remediation and soil–plant interaction studies, landscape reclamation projects, interdisciplinary doctoral research involving soils and ecosystems. These activities show that the university's research in soil-connected fields exists, though it is embedded within environmental science, ecology and landscape studies, rather than a standalone soil science department like at some agricultural universities.                                                                                                                                                                                                                        |
|       | University of Chemistry and Technology          | IIA                          | At VŠCHT Praha, soil-related activities are primarily embedded within its environmental chemistry and environmental technology disciplines, spanning:<br>Teaching on soil contamination and environmental protection.<br>Research into soil decontamination methods, microbial soil processes, and analytical methods for assessing soil pollutants.<br>Student thesis work involving soil health and agricultural applications                                                                                                                                                                                                                                                                                                                      |
|       | University of Hradec Králové                    | IIA                          | Soil-related activities<br>Environmental and botanical research – At the Faculty of Science, the Division of Botany and Environmental Protection studies ecosystems, landscapes, and environmental factors, which include soil conditions as part of ecological research.<br>Research on soil contamination and plant–soil interactions – Projects have examined how elements such as chromium, nickel, lead, and cadmium accumulate in plants depending on their concentrations in soil, linking soil chemistry with environmental monitoring.<br>Field and laboratory research by students – Soil and environmental analyses are also carried out in student research projects and theses, often connected to ecological or environmental studies. |
|       | University of South Bohemia in Ceske Budejovice | IIA                          | Soil-related activities<br>Soil science and agroecology research<br>The Faculty of Agriculture conducts research on soil fertility, soil chemistry, soil management, and sustainable agriculture. Studies often focus on nutrient cycles, organic matter, and soil conservation practices. (af.czu.cz)<br>Soil contamination and environmental monitoring<br>Research projects analyze pollution in soils, including heavy metals and pesticides, linking soil studies with environmental protection and remediation. (prf.jcu.cz)<br>Forestry and soil-ecosystem interactions                                                                                                                                                                       |
|       | University of West Bohemia in Pilsen            | IIA                          | Soil and environmental research<br>The Faculty of Applied Sciences conducts studies on soil contamination, remediation, and environmental monitoring, including investigations of heavy metals, pollutants, and soil quality in urban and industrial areas. (fap.zcu.cz)<br>Geotechnical and civil engineering soil studies<br>At the Faculty of Civil Engineering, research focuses on soil mechanics, soil stabilization, and engineering properties of soils for construction and infrastructure projects. (fsv.zcu.cz)<br>Laboratory soil analysis<br>Students and researchers perform laboratory testing of soils, including texture, compaction, permeability, and chemical composition,                                                       |
| Egypt | British University in Egypt                     | Mobility project (2024-2027) | The British University in Egypt participates in soil-relevant research and activities mainly through interdisciplinary environmental and agricultural projects, such as sustainable water/land management in agriculture, agrivoltaics, and broader sustainability research and education.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|       | Mansura University                              | Mobility project (2024-2027) | Faculty of Agriculture — Department of Soil<br>The Faculty of Agriculture includes a Department of Soil and offers Soil & Water as an academic programme, covering soil science, soil properties, soil fertility and related topics.<br>Soil fertility and testing laboratory<br>Mansoura University houses an accredited laboratory for soil fertility tests and fertilizer quality control, which analyses soil nutrient status and supports soil research and training.<br>Faculty research projects involving soil<br>Research projects at the Faculty of Agriculture include studies on soil management in new reclaimed lands, revegetation of sandy soils using                                                                               |

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| Estonia | Tallin University                  | IIA | While Tallinn University itself does not run a specialised soil science department, it engages in environmental and ecological research that intersects with soil and ecosystem processes, especially through the Institute of Ecology — with emphasis on wetland ecosystems (peatlands) and interactions among soil, water, vegetation, and climate. Students interested in soil-related environmental studies can participate in relevant research and projects offered by this institute.                                                                                                                                                                       |
|         | University of Tartu                | IIA | At the University of Tartu, soil-related activity is multidisciplinary and spans:<br>Soil ecology & biodiversity studies (Soil Ecology Workgroup),<br>Landscape and soil-environment interactions (Physical Geography, Environmental Technology),<br>Root and soil process research (Root Ecology Lab),<br>Environmental and greenhouse gas studies (Environmental Technology Lab),<br>National soil database development (EstSoil-EH project),<br>Geology foundations relevant to soil origins and development.<br>These activities contribute to both teaching and research related to soils, soil ecosystems, and environmental processes at local and regional |
| France  | CY Cergy Paris Université          | IIA | Summary — Soil-Related Activities at CY Cergy Paris Université<br>Education:<br>BSc in Earth & Environment Sciences with explicit soil description and field skills.<br>Research Institutions:<br>ISTeP — geoscience research including soil/rock interaction and environmental processes.<br>GEC Laboratory — studies geological materials and environment at multiple scales.<br>Applied Projects:<br>Research on soil-cement engineering for sustainable infrastructure.                                                                                                                                                                                        |
|         | Université de Limoges              | IIA | The university engages in soil research mainly through:<br>GRESE (Research Group on Water, Soil and the Environment) — studying soil contamination, pollutant transfer, and remediation science.<br>E2Lim (Water & Environment Limoges) — focusing on environmental pollutant dynamics, soil quality, and sustainable management.<br>Academic teaching and research supervision integrating soil science into environmental science degrees.                                                                                                                                                                                                                       |
|         | Université de Lorraine, Nancy      | IIA | Summary — Soil-Related Activities at Université de Lorraine<br>Research:<br>Soil characterization, contamination, remediation, ecology, and ecosystem services (via LSE).<br>International cooperation on contaminated land research and phytoremediation (ECOLAND).<br>Education:<br>Bachelor and Master programmes with soil content — from basic pedology to advanced soil-environment management.<br>Soil science teaching integrated with practical lab and field work.<br>Academic Expertise:<br>Faculty engaged in soil biodiversity, remediation engineering, and ecosystem services from soils.                                                           |
|         | Université de Picardie Jules Verne | IIA | UPJV's soil-relevant activities mainly occur through:<br>Research in ecology and landscape dynamics — especially soil processes within peatlands, forests, and heterogeneous landscapes (via EDYSAN).<br>Doctoral and thesis projects linked to soil ecological function, carbon cycling, and soil–ecosystem interactions.<br>Environmental science education within the Faculty of Science (Sciences de la Vie et de la Terre).<br>Student seminars and events on wetland and ecosystem management, linking soil and ecological issues                                                                                                                            |
|         | Université de Rouen Normandie      | IIA | At the Université de Rouen Normandie, soil-related activity is mainly research-driven and centered on:<br>Soil ecology and biodiversity (especially at the *interface of soils and vegetation).<br>Soil organic matter dynamics and nutrient cycling.<br>Analytical soil science methods for characterizing soil chemical and biological properties.<br>Teaching soil science concepts in ecology, biodiversity, and environmental courses.                                                                                                                                                                                                                        |

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| Germany | Albert-Ludwigs-Universität, Freiburg         | IIA | Albert-Ludwigs-Universität Freiburg has strong soil expertise, particularly in:<br>Soil science and ecology<br>Forest and ecosystem soils<br>Soil carbon and climate interactions<br>Environmental monitoring and applied soil research                                                                                                                                                                                                                                                                              |
|         | Goethe University Frankfurt                  | IIA | Goethe University Frankfurt conducts soil-related activities mainly in:<br>soil ecology and biodiversity<br>soil geochemistry and environmental monitoring<br>soil carbon and climate change interactions<br>soil–plant–ecosystem studies<br>The focus is therefore environmental and ecosystem soil research, not agricultural soil management.                                                                                                                                                                     |
|         | Hochschule Anhalt                            | IIA | Hochschule Anhalt (Köthen/Bernburg) has soil-related activities mainly in:<br>soil analysis and environmental laboratories<br>experimental agricultural fields<br>sustainable land management research<br>environmental monitoring and landscape ecology<br>The focus is applied soil management and environmental sustainability, rather than a large theoretical soil science department.                                                                                                                          |
|         | Katholische Universität Eichstätt-Ingolstadt | IIA | soil geography and soil erosion<br>landscape ecology and ecosystem research<br>floodplain and river landscape studies<br>sediment dynamics and geomorphology<br>environmental monitoring using GIS and modelling<br>The focus is therefore environmental and landscape-based soil research, rather than agricultural soil management.                                                                                                                                                                                |
|         | Leipzig University                           | IIA | soil biodiversity and soil ecology<br>soil–climate interactions and carbon cycling<br>soil–plant system analysis using remote sensing<br>ecosystem and Earth system science<br>sustainable land-use and environmental change studies<br>The focus is therefore ecological and environmental soil research, rather than agricultural soil management.                                                                                                                                                                 |
|         | Otto-Friedrich-Universität Bamberg           | IIA | physical geography and environmental geography<br>geoarchaeology and paleoenvironment reconstruction<br>soil erosion and landscape evolution studies<br>land-use and environmental history<br>However, compared with agricultural universities, its soil activities are more oriented toward landscape history, environmental processes, and geoarchaeology, rather than agricultural soil management.                                                                                                               |
|         | Philipps Universität, Marburg                | IIA | Soil ecology and soil biodiversity<br>Soil biogeochemistry and nutrient cycling<br>Environmental and soil chemistry<br>Plant–soil interactions<br>Field-based ecosystem research<br>The university's soil focus is environmental and ecosystem science oriented, rather than classical agricultural soil management.                                                                                                                                                                                                 |
|         | Universität Bremen, Brémy                    | IIA | Soil biogeochemistry (C/N cycling)<br>Soil microbial ecology<br>Soil–climate interactions<br>Environmental soil monitoring and contamination studies<br>Soil in ecosystem and biodiversity research<br>The work is primarily environmental and Earth system oriented, rather than classical agricultural soil science.                                                                                                                                                                                               |
|         | Vechta Universität                           | IIA | Summary – What This Means<br><input checked="" type="checkbox"/> Yes: The University of Vechta has soil related activities, especially in education, awareness and sustainability contexts (not soil lab research).<br>♀ The main soil link is through the LOESS project and geography education focusing on soil health and functions.<br>■ There is no indication of large scale soil laboratory research or detailed soil chemistry/biophysics groups like at agricultural or environmental science universities. |

