

IP6-A1: Workshop ”Modelling and monitoring socio-technical processes and patterns in multifunctional landscapes”

Wednesday 12 October 2022 14:00 (1h 30m)

Human behaviour, socio-technical infrastructures and governance arrangements determine jointly with biophysical conditions the option space for a sustainable use of landscapes. In the IP6 projects, a number of spatially explicit monitoring and modelling approaches are carried out to capture the socio-technical processes and patterns that shape the management of landscapes across environmental media and socio-economic functions (e.g. agricultural land use, impacts of climate change and adaptation measures, irrigation water demands, production of renewable energy and resources, trade-offs between land use and nature conservation as well as between different land use options). In this workshop, we will present our data inventories, the diversity of approaches and methods, showcase results and current progress of our monitoring and modelling activities, explore possible synergies and exploitation options and discuss the added value of leveraging links to and compatibility with natural science research concerning understanding and designing pathways towards multifunctional landscapes.

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Session Classification: Breakout Session