

Jan Hradecký, Ph.D.

Associate Professor

Curriculum Vitae

Born 2 April 1974 in Česká Lípa, but a native of Nový Bor at heart (!)

Education

- **Mgr.** (Physical Geography and Geoecology) – Faculty of Science, University of Ostrava (completed in 1998),

- **Ph.D.** - Department of Geography, Faculty of Science, Masaryk University in Brno (doctoral thesis: Disturbance Processes and Their Influence on Landscape Dynamics – the Western Beskids and the Podbeskydská Uplands; supervisor: doc. RNDr. Jaroslav Vašátko, CSc.) (completed in 2005),

- **RNDr.** - Faculty of Science, University of Ostrava (rigorosum examination completed in 2005),

- **doc.** - Associate Professor in Physical Geography and Geoecology – Faculty of Natural Sciences, Comenius University in Bratislava (habilitation completed in June 2009; habilitation thesis: The Palaeoenvironmental, Geomorphological and Geoecological Significance of Slope Deformations in Flysch Landscapes).

Employment

- employed at the Department of Physical Geography, Faculty of Science, University of Ostrava since 1998; Assistant Professor from 2000 and Associate Professor from 2009 at the Department of Physical Geography and Geoecology, Faculty of Science, University of Ostrava; Head of the Department of Physical Geography and Geoecology, 2011–2015; Dean of the Faculty of Science, 2015–2022; Head of the Department of Physical Geography and Geoecology, 2022–present.

Research Interests

- geomorphology and geoecology, with a focus on fluvial processes and palaeoenvironmental changes, slope deformations, restoration of watercourses and river landscapes, and landscape management.

Membership of Boards and Scientific Societes

- Chair of the doctoral programme board (2011–2015); currently a board member and doctoral supervisor in Environmental Geography,

- member of the doctoral programme board in Physical Geography at the Faculty of Science, Charles University in Prague,

- member of the Scientific Council of the Minister of the Environment of the Czech Republic (2023–present); member of the Council of the Nature Conservation Agency of the Czech Republic (AOPK ČR) (2020–present),

- member of the Scientific Council of Jan Evangelista Purkyně University in Ústí nad Labem (2016–2019); member of the Supervisory Board of the Institute of Geonics of the Czech Academy of Sciences, a public research institution (2016–2020); member of the Scientific Council of the Faculty of Science, Palacký University Olomouc (2022–present); member of the Scientific Council of the University of Ostrava (2015–present); Chair of the Scientific Council of the Faculty of Science, University of Ostrava (2015–2022); member of the Scientific Council of the Faculty of Science, University of Ostrava (2022–present); member of the Scientific Council of the Faculty of Education, University of West Bohemia (2019–present)

- Vice-Chair of the Association of Deans of Faculties of Science (2018–2022),

- professional society memberships: member of the Czech Association of Geomorphologists (current) – Chair (2009–2013), Vice-Chair (2013–2018); National Scientific Member of the International Association of Geomorphologists (2009–2013); member of the Czech Geographical Society; member of the Czech Society for Landscape Ecology – the Czech regional organisation of IALE; member of Limnospol; Chair of the Geographical Committee of the Czech Geographical Society (since spring 2026),

- editorial board memberships: Geoenvironmental Disasters (Springer), until 2020; Acta Universitatis Carolinae Geographica (Charles University, Prague); Moravian Geographical Reports (Institute of Geonics, a public research institution), until 2020; Geomorfologia Slovaca et Bohemica (Slovak Association of Geomorphologists, Institute of Geography of the Slovak Academy of Sciences, Czech Association of Geomorphologists).