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| Georgia | Ivane Javakhshvili Tbilisi State University | Mobility project (2024-2027) | Ivane Javakhishvili Tbilisi State University is actively involved in soil-relevant research and education through environmental contamination studies, Earth sciences and geography programmes that cover soil processes, interdisciplinary publications and conference research on soil pollution and soil ecology.                                                                                                                                                                                                                                                                                                                                                              |
| Greece  | University of Aegean                        | IIA                          | At the University of the Aegean (primarily within the Department of Environment):<br>Soil science appears as a taught course, covering soil properties, formation, management, and degradation.<br>Soil-relevant topics are integrated into environmental and ecosystem research, especially in Mediterranean islands, landscapes and environmental change studies.<br>Graduate research often involves soil elements linked with environmental modelling and habitats.                                                                                                                                                                                                           |
|         | University of Peloponnese                   | IIA                          | Soil Education:<br>Core soil science and management courses integrated into the Agriculture degree (soil science, soil fertility, soils management).<br>Laboratories & Field Training:<br>Well-equipped soil labs plus practical field facilities for soil and crop studies.<br>Applied Soil Research:<br>Research embedded in agricultural sciences (soil quality, sustainability & crop production).                                                                                                                                                                                                                                                                            |
|         | University of Western Macedonia             | IIA                          | At UoWM, activities touching on soil science are mainly integrated into agriculture and environmental programmes, including:<br>Soil and land use education through the Department of Agriculture (soil management in farming, crop systems, sustainable land use).<br>Applied research and projects involving soil restoration, sustainable agriculture and environmental monitoring (Horizon Europe URSOILL, water-food-soil integration projects).<br>Regional and agricultural landscape analysis that incorporates soil and land system research outputs.<br>Environment and sustainability education across interdisciplinary programmes that include soil-relevant themes. |
| Hungary | Eotvos Lorand University Budapest           | IIA                          | At ELTE, soil research exists mainly in environmental and Earth sciences, focusing on:<br>soil formation and soil profiles<br>soil–climate and soil–land use interactions<br>paleosols and environmental history<br>landscape ecology and environmental geography<br>However, compared to agricultural universities (e.g., Debrecen or MATE), ELTE’s soil work is more geoscience and environmental-system oriented rather than agricultural soil management.                                                                                                                                                                                                                     |
|         | Széchenyi István University                 | IIA                          | Széchenyi István University has practical soil-related research, mainly focused on:<br>soil health and nutrient management<br>soil monitoring technologies<br>precision and climate-smart agriculture<br>soil improvement through circular economy solutions<br>experimental field trials and farm-based research                                                                                                                                                                                                                                                                                                                                                                 |
|         | University of Debrecen                      | IIA                          | the University of Debrecen has strong soil-related expertise, particularly in:<br>soil science and agrochemistry<br>soil fertility and soil protection<br>sustainable land use and precision agriculture<br>soil–plant interactions and ecosystem processes.<br>✔ If you want, I can also identify specific research groups or professors working on soil there (useful if you are looking for partners for a project such as Horizon Europe, climate/soil missions, or ICH-environment links).                                                                                                                                                                                   |

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|        | University of Szeged                   | IIA                                           | soil-related activities at the University of Szeged include:<br>Applied soil science and soil protection<br>Soil contamination and environmental risk assessment<br>Urban soil ecology and pollution studies<br>Soil erosion and land degradation research<br>Sustainable agriculture and precision farming<br>Soil-climate and landscape interaction studies<br>Soil science education and training                                                                                                                                            |
| India  | Marwadi University, Rajkot, Gurajat    | MoU 4.7.2029                                  | Marwadi University does have soil-related activities, particularly through: soil mechanics and geotechnical engineering labs, environmental science curricula covering environmental and soil issues, an agriculture programme with core soil science subjects, lab facilities enabling soil testing and environmental monitoring                                                                                                                                                                                                               |
| Irak   | Bayan University Erbil                 | MoU 1.11.2027                                 | Bayan University in Erbil does not appear to have explicit or well-established activities specifically dedicated to soil science (such as soil research projects, soil courses, or soil laboratories) based on available sources. Their academic and research activities tend to focus on more general sustainability and environmental initiatives rather than detailed soil-focused science.                                                                                                                                                  |
|        | Salahaddin University Erbil            | Mobility project (2023-2026)                  | Salahaddin University-Erbil is involved with soil science, especially through its:<br>✓ School/College of Agricultural Engineering Sciences, which includes Soil Science and Soil & Water departments<br>✓ Agricultural programmes where soil properties, fertility and soil-water management are taught<br>✓ Academic and research connections involving soil and environmental topics                                                                                                                                                         |
|        | Soran University                       | MoU 3.11.2027<br>Mobility project (2023-2026) | Soran University has research and academic activities that relate to soil, particularly through: environmental research labs and GIS/remote sensing with soil measurement capability, civil and environmental engineering courses including soil mechanics, earth-science components within petroleum geosciences, student and faculty research involving soil properties and geochemistry.<br>However, it does not currently appear to have a dedicated standalone soil science department like an agricultural or dedicated pedology faculty. |
| Israel | Bar-Ilan University                    | Mobility project (2024-2027)                  | Bar-Ilan University engages in soil-related scientific activities primarily through environmental biology and ecology research programmes, focusing on soil microbial ecology, community structure, soil properties and vegetation-soil interactions, as well as applied studies connected to sustainable land use and urban soil dynamics                                                                                                                                                                                                      |
|        | Orientale University of Naples, Neapol | IIA                                           | The University of Naples "L'Orientale" does not have substantive activities connected to soil science in the conventional scientific sense (such as agronomy, pedology, soil chemistry, or environmental soil research). Its strength is in humanities and cultural studies, and soil issues would only appear incidentally through interdisciplinary work rather than as an institutional focus.                                                                                                                                               |
|        | Università degli Studi dell'Insubria   | IIA                                           | the University of Insubria (Università degli Studi dell'Insubria) has activities connected to soil, especially through environmental sciences, ecology, sustainable agriculture, earth and landscape studies, and soil quality assessment. Although it does not have a large standalone soil science department similar to classical agronomic universities, soil-related research and teaching are embedded in several academic areas.                                                                                                         |
|        | Università degli Studi di Salerno      | IIA                                           | ✓ soil science and soil chemistry<br>✓ sustainable agriculture and soil management<br>✓ soil contamination and environmental monitoring<br>✓ soil mapping, GIS and landscape research<br>This makes the university a relevant partner for soil-focused research collaborations and educational programmes, especially where soil health, sustainable land use, environmental monitoring and ecosystem services are key themes.                                                                                                                  |
|        | Universtiy of Cagliari                 | IIA                                           | ✓ soil science and soil quality assessment<br>✓ soil function in agroecosystems and environmental monitoring<br>✓ soil stability and ecology in Mediterranean landscapes<br>✓ interdisciplinary environmental and agricultural projects<br>☑ This makes it a strong and relevant partner for soil-focused research collaborations, especially where sustainable land management, soil health, environment and agriculture overlap.                                                                                                              |

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| Italy      | University of Foggia                                             | IIA                                            | <ul style="list-style-type: none"> <li>✓ soil science and agricultural education</li> <li>✓ soil health and sustainable land management research</li> <li>✓ participation in projects addressing soil degradation and resilience</li> <li>✓ environmental sustainability teaching with soil components</li> </ul> <p>➡ While it isn't exclusively a soil science institution like a traditional agronomy or pedology-focused university, Foggia is strongly engaged in soil-related teaching and research tied to agriculture, soil health, and environmental sustainability, making it a good partner for soil-focused</p>                                                |
|            | University of Milan                                              | IIA                                            | <ul style="list-style-type: none"> <li>✓ soil science and soil-plant science courses</li> <li>✓ soil components in agricultural and environmental programmes</li> <li>✓ soil-related topics in natural resource and sustainability education</li> <li>✓ involvement in Earth Sciences research that encompasses soil system sciences</li> </ul> <p>➡ Overall, Milan is a relevant institution for soil-related research and education, especially in soil science, agricultural systems, environmental management and geosciences.</p>                                                                                                                                     |
|            | University of Naples Federico II                                 | IIA                                            | <ul style="list-style-type: none"> <li>✓ teaching in soil science, agronomy and environmental science</li> <li>✓ soil research spanning fertility, contamination, erosion, carbon cycles and sustainability</li> <li>✓ multidisciplinary integration with earth sciences and engineering</li> <li>✓ engagement with national and international soil and environmental projects</li> </ul> <p>➡ Compared with many general universities, Federico II is very relevant for soil science, soil sustainability, agricultural systems and environmental research, making it a strong potential partner for soil-focused research, innovation and educational collaborations</p> |
|            | University of Teramo                                             | IIA                                            | <ul style="list-style-type: none"> <li>✓ agricultural and environmental soil courses;</li> <li>✓ research on soil quality, soil health and soil functions;</li> <li>✓ soil sustainability and climate adaptation studies;</li> <li>✓ practical field and lab infrastructure;</li> <li>✓ involvement in international research collaborations.</li> </ul> <p>➡ Compared to many general universities, Teramo is particularly strong in soil science, agroecosystems and sustainable land management,</p>                                                                                                                                                                    |
|            | University of Trieste                                            | IIA                                            | <ul style="list-style-type: none"> <li>✓ environmental science and ecosystem research</li> <li>✓ soil ecological and soil biogeochemical studies</li> <li>✓ geoecology and landscape analysis</li> <li>✓ soil contamination and environmental chemistry</li> </ul> <p>➡ While soil science at Trieste is not as central as at dedicated agricultural universities, it contributes meaningfully to soil ecology, environmental soil processes, and soil's role in landscapes and ecosystems, making it relevant for multidisciplinary projects involving soil,</p>                                                                                                          |
| Jordan     | Al Hussein Bin Talal University                                  | Mobility project (2024-2027)                   | Al-Hussein Bin Talal University does engage in soil-relevant activities, particularly through environmental sciences, agriculture-linked research and engineering studies that touch on soil properties, soil–water relationships and soil productivity in arid environments, even though it does not have a prominently featured dedicated soil science department in public descriptions.                                                                                                                                                                                                                                                                                |
|            | Applied Science Private University                               | MoU 22.10.2028                                 | ASU has an Applied Science Research Center dedicated to conducting research aligned with national and regional priorities. While this centre covers a range of scientific areas, it provides a platform that could include soil/environment-related research as part of broader sustainability or engineering projects.                                                                                                                                                                                                                                                                                                                                                    |
|            | Mutah University                                                 | Mobility project (2024-2027)                   | Mutah University does have soil-related activities, especially through its *Faculty of Agriculture (soil science and plant production education and labs), agricultural research on soil–water interactions, sustainable land ecosystem projects, and international agricultural research collaborations.                                                                                                                                                                                                                                                                                                                                                                  |
|            | The Hashemite University                                         | MoU 16.10.2028<br>Mobility project (2024-2027) | The Hashemite University has soil-related academic courses and laboratories. It engages in environmental and land-management research that involves soil properties, soil conservation, soil chemistry, and soil-water interactions. It participates in environmental research projects and publications that include soil sciences topics.                                                                                                                                                                                                                                                                                                                                |
|            | The University of Jordan                                         | MoU 22.10.2028                                 | The University of Jordan has academic programmes where soil science is a significant component (e.g., Land, Water and Environment). It supports graduate and doctoral research related to soil, water, environment, and related agricultural systems. The university is involved in soil-related research activities, mostly within environmental and agricultural science contexts.                                                                                                                                                                                                                                                                                       |
| Kazakhstan | Al-Farabi Kazakh National University                             | MoU open-ended                                 | KazNU engages in soil-related scientific activities, including: soil microbiome and ecosystem studies, biofertilizer development for soil health. field excursions and practical exposure to soil science institutions, remote sensing and soil salinity research, soil pollution and environmental monitoring studies. These activities involve both education and research components, even if KazNU doesn't have a standalone soil science department like agricultural universities do.                                                                                                                                                                                |
|            | Karaganda State University named after Academician E. A. Buketov | MoU open-ended                                 | Karaganda State University named after Academician E. A. Buketov has academic and research activities connected to environmental and earth sciences that involve soil-related topics as part of broader study areas. The institution does not have a formally distinct soil science department, but faculty and students do engage with soil in geography, ecology, geology and related research                                                                                                                                                                                                                                                                           |

