



Relu-Dumitru ROBAN

Geologist, Conf. dr. univ

Experienced sedimentologist at the University of Bucharest (since 1999), with expertise in teaching and research focused on mineral and energy resource exploration.

Personal Info

+40721384687

reludumitru.robان@g.unibuc.ro

Bd. Nicolae Bălcescu, 1,
Bucharest, 010041, Romania

Nationality
Romanian

Driving License
B

Date of birth
04.12.1972

Links

[Faculty of Geology and Geophysics](#)

[Google Academic](#)

[ORCID](#)

[Project UEFISCDI - 50PCE/2022](#)

Skills

- Field sedimentology and mapping,
- Sedimentological interpretation of geophysical data
- Manufacturing of petrographic thin sections and microscopic interpretation
- Heavy mineral separation and LA (U-Pb) geochronological analyses (detrital zircons)
- Grain size analyses

Languages

- Romanian
- English

Work Experience

Conferentiar dr., Faculty of Geology and Geophysics, University of Bucharest, Nicolae Bălcescu No.1, Bucharest

October 1999 - Present

I teach two undergraduate courses, Sedimentary Petrology and Sedimentology, as well as a master's course, Facies Models, at the University of Bucharest. I've been leading these courses since 2009 and 2010, respectively. Currently, I serve as the Director of the Department of Geology, Mineralogy, and Paleontology at the Faculty of Geology and Geophysics (since 2023) and Director of the Lythos Research Center (since 2015). Over the past decade, I've successfully directed two national research projects funded by UEFISCDI, each exceeding €100,000 in value. My research has resulted in over 20 ISI-indexed publications in international journals, with an H-index of 11.

Education

Bachelor, Faculty of Geology and Geophysics, University of Bucharest

October 1995 - June 1999

Geology

Master, Faculty of Geology and Geophysics, University of Bucharest

October 1999 - September 2000

Sedimentary Basin Assessment

Erasmus, Dipartimento di Scienze della Terra, Torino, Italia (Master degree)

March 2000 - July 2000

Siliciclastic Sedimentology, Stratigraphy, and Carbonate Sedimentary Petrology

Volunteering

Faculty advisor, Bucharest Student Chapter of AAPG

January 2010 - Present

I coordinate the activities of the Bucharest Student Chapter, a professional-scientific student group affiliated with the American Association of Petroleum Geologists (AAPG).

I have been a founding member since 1999. I have served as Professor Coordinator since 2010. The chapter organizes the annual National Symposium of the Geologist Students, as well as national and international geological field trips. From 2011 to 2020, I led the Bucharest University team in the Imperial Barrel Award competition, a prestigious AAPG event held annually in Prague.

AAPG (American Association of Petroleum Geologists)

March 2000 - Present

IAS (International Association of Sedimentologists)

January 2000 - Present

PN-III-P4-PCE-2021-0901: Deciphering the evolution of poorly preserved basins: inferences from the analysis of Mesozoic Ceahlău-Severin Suture, Carpathian Orogen, 1200000 lei (250 000 euro), UEFISCDI

June 2022 - December 2024

PN-II-RU-TE- 2014-4-2064, Lower Cretaceous depositional system reconstruction of the Eastern Carpathians: climatic, tectonic and sedimentary supply influences, 550 000 lei (125 000 euro), UEFISCDI

October 2015 - September 2017

Balica, C., Ducea, M.N., Gehrels, G.E., Kirk, J., Roban, R.D., Luffi, P., Chapman, J.B., Triantafyllou, A., Guo, J., Stoica, A.M., Ruiz, J., Balintoni, I., Profeta, L., Hoffman, D. and Petrescu, L., 2020. A zircon petrochronologic view on granitoids and continental evolution. *Earth and Planetary Science Letters*, 531: 116005. (Q1)

Ducea, M.N. and Roban, R.D., 2016. Role Played by Strike-Slip Structures in the Development of Highly Curved Orogens: The Transcarpathian Fault System, South Carpathians. *The Journal of Geology*, 124(4): 519-527.(Q1)

Roban, R.D., Ducea, M.N., Mațenco, L., Panaiotu, G.C., Profeta, L., Krézsek, C., Melinte-Dobrinescu, M.C., Anastasiu, N., Dimofte, D., Apotrosoaei, V. and Francovschi, I., 2020. Lower Cretaceous Provenance and Sedimentary Deposition in the Eastern Carpathians: Inferences for the Evolution of the Subducted Oceanic Domain and its European Passive Continental Margin. *Tectonics*, 39(7): e2019TC005780. (Q1)

Roban, R.D., Krézsek, C. and Melinte-Dobrinescu, M.C., 2017. Cretaceous sedimentation in the outer Eastern Carpathians: Implications for the facies model reconstruction of the Moldavide Basin. *Sedimentary Geology*, 354: 24-42. (Q1)