



Ana-Cornelia Badea

Nationality: Romanian ✉ Email address: anacorneliabadea@gmail.com

✉ Email address: ana.badea@utcb.ro

📍 Work: Lacul Tei 124, 2nd District, Bucharest, 020396 Bucharest (Romania)

Full Professor in Geodetic Engineering

Technical University of Civil Engineering Bucharest, Faculty of Geodesy [05/10/1998 – Current] City: Bucharest | Country: Romania

Director of the Doctoral School

Technical University of Civil Engineering [10/04/2024 – 16/04/2025]

Address: Lacul Tei Blvd., 122-124, 2nd District, 020396 Bucharest (Romania) | Name of unit or department: Doctoral School - Business or sector: Education

Expert, member of the Engineering Sciences I Committee - ARACIS (Romanian Agency for Quality Assurance in Higher Education) [01/09/2024 – Current]

Expert - The Body of Experts from the National Register of Experts for the Certification of Research Development Activity (REXCD) [01/02/2023 – Current]

Ministry of Research Innovation and Digitalisation Order no. 20242/13.02.2023, <https://www.research.gov.ro/wp-content/uploads/2023/02/2-Componenta-Corpului-de-experti.pdf>

Member of the Commission 12 CNATDCU - Geological engineering, geodetic engineering, mines, oil and gas

CNATDCU - National Council for University Degrees, Diplomas and Certificates [01/07/2019 – Current] <https://www.cnatdca.ro/paneluri-cnatdca/>

Collaborator – Professor

University of Bucharest, Faculty of Geography [01/10/2013 – Current] City: Bucharest

Expert evaluator [2015], [2022], [2024], [2025] and expert monitor for HORIZON projects in implementation [01/06/2021 – 31/12/2025]

European Commission

National Expert - Romanian Association of Standardization, Standardization Technical Committee ASRO / TC 359 Geographic information [01/02/2017 – Current]

Director of the Research Center - Geodetic Engineering Measurements and Spatial Data Infrastructures (MGIIDS) [01/06/2016 – Current]

Team Member - EU-CONEXUS Enables Project

Technical University of Civil Engineering Bucharest [01/02/2024 – 15/10/2025] <https://www.eu-conexus.eu/en/projects/eu-conexus-enables/>

UTCB Responsible - HORIZON PROJECT – ReGreenation - The next generation of green, resilient and socially inclusive smart cities, *Technical University of Civil Engineering Bucharest* [02/01/2024 – Current] <https://regreenation.eu/>

Team member EU-CONEXUS Project

Technical University of Civil Engineering Bucharest [01/01/2021 – current] : responsible for "[UAS Principles, Data Modeling and Analysis](#)" microcredential for EU-CONEXUS BSc students; responsible for "[GIS and Remote Sensing](#)" course for EU-CONEXUS BSc students; teaching "[GIS and GeoAI](#)" course for EU-CONEXUS PhD students; WP4 representative for UTCB

Vice-president of the Romanian Surveyors Union [12/12/2018 – Current]

Team Member - DivAirCity EU HORIZON Project

Technical University of Civil Engineering Bucharest [01/02/2022 – 01/07/2024]

Expert evaluator for project proposals

Polish Academy of Sciences [01/01/2022 – 30/04/2022] [01/06/2021 – 30/10/2021]

Project manager ROSE Project IMPULS

Technical University of Civil Engineering Bucharest [01/09/2019 – 30/09/2021]

PN-IV-P2-2.2-MCD-2023-0018 Project Responsible

Technical University of Civil Engineering Bucharest [01/11/2023 – 15/12/2023]

Expert – European Project ResInfra@DR, Facilitating macro-regional scope and link up to socio-economic actors of Research Infrastructure in the Danube Region, programul INTERREG – Danube Transnational Programme, <https://www.zsi.at/en/object/news/5273>

Ministry of Science, Croatia [05/2019 – 07/2019]

Project responsible - UEFISCDI PN-III-P1-1.1-MC-2019-1503

[15/11/2019 – 15/12/2019]

Responsible of the contract no. 121 / 18.10.2018 course “Advanced Theory: Geospatial analysis” [01/10/2018 – 30/11/2018]

Responsible of the contract for postgraduate courses and research "Surveying, cadastre and GIS in the oil domain", no. 2934 / 28.03.2018 with OMV Petrom [01/03/2018 – 01/09/2018]

Responsible in the Management Committee of the International Project “ Public Value Capture of Increasing Property Values” COST [01/06/2018 – 30/05/2022]

Responsible in the Management Committee of the International Project “Harmonization of UAS Techniques for Agricultural and Natural Ecosystems Monitoring” COST [01/06/2017 – 06/2022]

