

Doctoral School in Theoretical and Applied Geology

Doctoral supervisors

Prof. Dr. Sorin FILIPESCU

Micropaleontology; Stratigraphy; Paleoecology
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Geochemistry; Stable isotopes; Paleoclimatology; Environmental Mineralogy; Mine pollution
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Assoc. Prof. Dr. Ioan TANȚĂU

Palynology; Vegetation history; Paleoecology; Quaternary paleoenvironments reconstruction
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Associated Ph. D. Coordinators

Acad. Prof. Dr. Emeritus Ioan BUCUR (retired) - member of the Romanian Academy

Paleontology; Mesozoic Stratigraphy; Carbonate Micropaleontology and Sedimentology
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Prof. Dr. Vlad CODREA (retired)

Vertebrate Paleontology; Paleoenvironmental Reconstruction; Paleoecology; Biochronology; Biostratigraphy; Paleogeography; Paleoclimate; Regional geology
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Prof. Dr. Bogdan P. ONAC

Reconstructing sea-level, past climate and environmental changes using speleothems, ice, and guano from various cave and karst deposits
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The training program of the Doctoral Studies in Theoretical and Applied Geology is focused on developing advanced research skills in subjects related to:

- Analysis of sedimentary basins (Paleontology, Stratigraphy, Paleoecology, Sedimentology);
- Mineralogy, petrography and geochemistry of rocks and artefacts.

Research is carried out in modern laboratories equipped with competitive equipment for material processing, transmitted and reflected light microscopes and stereomicroscopes, X-ray diffractometer and spectrometers for H, C and O isotopes, computers, and reference materials.

Each doctoral thesis represents a research project funded either via independent grants, or as part of larger projects affiliated to the coordinating department under national or international calls. Both Master and doctoral students are members of larger research teams focusing on major geological topics. International collaborations with similar institutions from Austria (Salzburg; Leoben), France (Marseille, Grenoble, Paris), Germany (Tübingen, Erlangen), Poland (Krakow), Slovakia (Bratislava) and USA (Tampa, Florida) offer doctoral students opportunities for training stages abroad, and also theses based on joint supervision.

CONTACT

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