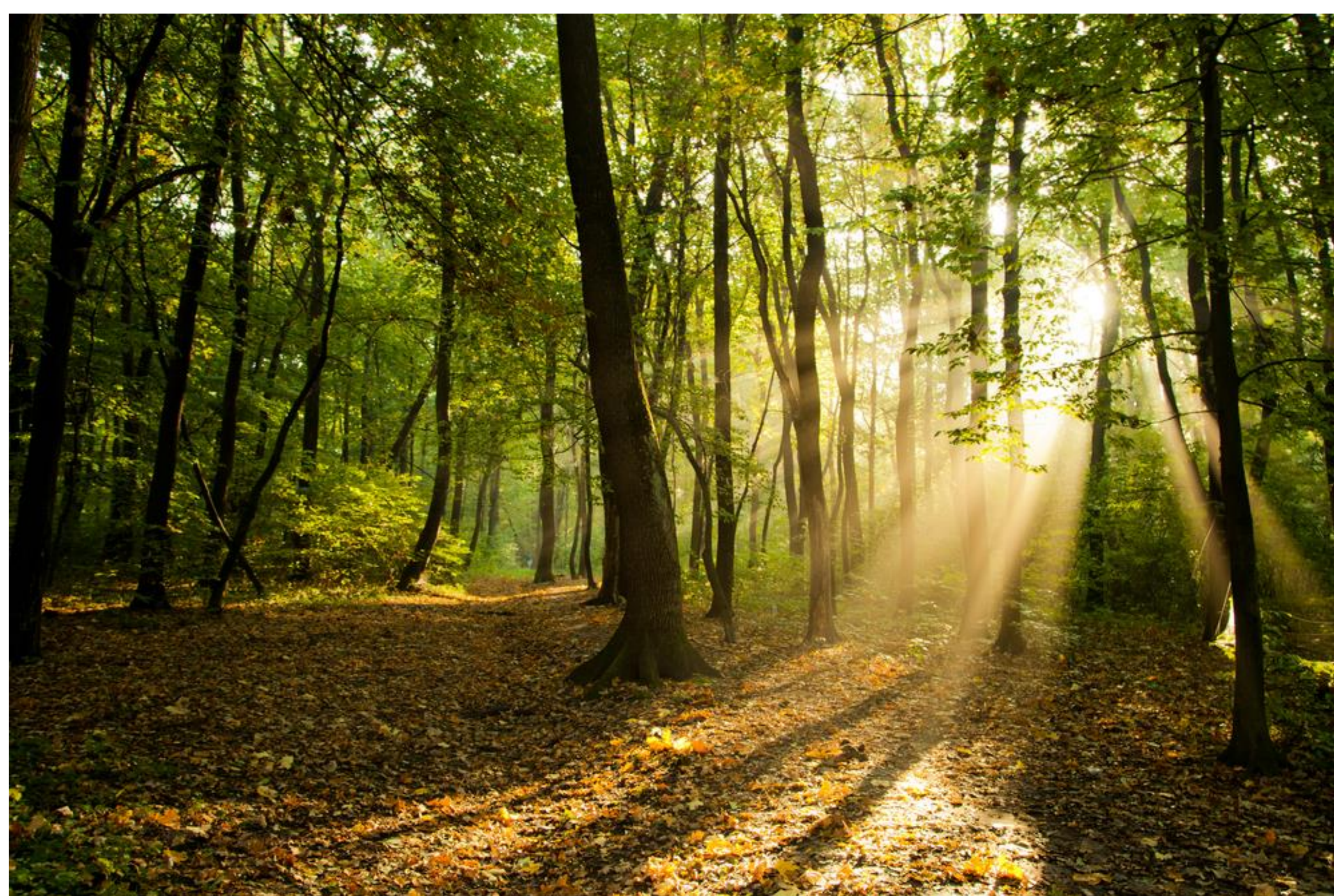


WHO WE ARE

- ★ CzechGlobe – Global Change Research Centre has been established as a centre of excellence of the Academy of Sciences in the Czech Republic in 2011. Using the spatially located infrastructure including modern techniques and instrumentation (e.g. eddy-covariance ecosystem stations, remote sensing laboratory, etc.), research is carried out in domains of climate modelling, ecosystem analysis, human dimensions and innovation and adaptation. CzechGlobe participates in international consortium projects (e.g. ESFRI: ICOS, EUFAR, ANAAE). Department of Human Dimensions of Global Change represents CzechGlobe in ESMERALDA project.
- ★ The scientific team of the department has reached significant results in a couple of fields, mainly in analysis and modelling of ecosystem services, climate change adaptation, risk assessment, socio-ecological research and sustainable governance of ecosystems. Main outcomes include not only various scientific work but also applied research results such as certified methodologies or map resources. We also organise workshops and conferences for researchers, practitioners, different types of stakeholders and general public.

OUR EXPERIENCE

- ★ Department of Human Dimensions of Global Change focuses especially on integrated and cross-cutting approaches and assessments of society and nature interactions within the framework of global change risks. We are using ecosystem services as an integrating concept. Other important topics include climate change adaptation and disaster risk reduction, together with decision-making support.
- ★ Mapping, modelling and assessment of ecosystem services
- ★ Climate change adaptation and perception
- ★ Assessment of vulnerability of human society and ecosystems
- ★ Assessment of adaptive capacity of human society
- ★ Participative approaches to support policies such as adaptation strategies
- ★ Spatial and trade-off analysis
- ★ Design and evaluation of national and municipal strategies
- ★ Participation in national and international projects
- ★ Involvement in IPBES and ESP



WHAT WE DO IN ESMERALDA

- ★ We are the partner in following work packages:
- ★ Stakeholder network & Implementation
- ★ Mapping methods
- ★ Assessment methods
- ★ Methods testing
- ★ Dissemination & Knowledge exchange

WE ARE ALSO INVOLVED IN

BASE, EnviSec, UrbanAdapt, CzechAdapt, URBANSERV



**David
Vačkář**

- ★ Head of Department
- ★ Ecosystem services
- ★ Climate change adaptation
- ★ Anthropogenic transformation
- ★ Sustainability indicators



**Jana
Frélichová**

- ★ Postdoctoral researcher
- ★ Ecosystem services assessment
- ★ Ecosystem services and disaster risk reduction
- ★ Ecosystem based approaches
- ★ Land use change analysis



**Eva
Streberová**

- ★ Research assistant
- ★ Ecosystem services assessment
- ★ Cultural ecosystem services
- ★ Human health and wellbeing
- ★ Social carrying capacity



**Adam
Pártl**

- ★ PhD student
- ★ Risk assessment and ecosystem services vulnerability
- ★ Adaptive capacity of human society
- ★ GIS analysis