President of CNATDCU Complaints Commission - Geological Engineering, Geodesy, Mining, Oil and Gas Engineering
CNATDCU - National Council for University Degrees, Diplomas and Certificates [01/06/2017 – 30/05/2020]

Researcher CPII – Responsible for Faculty of Geodesy - project Centre of Competence for Planetary Sciences ASTRES
Astronomical Institute of Romanian Academy [01/12/2016 – 01/12/2018]

EDUCATION

Habilitation in Geodetic Engineering, OMEN 3675/2017

PhD Thesis in Civil Engineering – Distinction “Cum Laude” UTCB [01/10/2001 – 01/11/2008]

Postgraduate Diploma (echivalent Master Degree) – Profile Geodesy – Specialization "Land Information Systems" (full time) UTCB [01/10/1998 – 30/06/1999]

Merit Diploma of Bachelor Degree, Major Field – Geodesy [01/10/1993 – 30/06/1998] *Faculty of Geodesy, Technical University of Civil Engineering Bucharest*

Master in International Project Management, SNSPA - State University of Political and Administrative Studies [01/10/2011 – 30/06/2013]

Master in “Judicial Career”, Christian University "Dimitrie Cantemir" - Faculty of Law and Public Administration [01/10/2009 – 30/06/2011]

Bachelor’s Degree in Law, Faculty of Law and Administrative Sciences, Spiru Haret University, Bucharest, Romania [01/10/2009 – 30/06/2012]

High School Diploma, “Sf. Sava” National College, Bucharest

TRAINING

- Big Geo-Data and Machine Learning for Advanced Geospatial Analysis**, Certificate issued by Assoc. Prof. Dr. Ionuț Călimănuț Cira (University Politehnica Madrid), 2025
- Landslide Monitoring and Risk Assessment Using NASA Earth System Data, National Aeronautics and Space Administration**, 2025
- Compiling Metadata for Sustainable Development Goals**, The United Nations Statistics Division, 2024
- Micro-Credentials: Concept, Opportunities and Design**, Catholic University of Valencia, Spain, 2023
- International Mutual Learning Workshop “Curriculum design based on micro-credentials and flexible approaches”**, University of Bucharest and the Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI), 2023
- Certificate of Teaching, guest lecturer at the 3rd Edition of EU-CONEXUS PhD Summer School, “Professional Development and Leadership”**, hosted by South East Technological University, from 24 to 28 July 2023, in Waterford, Ireland
- Terrestrial Laser Scanning – Data Processing**, Certificate issued by Prof. Dr. -Ing. habil. Hans Berndt NEUNER (TU Wien): PN-IV-P2-2_2_MCD-2023-0018 Space Continuous and Robot-Aided Acquisition of Geometry – GEOROB, 2023
- Machine Learning in Weather and Climate**, ECMWF & IFAB CINECA, 2023
- European UAS Pilot, EASA - European Union Aviation Safety Agency, Identification Number LUX-RP-19740819pdoj**, 2022
- Monitoring and Modeling Floods using Earth Observations**, National Aeronautics and Space Administration, 2022
- Hyperspectral Data for Land and Coastal Systems**, National Aeronautics and Space Administration, 2021
- Satellite Remote Sensing for Urban Heat Islands**, National Aeronautics and Space Administration, 2020
- Remote Sensing for Mangroves in Support of the UN Sustainable Development Goals**, National Aeronautics and Space Administration, 2020
- Enhancing academic integrity and original thinking through plagiarism prevention**, URKUND, 2020
- Expert Project Management**, TSI Consultanta & Training, ANC Certification 2019
- User Specialist of Ground-Based Radar Interferometry**, IDS GeoRadar, 2019
- Expert in Accessing Structural and European Funds, COR 242213**, TSI Consultanta & Training, ANC Certification 2018
- Radar Remote Sensing**, European Space Agency, 2017
- Certificate Digital Content Developer & AEL**, SIVCO Romania SA, 2011
- Certificate of Trainer**, Ministry of Work, Family, Equal Chances, Research and Youth, 2011
- ARACIS (RAQAHE) Certificate - Diploma for quality assurance to enhance academic program evaluation skills**, ARACIS (RAQAHE) 2011
- ARACIS (RAQAHE) Certificate - Diploma for the development of university degree programs**, ARACIS (RAQAHE) 2011

WEB REFERENCES

- <https://www.webofscience.com/wos/author/record/G-5288-2013>
- <https://scholar.google.ro/citations?hl=ro&user=0r39C8kAAAAJ>
- <https://orcid.org/0000-0003-4521-5403>
- <https://sciprofiles.com/profile/672122>
- <https://utcb.ro/ana-cornelia-badea/>
- <https://www.brainmap.ro/ana-cornelia-badea>

04/03/2026

Ana Cornelia Badea, Prof. Ph.D. Eng