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| Kenya     | Kenyatta University                  | Mobility project (2022-2025) (2023-2026)     | Kenyatta University is significantly involved in soil-related education and research, covering:<br>✓ Soil and agronomy in agriculture degrees<br>✓ Soil fertility and land–water programmes at master's level<br>✓ PhD training specifically in Soil Science and related fields                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|           | Mount Kenya University               | MoU 9.4.2029<br>Mobility project (2022-2025) | MKU's overall research policy and strategic documents emphasize research and innovation in agriculture, sustainable development and environmental issues, which often include aspects of soil research when linked to crop production, land use, and environmental sustainability. Mount Kenya University does engage in activities that relate to soil through its agricultural research, sustainable farming practice training, and broader environmental research context. However, it does not appear to have a standalone soil science department (like "Soil Science" as a formal unit) visible from public institutional information. Its soil-related work is integrated into agricultural research and environmental/sustainable land use research areas instead |
| Latvia    | Daugavpils University                | IIA                                          | Summary — Soil-Related Activities at Daugavpils University<br>Education<br>Bachelor's in Environmental Science with Earth systems, geology, environmental chemistry and monitoring — foundational for soil study.<br>Research & Conferences<br>Soil-relevant topics appear in scientific conference presentations (e.g., soil treatment effects, soil factors in ecosystems).<br>Field & Laboratory Exposure<br>Field research facilities (e.g., Study and Research Center "Ilgas") support ecological and environmental fieldwork that may involve soil                                                                                                                                                                                                                  |
| Lithuania | Mykolas Romeris Univeristy, Vilnius  | MoU open-ended, IIA                          | Mykolas Romeris University has activities related to soil, most prominently through: participation in EU soil research projects such as InBestSoil focusing on soil ecosystem services and soil health, environmental and land research via its Environmental Management Research Laboratory, involving soil system sciences, publication and research outputs involving soil properties and management. These soil-related engagements are integrated within interdisciplinary environmental research rather than a standalone soil science department.                                                                                                                                                                                                                  |
|           | Vilnius University                   | IIA                                          | Summary — Soil-Related Activities at Vilnius University<br>Teaching & Training<br>Natural Systems Management and Geology programmes that integrate soil-relevant principles.<br>Doctoral coursework on soil cover structure in the landscape.<br>Research & Publications<br>Soil cover spatial studies and landscape analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|           | Vytautas Magnus University, Kaunas   | IIA                                          | Summary — Soil Activities at Vytautas Magnus University<br>Education & Curriculum<br>Soil science integrated into agronomy and environmental programmes.<br>Practical soil research training through on-campus and field experiments.<br>Research & Field Science<br>Experiments on soil tillage, soil health, soil microbial dynamics.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Malta     | University of Malta                  | IIA                                          | The University of Malta works on soil mainly through:<br>environmental soil science and soil processes<br>soil erosion and land degradation research<br>soil microbiology and biodiversity<br>agricultural soil management and water resources<br>historical landscape and terracing studies                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Mexico    | Instituto Politécnico Nacional       | Mobility project (2023-2026)                 | IPN has activities related to soil, mainly through environmental engineering, agricultural sciences, and natural resource research, though it does not have a dedicated standalone soil science department. Soil topics appear in:<br>Environmental Engineering programmes — teaching soil pollution, soil–water interactions, and soil management for sustainability.<br>Research centres like CII DIR (Centro Interdisciplinario de Investigación para el Desarrollo Integral Regional), which conduct applied soil research including soil quality monitoring and land resource studies.<br>Applied projects — such as soil moisture, temperature, and contamination studies, often connected to environmental and agricultural research                               |
| Macedonia | Goce Delcev State University of Stip | IIA                                          | Summary — Soil-Related Activities at University Goce Delcev<br>Teaching and Degrees<br>Soil Science and Hydrology at master's and doctoral levels.<br>Research Projects<br>Studies on soil contamination (e.g., cadmium phytoremediation) and soil physical properties.<br>Laboratory Work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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|           | Ss. Cyril and Methodius University in Skopje                       | IIA            | <p>Summary — Soil-Related Activities at Ss. Cyril and Methodius University</p> <p>Education &amp; Degrees</p> <p>Soil science and plant nutrition integrated within agricultural and forestry programmes.</p> <p>Environmental engineering and landscape programmes include soil and water aspects.</p> <p>Research</p> <p>Soil element distribution, contamination studies, and tillage impacts.</p>                                                                                                                                                                                                                                                    |
| Palestine | Al-Azhar University - Gaza, Gaza Strip                             | MoU 27.2.2028  | <p>Al-Azhar University – Gaza does engage in soil-related activities through: its Faculty of Agriculture &amp; Environment teaching and research, soil research and published soil analyses, geology and geography academic programmes that include soil science aspects.</p> <p>These activities make the university relevant for projects involving soil, land use, agriculture, and environmental monitoring—even though it does not have a separate soil science department like typical agronomy institutions.</p>                                                                                                                                  |
|           | Adam Mickiewicz University Poznań                                  | IIA            | <p>soil geography and geoeecology</p> <p>soil degradation and environmental change</p> <p>soil–climate and soil–landscape interactions</p> <p>environmental monitoring and land management</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|           | Czestochowa University of Technology                               | IIA            | <p>Czestochowa University of Technology does engage in soil-related activities, primarily in the context of:</p> <p>environmental engineering and soil remediation</p> <p>soil contamination and bioremediation research</p> <p>agricultural and ecosystem sustainability projects</p> <p>teaching programmes that include soil and environmental subjects</p>                                                                                                                                                                                                                                                                                           |
|           | Institute of Environmental Engineering, Polish Academy of Sciences | MoU 5.4.2027   | <p>Soil is indeed an important part of the Institute's research portfolio, especially in areas such as: Soil pollution and contaminant mobility, Soil analytical testing and environmental assessment, Reclamation and remediation of degraded soils</p> <p>Environmental impact studies involving soil systems These activities sit within the Institute's broader work on environmental protection, pollutant dynamics, and sustainable land and water management.</p>                                                                                                                                                                                 |
|           | Jagiellonian University in Krakow                                  | IIA            | <p>Soil-Related Activities at the Jagiellonian University</p> <p>Institute of Geography and Spatial Management — soil and landscape research</p> <p>The Institute of Geography and Spatial Management conducts research on soil formation, soil properties and soil processes in relation to landscape development. Studies often focus on mountain environments, soil erosion, soil transformation and the relationships between soils, vegetation and landforms.</p>                                                                                                                                                                                   |
|           | Jan Kochanowski University in Kielce                               | MoU open-ended | <p>Jan Kochanowski University in Kielce does involve soil-related research in publications and environmental studies. Soil topics are addressed within environmental science, geography, and ecology research rather than in a dedicated soil science department. The university also has laboratories and research units capable of supporting soil and environmental analysis</p>                                                                                                                                                                                                                                                                      |
|           | Jan Dlugosz University in Czestochowa                              | IIA            | <p>Jan Długosz University in Częstochowa does have:</p> <p>environmental labs and research that can include soil assessments</p> <p>programmes in natural sciences and environmental chemistry which touch on soil issues</p> <p>involvement in projects and science infrastructure that support environmental analysis</p> <p>However, it does not appear to have a dedicated soil science/soil ecology department comparable to specialised agricultural or Earth science universities. The soil-related work is typically embedded within environmental, chemical, and natural science research rather than a standalone soil science discipline.</p> |
|           | Jan Grodek State University in Sanok                               | MoU open-ended | <p>While specific projects or research explicitly titled "soil science" aren't highlighted in the publicly available general overview materials, the existence of agricultural and ecosystem management programmes strongly implies involvement with soil-related education, practical training and possibly applied research as part of the curriculum — especially in areas like: soil properties and fertility, sustainable land use, environmental protection, agro-ecosystem management</p>                                                                                                                                                         |
|           | Maria Curie Skłodowska University in Lublin                        | IIA            | <p>Maria Curie-Skłodowska University (UMCS) does engage in soil-related activities, including:</p> <p>structured research on soil within environmental and earth sciences</p> <p>soil-focused academic publications</p> <p>teaching soil concepts in geography and environmental studies</p> <p>practical soil education and workshops</p> <p>While its soil activity is not exclusively in agricultural soil science, the scientific and educational engagement with soils is significant, particularly in environmental, geomorphological, and spatial management contexts.</p>                                                                        |