Publications, Conferences and Teaching, Other Professional Activities

- author or co-author of 56 research outputs indexed in Web of Science; citations excluding self-citations: 1453; H-index: 24 (Web of Science, October 2026)

- author or co-author of approximately 40 additional publications, including book chapters,

- co-editor of the books: Landscapes and Landforms of the Czech Republic (Springer, 2016); Open Channel Hydraulics, River Hydraulic Structures and Fluvial Geomorphology: For Engineers, Geomorphologists and Physical Geographers (CRC Press, Francis&Taylor, 2017),

- active participation in numerous international geomorphological conferences and congresses (Japan, China, Brazil, France, New Zealand, etc.), including chairing sessions,

- supervisor of more than 95 successfully defended bachelor's and master's theses and 5 doctoral theses,

- academic coordinator of the bachelor's degree programme in Environmental Geography (2019 – 2026),

- course coordinator for: Fluvial Geomorphology, Landscape Management 1, Landscape Management 2, Fundamentals of Environmental Geography, Fundamentals of Environmental Geography in Local Development, Physical Geography 3,

- member of the Czech Government team developing the strategic government document Landscape Policy of the Czech Republic and head of the WATER working group (2024 – 2025),

- member of the Commission for Planning in the Upper Oder Sub-basin (2025 – present),

- countries and regions visited (including research stays, conferences, fieldwork and study stays): Russia, Ukraine (Crimea), Iran, Norway, Sweden, Chile, Argentina, Bolivia, Brazil, Indonesia, Japan, Denmark, Spain, Greece, Serbia, Montenegro, China, Kazakhstan, Portugal, France, Finland, South Korea, the USA, New Zealand and the countries neighbouring the Czech Republic.

Grants (Principal Investigator, Co-Investigator, Collaborator)

Technology Agency of the Czech Republic (TAČR): SQ01010138 (2025 – 2028) – "Comprehensive Analysis of Large Rivers and Their Tributaries in Large-Scale Specially Protected Areas from the Perspective of Conserving and Restoring Their Geodiversity and Biodiversity" – Principal Investigator

Technology Agency of the Czech Republic (TAČR): SS03010279 (2021–2023) – "Optimising Management of the Lower Elbe with Regard to the Presence of Habitat 3270

and Improving Hydromorphological Status Based on an Interdisciplinary Study" – Principal Investigator

OP JAK Excellence (2024 – 2028) – "Natural and Anthropogenic Geohazards" – Co-Beneficiary

Technology Agency of the Czech Republic (TAČR): TH02030509 (2017–2019) – "Identifying Vulnerability and Opportunities to Support Natural Landscape Functions under a Changing Climate in Large-Scale Specially Protected Areas." – Principal Investigator;

Czech Science Foundation (GAČR) postdoctoral grant project, reg. No. 205/06/P131 "Geomorphological reaction of water streams on anthropogenic influence in Western Beskydians Mts." – Principal Investigator;

Investigator in applied/contract research on fluvial geomorphology and the restoration of watercourses and landscapes (Nature Conservation Agency of the Czech Republic, Bohemian Switzerland National Park, Envicons s. r. o.) – total value approximately 500 thousand (2017–2018).

Grant Agency of the Czech Academy of Sciences (GAAV) postdoctoral grant project, reg. No.KJB301870501: "Quaternary geochronology of slope deformations in the culmination part of Western Carpathians: numerical and relative dating of landforms" – Co-Investigator;

Czech Science Foundation (GAČR) standard project P209/10/0309 "Influence of historical climatic and hydro-meteorological extremes on slope and fluvial processes in the Western Beskydy Mts. and their foreground" – Collaborator;

Czech Science Foundation (GAČR) standard project P209/12/0317 " Late Quaternary evolution of the complex gravitational slope deformations on the southern slopes of the Crimean Mountains (Ukraine)" – Principal Investigator;

Czech Science Foundation (GAČR) standard project P209/13/15123S "Spatial and temporal variation of rock mass sagging in the Tatra Mountains (Western Carpathians)" – Collaborator;

Czech Science Foundation (GAČR): 15-02067S (2015–2017): "Optimising Dendrogeomorphological Methods for Landslide Research." – Collaborator.