

Curriculum vitae

Personal:

Jiří Prošek, born 1990 in the Czech Republic

Affiliations:

Since 2015 Department of Applied Geoinformatics and Spatial Planning at the Faculty of Environmental Sciences, Czech University of Life Sciences Prague

Since 2017 Department of GIS and Remote Sensing at the Institute of Botany, Czech Academy of Sciences

Since 2017 Spatial Science in Environment and Ecology Research Group at the Faculty of Environmental Sciences, Czech University of Life Sciences Prague

Education:

Czech University of Life Sciences Prague, Faculty of Environmental Sciences

2013 – Present PhD degree – Applied and Landscape Ecology; thesis topic: Integration of Airborne High Resolution Spectral and Vertical Structure Information for Environmental Mapping.

2013 – 2015 Master's degree – Landscape Planning; thesis topic: Possibilities of use of GIS analyses for paths network design

2010 – 2013 Bachelor's degree – Spatial Planning; thesis topic: Analysis of traffic accessibility changes (network analysis).

Teaching experience:

Since 2015 Lecturer of GIS, Remote Sensing, Remote Sensing using UAVs

Since 2015 Supervisor and reviewer of Bachelor and Master Thesis (applications in Remote Sensing, GIS application)

Participation in research projects:

(2019-2022) Technology Agency of the Czech Republic (“TAČR”), „Identification of nationally important wintering grounds of aquatic bird species“, *RS data processing for species distribution modelling*

(2018-2019) Grant Agency of the Czech Republic (“GAČR”), „Fusion of LiDAR and UAV borne multispectral data to assess physiographic diversity of post-mining sites“, *RS data processing and analysis (integration of LiDAR and Hyperspectral data)*

(2018-2019) Grant Agency of the Czech Republic (“GAČR”), „The impact of urbanization on bird species diversity“, *GIS data processing and noise pollution modelling*

(2017-2019) European Regional Development Fund; Cross-border cooperation project – „landscape memory“, *RS data processing and analysis (Object based image analysis)*

(2015-2016) EEA Grants and Norway Grants; Fragmentation of biotopes, *GIS data processing and publication*

(2016-2019) Co-investigator of three Internal Grant Agency at Faculty of Environmental Sciences and Czech University of Life Sciences Prague with RS application topic.

Other:

Authorized operator of UAVs, member of the Academic Senate.