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| Nicolaus Copernicus University in Toruń                        | IIA           | <p>Nicolaus Copernicus University in Toruń does have soil-related activities, including:</p> <ul style="list-style-type: none"> <li>a dedicated Department of Soil Science and Landscape Management</li> <li>real soil research projects on soil properties and classification</li> <li>field-based soil teaching and workshops</li> <li>interdisciplinary science involving soil microbiology and plant-soil interactions</li> </ul> <p>These activities show that the university's engagement with soil is real and multifaceted — ranging from basic soil science and classification to applied ecological and biological research.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Pomerian University in Slupsk                                  | IIA           | <p>Pomeranian University in Slupsk does have some activities related to soil, mainly through:</p> <ul style="list-style-type: none"> <li>Environmental science and biology programmes that include soil topics</li> <li>Field practice involving soil sampling and analysis</li> <li>Laboratory work in soil and sediment research</li> <li>Environmental protection and geography courses where soil is part of broader ecosystem studies</li> </ul> <p>However, it does not appear to have a large dedicated soil science or agronomy department like some agricultural universities. Soil-related work is mostly integrated into environmental sciences rather than forming a separate major research area.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Silesian University of Technology                              | MoU 25.4.2027 | <p>the Silesian University of Technology <i>does engage</i> in activities related to soil — especially in the fields of soil mechanics, environmental soil remediation, soil behaviour in construction, and geotechnical research — both in teaching and research.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Stanislaw Staszic State University of Applied Sciences in Pila | IIA           | <p>Soil-Related Activities at Stanislaw Staszic State University of Applied Sciences in Pila</p> <p>Soil-related course content — Soil Mechanics</p> <p>The university's course catalogue includes Soil Mechanics (Soil Mechanics / BUD19) which is offered within relevant engineering or construction-related curricula. This subject involves understanding the physical properties and behaviour of soils — a key element of soil science in technical and land-engineering contexts.</p> <p>Engineering and construction studies with soil-relevant components</p> <p>Although the university does not have a dedicated soil science faculty, its construction and engineering programs inherently contain soil-related material (e.g., soil mechanics, materials, and land foundations) as part of preparing students for technical professions involving ground and soil interactions.</p> <p>Green energy and environmental sustainability installation (contextual soil relevance)</p> <p>ANS in Pila has developed a photovoltaic farm on campus that serves both engineering education and sustainable energy goals. While this is not directly a soil science project, it links to broader environmental topics (such as land use and ecological considerations concerning soil and site selection).</p> <p>General research and academic activity</p> <p>The institution supports scientific research and academic activity more broadly, focusing on development and regional cooperation, although specific soil-focused research projects are not prominently listed in institutional summaries. Research activities are mainly organized through general academic frameworks rather than specialized soil science units</p>                                                                                                                                                                                                                                                                                                                                                                                |
| Uniwersytet Slaski w Katowicach, Katowice                      | IIA           | <p>Soil-Related Activities at Uniwersytet Śląski w Katowicach (University of Silesia in Katowice)</p> <p>Environmental &amp; Earth Sciences — Faculty of Natural Sciences / Institute of Earth Sciences</p> <p>The Institute of Earth Sciences at the University of Silesia focuses on multidisciplinary research connected to the Earth system, including processes at the Earth's surface, geomorphology, sediment and soil studies in industrial regions of Silesia, and analysis of soil organic matter and contamination patterns. Research aims to understand soil characteristics and processes in human-impacted environments.</p> <p>Degree Programmes in Environmental Protection</p> <p>The university offers Environmental Protection (Ochrona środowiska) as bachelor's and master's programmes within the Faculty of Biology and Environmental Protection, encompassing topics related to soil ecology, land use, contamination and environmental assessment.</p> <p>International Environmental Doctoral School (MSSD) – Earth &amp; Environment Projects</p> <p>As part of the Międzynarodowa Środowiskowa Szkoła Doktorska (International Environmental Doctoral School) linked to the Centre for Polar Studies, several research themes relate to natural systems that involve soils and sediments (e.g., environmental changes, sediment transport, and paleoenvironments), although not exclusively soil-focused.</p> <p>Green Science Zone (Zielona Strefa Nauki)</p> <p>The Green Science Zone initiative promotes sustainable development and environmental research. While this is a broader innovation and sustainability project, it supports activities where soil, land use and environmental health can be part of the research context.</p> <p>Soil &amp; Environmental Research Publications and Projects</p> <p>Researchers at the University of Silesia have conducted soil-related studies that include soil microbial metabolic analysis, nutrient and physical-chemical soil property measurements, and assessment of biological functions of soils as part of ecological research.</p> |

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| University of Applied Sciences in Elblag | IIA | <p>Related / Applied Environmental Work</p> <p>The university does have an Environmental Engineering / Environmental Protection track within the Institute of Technology, where students learn about environmental monitoring and sustainable development principles that can involve basic soil-related topics, such as understanding soil as a part of the environment.</p> <p>Some cooperation with other institutions (e.g., University of Warmia and Mazury in Olsztyn and Gdańsk University of Technology) might allow students and staff to use external labs for environmental research, which could include soil analysis.</p> <p>Evidence of Soil-Related Research Outputs</p> <p>While the University itself does not list dedicated soil science departments, faculty or students have been authors on research involving soil materials, such as a publication on the properties of a sand and bentonite mixture for use in flood embankments — which involves soil material testing and engineering properties</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| University of Bielsko Biala              | IIA | <p>Soil-Related Activities at University of Bielsko-Biala</p> <p>Soil-related topics in Civil and Environmental Engineering</p> <p>At the Faculty of Materials, Civil and Environmental Engineering, the Department of Civil Engineering conducts teaching and research that include soil-related elements such as soil laboratory test analysis, soil improvement with synthetic fibres, and geotechnical design methods. These activities are part of civil engineering research on construction materials and ground behaviour.</p> <p>Environmental Engineering Study Programme</p> <p>The university offers an Environmental Engineering (Inżynieria Środowiska) programme under the Faculty of Materials, Civil and Environmental Engineering, which covers environmental aspects of land and soil use, planning and mitigation of human impact on the environment. Students learn about sustainable management of natural resources, which inherently involves soil-relevant topics.</p> <p>Soil and Ground Research Publications</p> <p>Researchers affiliated with the University Bielsko-Biala have published scientific work on soil topics:</p> <p>A study on toxic elements in mountain soils (e.g., Zn, Cu, Pb, Cd) in the Little Beskids near Bielsko-Biala, indicating soil contamination and acidity analysis.</p> <p>Research on the influence of geotextiles stabilising soil on vegetation of slopes and drainage ditches by the Faculty of Materials, Civil and Environmental Engineering.</p> <p>A soil study in the Polish Journal of Materials and Environmental Engineering analysing soil organic matter content and specimen preparation effects on testing results.</p> <p>Academic Context and Regional Relevance</p> <p>Although the University of Bielsko-Biala does not list a dedicated soil science department on its main site, departments and programmes focusing on civil and environmental engineering incorporate soil-related research, laboratory work, and environmental management that connect to sustainable land and soil issues in the region.</p> |
| University of Economics in Katowice      | IIA | <p>Soil-Related Activities at University of Economics in Katowice (Uniwersytet Ekonomiczny w Katowicach)</p> <p>Faculty of Spatial Economy and Regions in Transition</p> <p>In 2023 the University established a new Faculty of Spatial Economy and Regions in Transition, which includes the Department of Spatial and Environmental Economics and focuses on spatial, environmental and regional management — areas that relate to how land and soil resources are used and governed in economic and regional contexts. This faculty supports interdisciplinary research and teaching on spatial development and environmental transformation.</p> <p>Earth Day &amp; Environmental Engagement Activities</p> <p>UE Katowice participates in sustainability and environmental awareness activities like Earth Day celebrations, including tree-planting events (e.g., along the Rawa Boulevards) that connect campus life with ecological stewardship and green space enhancement.</p> <p>Environmental and Spatial Economic Teaching &amp; Research</p> <p>The university's research and academic offerings include themes in spatial economy, environmental economics, regional development, and socio-economic geography, where soil and land use topics intersect with economic policy and sustainable development issues. Research teams contribute to interdisciplinary applied research coordinated with public institutions and private partners.</p> <p>Centre for Economics of Climate Change (CECC)</p> <p>While primarily focused on the economics of climate change, the CECC's work links to environmental systems and land-related sustainability challenges that include soil health indirectly through adaptation and mitigation strategies affecting land use and natural resources.</p>                                                                                                                                                                                                                                                                                       |

