

6th ESP Europe Conference

18-22 May 2026 | Prague, Czechia

SESSION DESCRIPTION

ID: T6b

Conflicts in the use of ecosystem services

Hosts:

	Name	Organisation	E-mail
Host (s):	Zita Izakovičová	Institute of Landscape Ecology, SAS	zita.izakovicova@savba.sk
Co-host(s):	Jana Špulerová Jakub Melicher František Petrovič		jana.spulerova@savba.sk jakub.melicher@savba.sk
Other organiser(s):	František Petrovič	Faculty of Natural Sciences and Informatics, UKF Nitra	fpetrovic@ukf.sk

Abstract:

Each ecosystem has a certain potential to fulfil multiple functions and subsequently provide many ecosystem services for humans. However, the use of one ecosystem service may threaten, restrict or limit the use of another ecosystem service. The interrelationships between the demand for ecosystem services may have various correlations:

- Mutually supportive, e.g. ecological services aimed at protecting biodiversity may also support the provision of several regulatory services (microclimate regulation, erosion protection, flood protection, etc.).
- Mutually indifferent, these are groups of services that do not influence each other in either a positive or negative direction.
- Mutually threatening, e.g. the demand for many production services is often associated with negative impacts on other ecosystems, which causes conflicts between production and ecological and supporting services (intensive agriculture negatively affects water protection, soil formation, etc.).

The preference for ecosystem service preferred and utilisation of the ecosystem depends only on human decisions. These decisions are not always optimal, which causes various problems in the landscape.

The session will focus on presenting methodological procedures for conflict assessment, on presenting proposals for the effective use of ecosystem services (conflict resolution) as well as on presenting good practices.

Goals and objectives of the session:

Developing a creative discussion about conflicts in the use of ecosystem services and finding ways to eliminate them – presenting new, innovative approaches

Planned output / Deliverables:

Selected papers will be published in the journal Ecology (Q3)

Session format:

professional section consisting of presentations and discussions, duration approx. 3 hours

Voluntary contributions accepted:

Yes, I allow any abstract to be submitted to my session for review

Related to ESP Working Group:

[TWG 6 – Integrated valuation of ES](#)