

Curriculum Vitae

Personal

Name: Michal Fogl

Date of birth: February 27, 1991 (Czech Republic)

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RG: https://www.researchgate.net/profile/Michal_Fogl

Affiliations

1/2018 – present

Department of Applied Geoinformatics and Spatial Planning,
FES, Czech University of Life Sciences Prague

Member of the TACR project working group

2017 – present

Department of Applied Geoinformatics and Spatial Planning,
FES, Czech University of Life Sciences Prague

*Member of Spatial Science in Ecology and Environment Research
Group*

Education

2015 – present

Department of Applied Geoinformatics and Spatial Planning,
FES, Czech University of Life Sciences Prague

Doctor's degree of Applied and Landscape Ecology

Thesis topic: The Use of Laser Scanning Data in the Environmental Sciences

2013 – 2015

Faculty of Environmental Sciences, Czech University of Life Sciences
Prague

Master's degree of Landscape Engineering

Thesis topic: Rooftop Solar Potential in Different Latitudes: Tree Structure Influence

2010 – 2013

Faculty of Environmental Sciences, Czech University of Life Sciences
Prague

Bachelor's degree of Landscaping, spec. Water Management

Thesis topic: The Use of Airborne LiDAR Systems in Ecology and Hydrology

2006 – 2010

Secondary Technical School of Land Surveying and Geodesy in Prague
Geodesy

Participation in Research Projects

2018 – 2019

Detection of infection forest bark beetle (*Ips typographus*) in advance using unmanned air vehicles

Technology Agency of the Czech Republic

Co-investigator

2018 – 2019

Remote sensing: an effective tool for the study of spatial dynamics of bark beetles at Krkonoše Mountains National Park
Grant Agency of the Czech University of Life Sciences Prague
Co-investigator

2017 – 2018

The influence of structure of growth on the species diversity and distribution of birds in the Giant Mountains national park
Internal Grant Agency of the Faculty of Environmental Sciences
Leader

2015 – 2016

Characteristics of the 3D structure of vegetation and terrain
Hornojiřetínská dump, migration routes and habitat preferences agile frog (*Rana dalmatina*)
Internal Grant Agency of the Faculty of Environmental Sciences
Co-investigator

Courses and Trainings

4/2019 – 5/2019

Department of Forest Management, Geomatics and Forest Economics,
Faculty of Forestry, University of Agriculture in Krakow, Poland
Internship

7/2013 – 8/2013

Ecosystems of Ireland
Ireland, FES, CZU Prague
Intensive summer school

6/2012 – 7/2012

Ecosystems of Northern Europe
Norway, Finland and Sweden, FES, CZU Prague
Intensive summer school

International Conferences

4/2017

The Use of Airborne Laser Scanning Data to Study Birds Habitat Requirements

Fogl M. & Moudrý V.

In: Doctoral Consortium on 3rd International Conference on Geographical Information Systems Theory, Applications and Management, INSTICC.

Porto, Portugal.

Teaching Experience

2015 – present

Department of Applied Geoinformatics and Spatial Planning

Seminars of GIS; Computer Technology Utilization; Cartography and Mapping