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| Poland |                                                                  |     | University of Gdańsk does engage in soil-related activities, including:<br>soil components within environmental and ecological research<br>dune habitat and landscape studies involving soil assessments<br>research on soil carbon and land-use effects<br>environmental science and sustainable development where soil is part of ecosystem research<br>These activities are environmentally and ecologically oriented, rather than classical soil science focused purely on soil chemistry, soil physics, or agricultural soil management.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | Universtiy of Gdansk                                             | IIA |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|        | University of Information Technologies and Management in Rzeszow | IIA | Yes — the University of Information Technology and Management in Rzeszów engages in soil-related activities, notably through:<br>Soil and Water Laboratory analyses of soil chemistry and fertility<br>Microbiological research on soil microorganisms<br>Integration of soil studies into sustainability and environmental education<br>These activities are applied and environmental in focus, not centered on traditional agricultural soil science, but they still involve meaningful soil research and educational components.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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|        | Warsaw University of Life Sciences                               | IIA | Soil-Related Activities at Warsaw University of Life Sciences (SGGW)<br>Institute of Agriculture – Soil Science & Research<br>The Institute of Agriculture at Warsaw University of Life Sciences conducts extensive research in agricultural sciences, soil sciences and environmental sciences. It consists of key units like the Department of Soil Science, Department of Agronomy, Department of Biometry and Division of Agricultural & Environmental Chemistry. Research activities include field experiments, laboratory analyses and computational methods focused on soil properties, soil-plant interactions, soil variability, contamination, carbon metabolism and other topics related to soil health and sustainable land use.<br>Department of Soil Science<br>Within the Institute of Agriculture, the Department of Soil Science leads teaching, research and cooperation efforts related to soil. This department is involved in field studies, soil salinity assessment, laboratory biomass analyses and collaborative research with business and external institutions, contributing to both academic knowledge and practical soil management solutions.<br>Soil-Focused Research Projects and Publications<br>Academics from the university publish research on soil topics, such as studies of technogenic soils (Technosols) developed from mining waste, where microbiological activity and soil development after land reclamation are analysed — highlighting soil restoration and ecological function.<br>Field Research & Experimental Station in Skierniewice<br>The Prof. Marian Górski Experimental Station associated with the Institute of Agriculture facilitates long-term soil experiments, including studies on effects of tillage systems on soil health and properties (e.g., organic carbon content, soil structure).<br>Academic Programs with Soil-Relevant Content<br>Teaching at SGGW includes soil-related subjects in agriculture and environmental studies within the Institute of Agriculture, offering students training in soil science, crop-soil interactions, environmental protection and related fields. Soil science has been part of the curriculum historically and continues to be integrated into degree programs that require understanding of soil behaviour in natural and agricultural landscapes. |
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|        | University of Lodz                                               | IIA | The University of Łódź has moderate but clear expertise related to soils, especially in:<br>soil geography and soil classification<br>environmental soil studies<br>soil degradation and pollution<br>soil–landscape interactions<br>However, its focus is more geographical and environmental rather than agricultural soil science or agronomy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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| University of Siedlce           | IIA | <p>Soil-Related Activities at the University of Siedlce</p> <p>Institute of Agriculture and Horticulture — soil research and education</p> <p>The university conducts soil-related research through the Institute of Agriculture and Horticulture, focusing on soil fertility, soil chemistry, soil biology and sustainable agricultural practices. Research examines soil nutrient cycles, soil organic matter and the relationship between soil conditions and crop productivity.</p> <p>Department of Soil Science and Environmental Chemistry</p> <p>A specialized department carries out research on soil physical and chemical properties, soil contamination, soil nutrient management and soil protection. Activities include laboratory analysis of soil samples, studies on soil degradation and development of practices for improving soil quality.</p> <p>Agriculture and Environmental Protection study programmes</p> <p>The university offers degree programmes such as Agriculture, Environmental Protection and Environmental Engineering, where students study soil science, soil management, soil ecology and land use as part of their curriculum.</p> <p>Experimental fields and agricultural research stations</p> <p>The university maintains experimental farms and research fields where researchers and students conduct field experiments on soil fertility, crop-soil interactions, fertilization practices and sustainable land management.</p> <p>Research on soil biodiversity and soil ecology</p> <p>Academic teams investigate soil microorganisms, soil biological activity and soil ecosystem functioning, contributing to knowledge on soil health and sustainable agricultural systems.</p> <p>Scientific publications and research projects</p> <p>Researchers at the university publish work related to soil chemistry, soil fertility, agricultural soils and environmental impacts on soils, often in collaboration with other Polish and European research institutions.</p> <p>Zostávajúce správy: 2. Spusti skúšobnú verziu tarify Plus zadarmo a pokračuj v konverzácii</p>                                                                 |
| University of Warmia and Mazury | IIA | <p>Soil-Related Activities at the University of Warmia and Mazury in Olsztyn</p> <p>Institute of Agriculture and Horticulture — soil science research</p> <p>The university conducts extensive soil-related research within its agricultural and environmental science structures, particularly through departments focusing on soil science, soil chemistry, soil fertility and soil management. Research addresses soil properties, soil productivity, soil organic matter and sustainable agricultural practices.</p> <p>Department of Soil Science and Land Reclamation</p> <p>A dedicated unit focuses on soil classification, soil degradation, land reclamation and restoration of degraded soils, including work on improving soil quality after agricultural or industrial use. Research also examines nutrient cycles, soil structure and soil conservation methods.</p> <p>Agriculture, Environmental Protection and Land Management programmes</p> <p>The university offers degree programmes such as Agriculture, Environmental Protection, Environmental Engineering and Land Management, where students study soil science, soil fertility, soil ecology and sustainable land use as part of their curriculum.</p> <p>Experimental stations and field research</p> <p>The university operates experimental farms and field stations where researchers and students conduct field experiments related to soil fertility, crop-soil interactions, soil organic carbon and the impact of different farming practices on soil health.</p> <p>Research on soil biodiversity and soil ecology</p> <p>Academic staff study soil microorganisms, soil biodiversity and biological processes in soils, including the role of soil organisms in nutrient cycling and ecosystem functioning.</p> <p>Scientific publications and international research projects</p> <p>Researchers from the university contribute to international scientific literature on soil chemistry, soil fertility, land reclamation, soil organic matter and sustainable soil management, often in collaboration with European research networks focused on agriculture and environmental sustainability.</p> |

