

The Slovak Academy of Sciences, Institute of Forest Ecology, invites applications for a fully funded 4-year PhD position in Forest Ecology.

PhD topic: *Spatial spreading of bark beetle infestations in spruce stands in relation to their health status*

The project focuses on modelling bark beetle spread in Norway spruce (*Picea abies*) forests using time series of satellite and aerial remote sensing data. The successful candidate will analyse spatial and temporal patterns of forest health and bark beetle outbreaks in a GIS environment.

Requirements

Applicants should hold a Master's degree in forestry, remote sensing, GIS, ecology, or a related field.

Required skills:

- Python and/or R
- Statistical analysis and ecological modelling
- ENVI and GIS/remote sensing software

Experience with UAV/drone operation is an advantage.

Supervisors

- Ing. Rastislav Jakuš, DrSc.
- Ing. Miroslav Blaženec, PhD.

Offer

- Full-time 4-year PhD position
- Competitive salary according to Slovak academic standards
- Research in forest disturbance ecology, remote sensing, and spatial modelling

Location: Zvolen, Slovakia

For enquiries, please contact:

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