

Personal information

Name, Surname:	Alexandra, Tămaş		
Date of birth:	07.11.1989	Sex:	F
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Education

Year	Degree
2022 (dissertation defended)	PhD in Geology, Thesis: Nature, Consequences, and Controls of Deformation during Superimposed Rifting: the Inner Moray Firth Basin, Earth Sciences Department, Durham University, Durham (United Kingdom).
2013	Master's Degree in Geology of Sedimentary Basins, Faculty of Biology and Geology, Babeş-Bolyai University, Cluj-Napoca, Romania.
2011	Bachelor's Degree in Geology, Faculty of Biology and Geology, Babeş-Bolyai University, Cluj-Napoca, Romania.

Positions - current and previous

Year	Job title
2024-present	Lecturer at Department of Geology, Faculty of Biology and Geology, Babeş-Bolyai University, Cluj-Napoca, Romania.
2022 - present	Project Manager at Center for Integrated Geological Studies, Department of Geology, Faculty of Biology and Geology, Babeş-Bolyai University, Cluj-Napoca, Romania.
2021-2022	Geologist at Center for Integrated Geological Studies, Department of Geology, Faculty of Biology and Geology, Babeş-Bolyai University, Cluj-Napoca, Romania.
2017-2022	PhD candidate, Earth Sciences Department, Durham University, UK.
2016-2017	Geologist at Petroleum Engineering Department, Development Division, OMV Petrom S.A., Bucharest, Romania.
2013-2016	Junior Geologist at Petroleum Engineering Department, Development Division, OMV Petrom S.A., Bucharest, Romania.

Main Technical Skills

Structural Geology	Structural analysis and interpretation of deformation styles and tectonic frameworks.
Subsurface mapping and interpretation	Integration of seismic, well, and geological data for subsurface structural and stratigraphic interpretation.
Field geology	Geological mapping, structural measurements, and outcrop analysis.

Subsurface energy resources	Assessment and interpretation of subsurface energy systems, including structural controls and resource potential.
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Main Software Skills

Petrel/Decision Space	Project setup and build a database, interpret 2D and 3D PSTM/PSDM data, use surface and volume attributes, velocity model and depth conversion.
Move	Cross-section construction, restoration, 3D and 2D forward modelling, visualising and integrating outcrop data.
ArcGis/QGis	Data management, map creation and editing, geo-referencing, coordinate transformation, data conversion
FieldMove	Digital mapping

Funding Applications

Year	Project title	Role	Status
2025-2026	STEAM-EXPERIENCE: Învățare Experiențială în Laboratoare Naturale și de Cercetare PN-IV-P10-SSSC-2024-0042	Project Member	Funded
2025-2027	Sarea Ca Viitor Al Tranziției Energetice. Sunt Depozitele De Sare Din România O Opțiune Pentru Stocarea De Hidrogen, Alte Resurse Sau Deșeuri? PN-IV-P2-2.1-TE-2023-0402	Project Member	Funded
2024-2028	COST Action: Social, biological and climatic impacts of salt ages (SaltAges).	Secondary Proposer	Funded
2024-2028	COST Action: pan-EUROpean BIoGeodynamics network-EUROBiG	Secondary Proposer	Funded
2023	Analogue modelling and digital twin for transpressional kinematic settings, Funder: OMV Petrom	Project manager	Funded
2022-2023	Analogue modelling to support Getic structural interpretation Funder: OMV Petrom.	Project manager	Funded
2017-2022	Research Training & Support Grant (RTSG) - NERC CDT in Oil and Gas – 20.000 GBP.	Grantee	Funded
2012-2013	Research Scholarship - Funder: Babeș-Bolyai University. Budget c. 800 EUR	Grantee	Funded

Other relevant professional experiences

Year	Description - Role
2025 present	Co-chair and Member of the Technical Committee for organizing the EAGE first Workshop on Mobile Shales: Understanding Processes, Imaging, and Risks (2026).
2025 present	Member of the organizing committee of the CARPATHIAN BALKAN GEOLOGICAL ASSOCIATION (CBGA) 2026

2024 present	Subject Editor - Journal of the Geological Society of London
2024 present	Member of the Technical Committee for organizing the EAGE Seventh International Conference on Fault and Top Seals (2025).
2024	Romanian Academy - Ludovic Mrazec Award for the paper ‘Low-Angle Shear Within the Exposed Mânzălești Diapir, Romania: Salt Decapitation in the Eastern Carpathians Fold-andThrust Belt’ by: Tămaș, D.M., Tămaș A. , Barabasch, J., Mark G. Rowan, Schléder, Z., Krézsek, C., Urai, J.L., Tectonics, 40, (2021).
2020 present	Member of the European Geoscience Union (EGU)
2008 present	Member of AAPG - American Association of Petroleum Geologists
2024	Member in project - Gas seep detection with drone-mounted sensors (Dan Tamas - Project Manager) Funder OMV Petrom
2023	Member in project - Negative inversion tectonics and its impact on exploration projects - Funder OMV Petrom (Dan Tamas – project manager) – Funder: OMV Petrom
2023	Member in project - Digital outcrop models of soft sediment and salt deformation (Dan Tamas – project manager) – Funder: OMV Petrom.
	Member in project - Fault Seal calibration using outcrop data (Dan Tamas – project manager) – Funder: OMV Petrom.
2023	Invited Speaker EGU General Assembly 2023, Vienna, Austria.
2023	‘ Early Career Award ’ for the best paper published by an early career researcher in 2022 in Journal of the Geological Society of London.
	Member in project - Inversion tectonics and its impact on exploration projects (Dan Tamas – project manager) – Funder: OMV Petrom.