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| University of Wroclaw, Wroclaw              | IIA | <p>Soil-Related Activities at the University of Wroclaw</p> <p>Institute of Geography and Regional Development — soil and landscape research</p> <p>The university's Institute of Geography and Regional Development conducts research on soil properties, soil processes, and landscape evolution, particularly in mountain and upland environments. Studies include soil formation, soil erosion, geomorphological processes and relationships between soils, vegetation and landforms.</p> <p>Environmental and Earth Sciences programmes</p> <p>The university offers degree programmes such as Geography, Environmental Protection, and Earth Sciences, which include courses related to soil science, soil geography, land degradation, and environmental monitoring. These programmes combine theoretical teaching with fieldwork and laboratory analysis of environmental systems.</p> <p>Field research and environmental monitoring</p> <p>Students and researchers participate in fieldwork in various regions of Poland, including mountain environments and protected natural areas. Field training often includes soil sampling, soil classification, and landscape analysis as part of environmental and geographical studies.</p> <p>Research on soil contamination and environmental change</p> <p>Researchers at the university have conducted studies related to soil contamination, trace elements in soils, and the impact of human activities on soil environments, especially in areas influenced by industrial development and urbanization in southwestern Poland.</p> <p>Scientific publications and interdisciplinary environmental research</p> <p>Academic staff publish research on soil processes, environmental change, soil erosion, and landscape transformation, often linking soil studies with geomorphology, hydrology, and ecosystem research within broader environmental science projects.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Uniwersytet Rzeszowski, Rzeszow             | IIA | <p>Soil-Related Activities at Uniwersytet Rzeszowski (University of Rzeszów, Rzeszów, Poland)</p> <p>Institute of Agricultural Sciences, Environmental Protection, and Management</p> <p>The university has an Institute of Agricultural Sciences, Environmental Protection, and Management, which includes the Department of Soil Science, Environmental Chemistry and Hydrology — a core unit for soil-related teaching and research, focusing on physical, chemical and biological properties of soils, soil hydrology, soil cultivation systems, use of waste as soil improvers, soil microbiology, and environmental protection.</p> <p>Department of Soil Science, Environmental Chemistry and Hydrology — research themes</p> <p>Researchers in this department work on a wide range of soil topics such as soil compaction, physicochemical soil properties under different land use, soil contamination with trace elements, influence of fertilization and liming on soil and crop chemical composition, and use of organic waste for soil improvement.</p> <p>Agriculture (Rolnictwo) degree programmes</p> <p>University of Rzeszów offers Agriculture (Rolnictwo) studies at both bachelor's and master's levels, including specialisations in agronomy with agribusiness and agricultural space planning, which include substantial soil-related content as part of agricultural and land education.</p> <p>Soil research and field experimentation</p> <p>The Institute operates an Experimental Station where staff and students conduct field experiments relevant to soil properties and agricultural systems, supporting applied research on soil processes and sustainable land management.</p> <p>Environmental projects involving soil analysis</p> <p>The university cooperates with the City of Rzeszów on environmental research that includes soil analyses as part of site preparation for a planned dendrological park, involving assessment of soil condition, geological structure, landform and vegetation.</p> <p>Scientific publications and studies on soil parameters</p> <p>Researchers at Uniwersytet Rzeszowski have contributed to soil-focused scientific work, including studies on soil sample parameters using X-ray fluorescence techniques and conference presentations on the properties of soils under different land uses around Rzeszów.</p> <p>Conferences on soil environment</p> <p>The university has been associated with scientific activities such as the International Conference on Causes and Effects of Soil Environment Degradation — a recurring event focused on soil degradation and environmental issues, with historical involvement from the academic community.</p> |
| Polytechnic Institute of Braganca, Braganca | IIA | <p>Polytechnic Institute of Bragança (IPB):</p> <p>Strong in agricultural and environmental education, including soil-related topics (<a href="http://webdocs.ipb.pt">webdocs.ipb.pt</a>)</p> <p>Conducts specific soil research (fertility, properties, plant nutrition) (<a href="http://bibliotecadigital.ipb.pt">bibliotecadigital.ipb.pt</a>)</p> <p>Participates in applied environmental and agroecological projects involving soil (<a href="http://interreg-sudoe.eu">interreg-sudoe.eu</a>)</p> <p>Research is interdisciplinary, linking soil with agroecology, environmental impacts, and agro-technology (<a href="http://pas-agro-pas.esa.ipb.pt">pas-agro-pas.esa.ipb.pt</a>)</p> <p>IPB has relevant soil-related research and education, particularly in agriculture, agroecology, and environmental sustainability, making it suitable for collaboration in soil and agro-environmental projects.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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| Portugal | University of Algarve, Faro              | IIA | <p>The University of Algarve has soil-related activities and expertise mainly through:</p> <p>Academic programmes (agronomy, environmental sciences incorporating soil courses)</p> <p>Research projects and researchers working on soil-related topics like soil ecology, pedology, soil fertility, and sustainable agriculture practices</p> <p>Environmental and ecosystem research centres which can involve soil components indirectly</p> <p>While soil science at UAlg may not be as big as at specialized agricultural universities, it is meaningfully present in both education and research, especially in connection with agronomy and environmental sustainability.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|          | University of Madeira, Funchal           | IIA | <p>Soil-Related Activities at the University of Madeira</p> <p>Faculty of Exact Sciences and Engineering — environmental and earth system studies</p> <p>The university conducts research in environmental and earth sciences through programmes and research units focusing on ecosystems, environmental management and landscape studies. These activities include topics related to soil processes, soil erosion and land use, particularly within the island ecosystems of Madeira.</p> <p>Environmental and Natural Sciences programmes</p> <p>Degree programmes such as Biology, Environmental Sciences and Environmental Engineering include coursework related to soil ecology, soil processes and environmental monitoring, helping students understand the role of soils in terrestrial ecosystems and sustainable land management.</p> <p>Research on soil erosion and land degradation in island environments</p> <p>Researchers study soil erosion, land degradation and landscape change in mountainous island environments. This work is especially relevant in Madeira, where steep terrain, heavy rainfall and land-use practices influence soil stability and soil conservation.</p> <p>Field research in the Madeira archipelago</p> <p>Students and researchers conduct field studies across Madeira Island, examining natural habitats, forest ecosystems and agricultural landscapes. Fieldwork often includes soil observation, soil sampling and analysis of soil conditions in different ecological zones.</p> <p>Environmental and ecosystem research collaborations</p> <p>The university participates in interdisciplinary research projects related to ecosystem conservation, climate change and sustainable land use, where soils are studied as an important component of environmental systems and biodiversity conservation.</p> |
|          | Universidade Católica Portuguesa, Lisbon | IIA | <p>The Universidade Católica Portuguesa does have activities related to soil, especially in:</p> <p>Soil health research and sustainable agriculture projects</p> <p>PhD and postgraduate studies examining soil ecology and biofertilizers</p> <p>Environmental research groups looking at soil treatment and ecological impacts</p> <p>However, its soil work is more interdisciplinary and applied (linked with agriculture, sustainability and environmental biotechnology) rather than a large traditional soil science department seen at some agronomy or geosciences universities.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|          | Universitatea Lucian Blaga din Sibiu     | IIA | <p>The Lucian Blaga University of Sibiu has soil-related expertise mainly in:</p> <p>agricultural soil ecology and soil biodiversity</p> <p>soil quality and soil indicators</p> <p>agroecosystems and sustainable agriculture</p> <p>environmental and landscape studies involving soil</p> <p>However, its soil research is mostly interdisciplinary (agriculture, ecology, environmental protection) rather than a large dedicated soil science institute.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|          | Universitatea din Oradea                 | IIA | <p>The University of Oradea has relevant soil-related activities, particularly in:</p> <p>agricultural soil science and soil fertility</p> <p>soil degradation and environmental protection</p> <p>soil–landscape and pedogeographical studies</p> <p>sustainable land management and environmental monitoring</p> <p>➡ Compared to specialized agricultural universities, its soil research is moderate but clearly present, especially through agriculture and environmental protection programmes.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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|          | University of Agronomic Sciences and Veterinary Medicine of Bucharest | IIA            | <p>The University of Agronomic Sciences and Veterinary Medicine of Bucharest has very strong soil-related expertise, particularly in:</p> <ul style="list-style-type: none"> <li>soil science and pedology</li> <li>soil fertility and agricultural soil management</li> <li>soil degradation and conservation</li> <li>sustainable agriculture and environmental protection</li> </ul> <p>➡ Compared with many other universities you asked about, this is one of the strongest institutions for soil research and education, especially in agriculture and land management.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Romania  | West University of Timisoara                                          | IIA            | <p>The West University of Timișoara has clear soil-related expertise, especially in:</p> <ul style="list-style-type: none"> <li>digital soil mapping and soil spatial analysis</li> <li>soil–landscape relationships</li> <li>environmental monitoring and climate-related soil research</li> <li>soil erosion and land quality studies</li> </ul> <p>However, its soil work is mainly within geography, GIS, and environmental science, rather than traditional agronomy or agricultural soil science.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Russia   | Lipetsk State Technical University                                    | MoU open-ended | <p>LG TU has activities related to soil, mainly in the context of civil engineering and geotechnical research (soil deformation, construction materials, foundations). However, it does not appear to be focused on soil science in an environmental or agricultural sense.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Slovenia | University of Ljubljana                                               | IIA            | <p>The University of Ljubljana has very strong expertise in soil research, especially in:</p> <ul style="list-style-type: none"> <li>soil science and pedology</li> <li>agricultural soil management</li> <li>forest soils and ecosystem processes</li> <li>soil degradation, pollution, and environmental monitoring</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|          | University of Maribor                                                 | IIA            | <p>The University of Maribor has clear soil-related expertise, particularly in:</p> <ul style="list-style-type: none"> <li>soil fertility and agricultural soil management</li> <li>sustainable agriculture and soil conservation</li> <li>soil monitoring and environmental land-use studies</li> </ul> <p>➡ Its soil activities are strongly linked to agriculture and environmental management, making it relevant for projects focused on soil health, sustainable farming, and land management.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Serbia   | University of Novi Sad                                                | IIA            | <p>Soil-Related Activities at the University of Novi Sad<br/>Faculty of Agriculture — Department of Soil Science</p> <p>The university conducts extensive soil-related research through the Faculty of Agriculture, particularly within the Department of Soil Science and Land Resources. Research focuses on soil fertility, soil chemistry, soil classification, soil degradation, soil contamination and sustainable soil management in agricultural landscapes.</p> <p>Agricultural and environmental study programmes</p> <p>Degree programmes such as Agronomy, Environmental Protection, and Land Management include courses in soil science, soil fertility, soil ecology, soil conservation and sustainable land use. These programmes provide both theoretical knowledge and practical field training.</p> <p>Field experiments and experimental farms</p> <p>The Faculty of Agriculture operates experimental stations and research fields, where students and researchers conduct experiments related to soil fertility, crop-soil interactions, fertilization systems and soil management practices adapted to the agricultural conditions of the Vojvodina region.</p> <p>Research on soil degradation and soil protection</p> <p>Academic teams study soil salinization, soil erosion, soil pollution and soil conservation strategies, particularly relevant for agricultural land in northern Serbia. These studies support sustainable agriculture and environmental protection.</p> <p>Soil laboratories and analytical facilities</p> <p>The university maintains soil laboratories equipped for physical, chemical and biological soil analyses, allowing researchers to study soil structure, nutrient content, organic matter and soil microbiological activity.</p> <p>International research projects and publications</p> <p>Researchers from the university participate in international soil and agricultural research projects, publishing work on soil quality, soil fertility, land management and environmental impacts on soil systems, often in collaboration with European agricultural research networks.</p> |

