

**Mgr. Pavol KENDERESSY, PhD.**

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**EDUCATION**

**1995-2001:** MSc - Faculty of Natural Sciences, Comenius University in Bratislava, Environmental Science, Dep. of Landscape Ecology  
**2001-2008:** PhD - Institute of Landscape Ecology, Slovak Academy of Sciences

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**WORK EXPERIENCE**

**Since 2001:** Ph.D. student and member of scientific staff, Institute of Landscape ecology, Slovak Academy of Sciences, Bratislava  
**02/2003-06/2004:** Marie Currie Pre-Doctoral Fellowship, Department of Range Science and Wildlife-Freshwater Fisheries, School of Forestry and Natural Environment, Aristotle University of Thessaloniki, Greece  
**09/2003-06/2004:** Research stay, Pre-Doctoral fellowship by Danish Rector’s Conference, Dep. of Geography and International Development Studies, University of Roskilde, Denmark  
**08/2014-03/2015:** Post-Doctoral fellowship, Department for Botany & Biodiversity, Faculty of Life Sciences / Univ.Vienna, Austria.

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**OCCUPATIONAL FIELD**

- landscape ecology and landscape planning
- soil physical degradation and hydrophysical properties mapping and modelling
- applied geoinformatics and remote sensing
- UAV systems and applications

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**PERSONAL SKILLS AND COMPETENCES**

**Languages** – English (expert), German (basic), Russian (basic)  
**Computer skills and competences:** GIS software (ESRI), Spatial modeling, UAV data processing  
**Technical skills and competences:** UAV pilot licence, soil field survey

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**MEMBERSHIPS**

International Association for Landscape Ecology (IALE - EUROPE)  
European Society for Soil Conservation (ESSC)

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**PARTICIPATION ON RESEARCH PROJECTS**

NATIONAL (20):

Slovak research and development agency (APVV) (6):

- 2013-2017: EcoServ CL – Evaluation of ecosystem functions and services of the cultural landscape
- 2008-2010: Model of the representative geoecosystems on the regional level
- 2006-2009: Landscape changes of the Biosphere Reserve Tatra in recent 200 years in relation to changing natural and socio-economical conditions
- 2005-2007: Evaluation of rural agricultural landscape in the transitive economics
- 2002-2007: Integrated landscape management
- 2002-2007: Creation of environmental limits for sustainable regional development (on the example of the model areas)

Scientific grant agency - VEGA (14):

- 2018-2021: Biocultural values of landscape
- 2016-2019: Changes in Slovak Landscape Driven by European Union Agricultural Policy
- 2015-2018: Green infrastructure of Slovakia
- 2015-2017: Long-term changes of selected soil properties and their ecosystem services depending on the different forms and intensity of agricultural land cultivation
- 2014-2017: Diversity of agricultural landscape and its ecosystem services
- 2014-2016: EKOMODEL – The ecological model of tourism development based on assessment of localization and realization assumptions of landscape with use of GIS tools and quantitation methods
- 2013-2016: Current utilization of high mountain landscape, its impacts on change of environment and assessment of carrying capacity of selected national parks of Slovakia
- 2012-2014: Evaluation of environmental quality of rural settlements
- 2011-2013: Significance and ecosystem services of historical structures of agricultural landscapes
- 2010-2012: Spatial and temporal trends in the 25-year accumulation of heavy metals in mosses in Slovakia
- 2010-2012: Identification of purposive landscape features as the basis of landscape ecological research
- 2009-2011: Landscape-ecological potential for development countryside in the Slovakia with regard to tourist traffic
- 2008-2010: Revitalisation of the landscape in the new socio-economic conditions
- 2007-2009: Evaluation of landscape diversity changes

INTERNATIONAL (13)

6th Framework Programme (4):

- 2004-2009: ALTER-Net – Long-term Biodiversity, Ecosystem and Awareness Research Network
- 2004-2009: SENSOR – Sustainability Impact Assessment - Tools for Environmental, Social and Economic Effects of Multifunctional Land Use in European Regions
- 2004-2006: SOBIO – Mobilising the European Social Research Potential in Support of Biodiversity and Ecosystem Management
- 2003-2006: RURAL-ETINET – Ekonomický a technologický intelligenčný projekt na podporu vidieckych oblastí v 6. Rámcovom programe

7th Framework Programme (2):

- 2012-2017: Operationalisation of Natural Capital and EcoSystem Services: From Concepts to Real-world Applications (OpenNESS)
- 2004-2011: POINT – Policy Influence of Indicators

Bilateral (2):

- 2017-2020: DREAM SK-AT – Danube River Research and Management in Slovakia and Austria (INTERREG V-A SK-AT/2016/1)
- 2008-2010: SCERES – Development scenarios of representative landscape ecosystems in the Slovak republic considering global changes

EU structural funds and EEA grants (5):

- 2015: Construction of "Center for Applied Remote Sensing of the Earth"

2012-2015: Renovation and construction of technical infrastructure for research and development of the Institute of Landscape Ecology of the Slovak Academy of Sciences

2010-2014: Research, development and application of advanced methods of geoinformatics, remote sensing and methods of parallel computation based on advanced hardware and software instruments, which enable parallel processing.

2009-2011: Center of excellence for protection and use of landscape and for biodiversity

2009-2001: EEA: Research and maintaining of biodiversity in historical structures of agricultural landscape of Slovakia

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**PUBLICATION RECORD (2001-2018)**

AAB Scientific monographs published in Slovakia (12)

ABC Chapters in scientific monographs published abroad (1)

ABD Chapters in scientific monographs published in Slovakia (2)

ADCA Scientific papers in foreign journals registered in CCC impacted (3)

ADCB Scientific papers in foreign journals registered in CCC non-impacted (1)

ADEB Scientific papers in other foreign journals not-registered in CCC non-impacted (1)

ADFB Scientific papers in other domestic journals not registered in CCC (8)

ADMA Scientific papers in foreign impacted journals registered in Wos a SCOPUS (4)

ADMB Scientific papers in foreign non-impacted journals registered in Wos a SCOPUS (1)

ADNB Scientific papers in domestic non-impacted journals registered in Wos a SCOPUS (4)

Total citations (2001-2018) - 308

h-index Web of Science: 4

h-index Google Scholars: 6