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| Spain | Universidad Carlos III de Madrid, Madrid                      | IIA | <p>The Universidad Carlos III de Madrid does not specialize in soil science per se, unlike institutions with agricultural science faculties, but it engages with soil-related topics indirectly through:</p> <ul style="list-style-type: none"> <li>Sustainability initiatives and environmental projects</li> <li>Biodiversity and land restoration activities</li> <li>Interdisciplinary educational programmes related to sustainability and land systems</li> </ul> <p>☑ It can be a useful partner for sustainability projects that include soil as part of broader environmental, land-use, or climate perspectives, but it is not a central research hub for soil science itself.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|       | Universidad de Murcia                                         | IIA | <p>The University of Murcia has a well-established soil science presence, especially through its Soil Science &amp; Technology research group, soil quality and soil education, and applied research on soil processes and sustainability.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|       | Universidad de Castilla-La Mancha                             | IIA | <p>The University of Castilla–La Mancha has soil-related research and education that includes:</p> <ul style="list-style-type: none"> <li>✓ soil fertility and nutrient dynamics</li> <li>✓ soil contamination and remediation</li> <li>✓ soil mapping and GIS applications in land systems</li> <li>✓ integrated soil use in agriculture and sustainability</li> </ul> <p>☑ This makes UCLM a relevant partner for projects involving soil quality, soil protection, sustainable agriculture, environmental monitoring and land use, even if soil science isn't organized as a separate, stand-alone department.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|       | Universidad de Santiago de Compostela, Santiago de Compostela | IIA | <p>The University of Santiago de Compostela is a very relevant institution for soil-related work and is actively involved in:</p> <ul style="list-style-type: none"> <li>✓ soil science and pedology</li> <li>✓ environmental soil research</li> <li>✓ sustainable agriculture and soil management</li> <li>✓ climate change and soil carbon dynamics</li> </ul> <p>This makes USC a strong partner for projects related to soil health, sustainable land use, agricultural systems, ecosystem services and environmental monitoring.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|       | Universidad del Pais Vasco, Bilbao                            | IIA | <p>Soil-Related Activities at the University of the Basque Country (Universidad del Pais Vasco / Euskal Herriko Unibertsitatea)</p> <ul style="list-style-type: none"> <li>Plant Biology and Ecology — soil research</li> <li>Studies focus on soil-vegetation interactions and ecosystem functioning in Mediterranean and Atlantic environments.</li> <li>Environmental Science programmes</li> <li>Courses cover soil science, ecology, formation, degradation and environmental monitoring with practical and theoretical training.</li> <li>Soil contamination research</li> <li>Groups investigate pollution, heavy metals, and remediation strategies, especially in industrial regions.</li> <li>Field research</li> <li>Students conduct soil sampling and analysis in coastal, forest, and mountain ecosystems.</li> <li>Interdisciplinary and international projects</li> <li>Participation in European research on sustainability and ecosystem functioning, integrating soil studies.</li> <li>Publications</li> <li>Research outputs address soil ecology, biodiversity, contamination, and land-use impacts.</li> </ul> |
|       | University of Granada, Granada                                | IIA | <p>The University of Granada has strong soil-related activities spanning education, research, environmental science, agriculture and European partnerships. It is a notable partner for soil health, soil sustainability, land management and environmental research in Spain and Europe.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|       | University of Malaga                                          | IIA | <p>The University of Malaga does have activities connected to soil, especially in the contexts of:</p> <ul style="list-style-type: none"> <li>environmental soil analysis and contamination remediation</li> <li>land management, soil mapping and geospatial assessment</li> <li>soil-water processes and hydrogeology</li> </ul> <p>These strengths make UMA a relevant partner for projects in sustainable land use, soil quality monitoring, environmental management, and integrated land-water systems, even if it is not exclusively focused on classical agronomic soil science.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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|          | University of Navarra, Pamplona               | IIA                                           | <p>Soil-Related Activities at the University of Navarra</p> <p>Environmental and Earth-related studies within science programmes</p> <p>The university offers programmes in Environmental Sciences and Biology, which include topics related to ecosystems, environmental processes and natural resource management. These programmes address soil as part of terrestrial ecosystems, including soil processes, nutrient cycles and land use impacts.</p> <p>Research on environmental sustainability and land systems</p> <p>Research groups within the university work on sustainability, environmental management and climate change, areas that may include soil as a component of ecosystem functioning and land-use systems. Studies often focus on environmental impacts, ecological balance and sustainable resource use.</p> <p>Fieldwork and ecosystem studies</p> <p>Students in environmental science programmes participate in fieldwork and ecological studies in natural landscapes, which involve observing and analysing environmental factors such as vegetation, soils and hydrological processes.</p> <p>Environmental and climate research initiatives</p> <p>The university supports interdisciplinary initiatives addressing environmental change, sustainability and climate-related challenges. Soil is considered within broader environmental systems and land-use research rather than as a standalone discipline.</p> <p>Scientific publications in environmental and ecological fields</p> <p>Researchers affiliated with the university publish work on ecosystem dynamics, biodiversity, environmental monitoring and sustainable land management, where soils are often included as an important ecological component.</p> |
|          | University Pablo de Olavide, Sevilla          | IIA                                           | <p>The University Pablo de Olavide (Seville) does engage meaningfully with soil-related research and education, especially in:</p> <ul style="list-style-type: none"> <li>✓ soil ecology and carbon dynamics</li> <li>✓ sustainable land systems and agroecology</li> <li>✓ environmental soil quality and ecosystem services</li> <li>✓ soil-related components within Environmental Sciences programmes</li> </ul> <p>➡ While it does not have a large standalone soil science department, it contributes to soil science through interdisciplinary research and applied environmental and agricultural sustainability work.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|          | Universitat Politècnica de Valencia, Valencia | IIA                                           | <p>The Universitat Politècnica de València is very relevant for soil science and soil-related research, particularly in:</p> <ul style="list-style-type: none"> <li>✓ soil science and pedology</li> <li>✓ soil mechanics and engineering</li> <li>✓ soil contamination and remediation</li> <li>✓ soil monitoring and precision agriculture</li> <li>✓ environmental protection and sustainable land management</li> </ul> <p>➡ UPV is a solid partner for projects involving soil health, soil quality monitoring, sustainable agriculture, contaminated soils and environmental technologies.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tanzania | University of Dar es Salaam                   | MoU 29.1.2030<br>(Mobility project 2022-2025) | UDSM has activities involving soil, mainly through agriculture, natural resources, and environmental programs. Their work includes soil management, soil fertility, soil surveys, and soil use in farming and land planning. Research and practical training deal with soil properties, amendments, and land use, even if not called "soil science" formally.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|          | Adnan Menderes University                     | IIA                                           | <p>Adnan Menderes University (Aydın) has a strong soil science presence. It features:</p> <ul style="list-style-type: none"> <li>✓ a dedicated Soil Science and Plant Nutrition department</li> <li>✓ classroom and field training in foundational and applied soil science</li> <li>✓ ongoing soil research on quality, fertility, erosion, contamination, and sustainability</li> <li>✓ soil integration in broader environmental and natural resource programmes</li> </ul> <p>➡ This makes ADU a relevant partner for soil science education, research collaborations, and project partnerships, particularly in agricultural soil management, land conservation, environmental soil assessment and ecosystem services.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|          | Afyon Kocatepe University                     | IIA                                           | <p>Afyon Kocatepe University has a meaningful role in soil-related education and research, particularly through:</p> <ul style="list-style-type: none"> <li>✓ the Faculty of Agriculture (soil science, soil chemistry, soil fertility)</li> <li>✓ environmental engineering (soil pollution and modelling)</li> <li>✓ land-use, erosion and soil mapping studies</li> <li>✓ applied soil monitoring and field research</li> </ul> <p>Although not a pure soil science institution, soil science is integrated into several active academic domains, making AKU a relevant partner for soil-focused projects, research collaborations, and environmental land management initiatives</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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|  | Akdeniz University, Antalya          | IIA | <p>Akdeniz University (Antalya) is strongly involved in soil science and soil-related research. Its activities include:</p> <ul style="list-style-type: none"> <li>✓ Teaching and training in soil science, soil fertility, and plant nutrition</li> <li>✓ Soil quality and soil health research</li> <li>✓ Soil contamination, pollution assessment, and remediation</li> <li>✓ Soil ecology and biological interactions</li> <li>✓ Soil mapping, erosion, and land-use dynamics</li> </ul> <p>☞ This makes Akdeniz University a strong institution for soil science education and research, and a highly relevant partner for collaborative projects in soil health, agricultural sustainability, environmental protection, and land management.</p>                                               |
|  | Alanya Alaaddin Keykubat University  | IIA | <p>Alanya Alaaddin Keykubat University does have soil-related activities, but they are primarily within:</p> <ul style="list-style-type: none"> <li>✓ Engineering (soil mechanics, geotechnical analysis)</li> <li>✓ Environmental sciences (soil/sediment studies in broader research)</li> <li>✓ Biosystems/land management (irrigation, land use, GIS, sustainable practices)</li> </ul> <p>However, ALPU does not operate a traditional soil science or agronomy department focused on soil biology, pedology or crop-soil interactions. Its soil connections are more applied and interdisciplinary, appearing in engineering, environmental research and land systems.</p>                                                                                                                     |
|  | Ankara University                    | IIA | <p>Ankara University has a solid and active soil science presence. It:</p> <ul style="list-style-type: none"> <li>✓ Operates a dedicated soil science and plant nutrition department</li> <li>✓ Teaches soil science and soil-related curricula within agriculture</li> <li>✓ Supports soil research and practical labs</li> <li>✓ Appears in soil research publications and international collaborations</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                 |
|  | Bogazici University Istanbul         | IIA | <p>Boğaziçi University is involved in soil-related activities, particularly through:</p> <ul style="list-style-type: none"> <li>✓ environmental contamination and soil pollution analysis,</li> <li>✓ soil remediation and ecosystem research,</li> <li>✓ soil mechanics and geotechnical engineering,</li> <li>✓ sustainability and land use policies as part of environmental strategy.</li> </ul> <p>☞ However, it does not operate a dedicated soil science or agronomy faculty, so its soil work is interdisciplinary and embedded in environmental sciences and engineering contexts rather than a standalone soil department</p>                                                                                                                                                              |
|  | Bolu Abant İzzet Baysal Üniversitesi | IIA | <p>Bolu Abant İzzet Baysal University is not a classical soil science institution like a dedicated agronomy university, but it does engage with soil-related activities within its Faculty of Agriculture and Natural Sciences, particularly through:</p> <ul style="list-style-type: none"> <li>✓ agricultural soil education and coursework</li> <li>✓ soil analysis and characterization research</li> <li>✓ applied soil studies in crop production and nutrient management</li> <li>✓ integration of soil in broader environmental and agricultural research</li> </ul> <p>☞ This makes BAİBÜ a relevant partner for projects involving soil analysis, soil fertility, agricultural soil management and applied soil research, especially in an agricultural or agro-environmental context.</p> |
|  | Cukurova University                  | IIA | <p>The University of Cukurova is very active in soil-related teaching and research, especially in:</p> <ul style="list-style-type: none"> <li>✓ Soil science and pedology education</li> <li>✓ Soil fertility and nutrient management</li> <li>✓ Soil contamination and remediation research</li> <li>✓ Soil erosion, land-use and conservation modelling</li> <li>✓ Integration of soil with environmental engineering and GIS/remote sensing</li> </ul> <p>☞ This positions Cukurova University as a strong and relevant institution for soil-focused collaborations, especially in agricultural, environmental or agro-ecosystem research projects.</p>                                                                                                                                           |
|  | EGE University, Izmir                | IIA | <p>Ege University is a leading institution for soil science in Turkey and regionally. It has:</p> <ul style="list-style-type: none"> <li>a full Department of Soil Science and Plant Nutrition in its Faculty of Agriculture,</li> <li>active soil research and laboratories,</li> <li>soil topics integrated into broader agricultural and environmental programmes,</li> <li>and participation in soil science education, research projects, and professional networks.</li> </ul> <p>☞ This makes Ege University a strong and relevant partner for soil-focused academic collaboration, research projects, and capacity building in soil science, sustainable land use and agri-environmental innovation.</p>                                                                                     |

Turkey

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| Fırat University                    | IIA | <p>Fırat University does engage with soil-related topics, particularly through:</p> <ul style="list-style-type: none"> <li>✓ geography (soil erosion and land use)</li> <li>✓ environmental engineering (soil pollution and environmental protection)</li> <li>✓ geological engineering (soil/rock behavior and earth systems)</li> <li>✓ organic agriculture (sustainable soil use concepts)</li> </ul> <p>➡ It may not be a classical soil science university like agricultural colleges, but soil topics are meaningful parts of its environmental, geographic, and geological programmes, making it a relevant institution for interdisciplinary soil-related projects.</p>                                                                                                                                                         |
| Gümüşhane University                | IIA | <p>Gümüşhane University engages with soil-related education and research, mainly through:</p> <ul style="list-style-type: none"> <li>✓ agricultural sciences (soil fertility &amp; crop interactions)</li> <li>✓ forestry (forest soils &amp; nutrient cycling)</li> <li>✓ geography &amp; environmental sciences (soil erosion, landscape dynamics)</li> <li>✓ environmental engineering (soil pollution assessments)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                       |
| Hitit University Corum              | IIA | <p>Hitit University does have soil-related teaching and research primarily through:</p> <ul style="list-style-type: none"> <li>✓ agricultural programmes (soil fertility, soil analysis)</li> <li>✓ environmental science topics that involve soil</li> <li>✓ applied research on soil properties and crop interactions</li> </ul> <p>➡ While it doesn't operate a separate soil science institute, it is sufficiently engaged with soil topics through agriculture and environmental research, making it a reasonable partner for soil, agro-environmental or land management projects, especially within Turkey and regional collaborations</p>                                                                                                                                                                                       |
| Kahramanmaraş Sütçü İmam University | IIA | <p>Kahramanmaraş Sütçü İmam University is actively involved in soil-related education and research, particularly through:</p> <ul style="list-style-type: none"> <li>✓ Agricultural sciences (pedology/soil science and fertility)</li> <li>✓ Environmental engineering (soil contamination and environmental policy)</li> <li>✓ Geography/landscape research (soil distribution and erosion)</li> <li>✓ Applied agricultural and soil management research</li> </ul> <p>➡ Although not always as a separate soil science department, soil topics are meaningfully integrated across multiple disciplines, making KSU a relevant institution for soil-focused collaborations and projects, especially where agriculture and environmental science intersect.</p>                                                                        |
| Marmara University                  | IIA | <p>Marmara University is indeed involved in soil-related teaching and research, especially through:</p> <ul style="list-style-type: none"> <li>✓ environmental engineering (soil pollution, remediation, monitoring)</li> <li>✓ civil engineering (soil mechanics, geotechnical analysis)</li> <li>✓ environmental science and GIS/landscape studies where soil is an important variable</li> <li>✓ interdisciplinary projects touching soil quality and land use</li> </ul> <p>➡ While Marmara University does not operate a traditional soil science or agronomy department, soil is integrated into several research and teaching domains. This makes the university relevant for soil-related environmental research, applied soil quality assessment projects, engineering soil problems and interdisciplinary collaborations.</p> |
| Nigde Ömer Halisdemir University    | IIA | <p>Nigde Ömer Halisdemir University is meaningfully engaged with soil science and soil-related research, particularly through:</p> <ul style="list-style-type: none"> <li>✓ agricultural education (soil science, soil fertility, soil management),</li> <li>✓ environmental science research on soil contamination and monitoring,</li> <li>✓ land mapping and soil property analysis,</li> <li>✓ field experiments that involve soil-plant systems.</li> </ul> <p>➡ While it doesn't operate a standalone soil science institute, soil topics are well integrated across agricultural, environmental and geographical disciplines, making the university a relevant partner for soil-related research and applied projects, especially within agro-environmental, sustainability or nutrient management themes.</p>                   |

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|         | Pamukkale University, Denizli                                     | IIA                                           | <p>Pamukkale University conducts meaningful soil-related education and research across several faculties:</p> <ul style="list-style-type: none"> <li>✓ Soil science and soil fertility in agricultural programmes</li> <li>✓ Soil quality and soil properties research</li> <li>✓ Soil pollution and remediation studies</li> <li>✓ Soil erosion and land use change investigations</li> <li>✓ Soil mechanics in environmental and civil engineering contexts</li> </ul> <p>☞ While not organized as a single soil science department, soil topics are integrated across agriculture, environmental science and engineering disciplines, making Pamukkale University a relevant institution for soil research collaborations, especially in agricultural, environmental and land use projects</p>                                                                                    |
|         | Uludag University, Bursa                                          | IIA                                           | <p>Uludag University is actively involved in soil-related education and research. It:</p> <ul style="list-style-type: none"> <li>✓ Offers soil science teaching and laboratories (pedology, soil chemistry, plant nutrition, etc.)</li> <li>✓ Conducts soil research on quality, contamination, plant-soil interaction and sustainable land use</li> <li>✓ Includes soil topics across environmental and engineering programmes</li> <li>✓ Participates in projects and publications that touch on soil health and soil quality</li> </ul> <p>☞ This makes Uludag University a relevant and valuable partner for soil-focused collaborations — particularly in agro-environmental research, soil pollution studies, soil fertility and sustainable land use.</p>                                                                                                                     |
|         | Zonguldak Bulent Ecevit University                                | IIA                                           | <p>Zonguldak Bulent Ecevit University does engage with soil-related topics, particularly through:</p> <ul style="list-style-type: none"> <li>✓ Environmental Engineering (including soil pollution and remediation contexts)</li> <li>✓ Geological Sciences and Earth Research (soil formation and land processes)</li> <li>✓ Geomatics and land monitoring (remote sensing)</li> <li>✓ Environmental sustainability activities that include soil indirectly</li> </ul> <p>However, it does not have a major standalone soil science or agronomy department. Its soil work is integrated into environmental, geological, and engineering research rather than being a core, independent discipline.</p>                                                                                                                                                                              |
|         | Lviv Polytechnic National University                              | Mobility project (2024-2027)                  | <p>Lviv Polytechnic National University does engage in soil-related education and research, especially through its *Department of Soil Science and Soil Geography, student soil research groups, geoscience programmes, and environmental projects that deal with soil restoration and soil processes</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ukraine | National University of Water and Environmental Engineering, Rivne | MoU 27.1.2030<br>Mobility Project (2022-2025) | <p>Soil-Related Activities at NUWEE</p> <ul style="list-style-type: none"> <li>• Research on soil fertility and soil properties — The university publishes work on changes in soil fertility and soil physical-chemical properties under long-term cultivation of winter wheat, including factors like acidity, nutrient balance, and soil conditions that affect productivity.</li> <li>• Studies of soil state and soil cover characteristics — Articles from NUWEE examine agro-ecological conditions and soil cover in the Rivne region, including soil formation, distribution, and properties, which are central topics in soil research.</li> <li>• Soil improvement and management research — There are studies on improving the potential of reclaimed sod-podzolic soils, looking at how physical and chemical treatments change soil properties in the region.</li> </ul> |
|         | Taras Shevchenko National University of Kyiv                      | Mobility Project (2022-2025)                  | <p>Soil science and soil geography research</p> <p>Research on soil genesis, classification, processes and role in landscapes, including environmental and land-use effects.</p> <p>Environmental and land management programmes</p> <p>Programmes cover soil formation, ecology, degradation, conservation and sustainable land use.</p> <p>Field research</p> <p>Students conduct soil sampling and profile analysis to study variability, environmental impacts, and landscape evolution.</p> <p>Soil contamination studies</p> <p>Work on soil pollution, heavy metals, and anthropogenic effects, especially in urban and industrial areas.</p> <p>Interdisciplinary environmental research</p> <p>Soil studies are linked with geomorphology, hydrology, ecosystems and climate research to understand soil-environment interactions</p>                                       |

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|            | Uzhhorod National University       | MoU 5.6.2028<br>(Mobility Project 2022-2025) Mobility Project (2024-2027) | <p>Soil-Related Activities at Uzhhorod National University</p> <p>1. Soil science education and labs<br/>The Faculty of Geography at UzhNU includes a soil science laboratory as part of its teaching and research facilities (alongside geodesy, forestry, etc.). Students studying geography and related fields work with soil topics as part of their training.</p> <p>2. Related academic programs<br/>UzhNU offers programs in Geography, Geodesy &amp; Land Management, and Forestry, which involve fieldwork and understanding of soil in landscapes, land use, and ecosystem contexts.</p> <p>3. Field training and environmental context<br/>Students participate in field trips and environmental studies in the Transcarpathia region, which inherently include soil observation and understanding of natural habitats and land features.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| USA        | Lafayette University               | MoU 21.7.1905                                                             | <p>Lafayette College (sometimes referred to informally as Lafayette University) in Easton, Pennsylvania does have multiple soil-related activities in both teaching and research, even if it isn't strictly a soil science department:</p> <p>1. LaFarm – Campus Farm &amp; Soil Practice<br/>Lafayette operates LaFarm, a 3-acre working farm used for growing food and sustainable agriculture, where students and faculty interact directly with soil as a living laboratory.<br/>The farm recycles nutrients via composting and cover crops that build soil organic matter and soil health, and provides soil data for classes and projects.</p> <p>2. Environmental Science &amp; Studies Programs<br/>The college's Environmental Science and Environmental Studies majors include soil as part of broader environmental coursework, giving students skills in understanding soil processes and environmental systems.</p> <p>3. Geotechnical &amp; Civil Engineering Soil Work<br/>The Civil &amp; Environmental Engineering Department has a geotechnical soil laboratory where students study soil properties (e.g., compaction, permeability, strength) as part of engineering education and research.<br/>Faculty-led research has also experimented with strengthening loose soils using microbes, showing advanced research directly on soil behavior.</p> <p>4. Hands-On Soil Testing and Field Projects<br/>Soil tests have been conducted for the farm and classes; students use soil data for applied analysis and hands-on learning about soil conditions and soil science concepts</p> |
| Uzbekistan | Nukus Satate Pedagogical Institute | MoU january 2030                                                          | <p>The institute engages with soil indirectly through its involvement in environmental and regional research in the Aral Sea region.<br/>Activities include:<br/>Environmental education and "Green Aral Sea" initiatives addressing desertification and land degradation.<br/>Research on agriculture and land use in Karakalpakstan, which inherently involves understanding soil conditions and soil productivity.<br/>Publications in ecology and geography that examine the impacts of the Aral Sea crisis on landscapes and soil-related processes.<br/>Summary: Soil is not studied as a standalone discipline, but the institute's activities in regional environmental research, land use, and ecological restoration connect strongly to soil and its management.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |