

## SESSION DESCRIPTION

### ID: T4b

The power of ecosystem services maps for transformative change

#### Hosts:

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#### Abstract:

Maps are powerful tools to communicate complex spatial information in a visual format to different audiences. Ecosystem services (ES) are a powerful approach to raise awareness on human dependence on a functioning and biodiverse environment. Thus, ecosystem services maps can be considered super-powerful tools for spatial analyses of coupled human–environmental systems. Such analyses include integrated assessments of human impacts on the environment by for instance land and sea uses, resource exploitation or climate change.

Present human–environmental interactions are – in most cases – not sustainable and demand for transformative societal change. In this session we want to elaborate more on whether and how ES maps – as super-powerful tools – can actually contribute to the urgently needed changes. Transformative change means behaving and acting differently – not just a little more or less of something we are already doing. And doing things differently should happen following combined bottom–up and top–down approaches. We are looking for all kind of examples, where ES maps might support, drive, detect and inform transformative change, including ES map applications for awareness–raising and capacity building, policy making, concrete environmental management and planning procedures, businesses or ecosystem accounting on different spatial and temporal scales.

We would like to know whether and how maps are used in combination with other efforts and with which types of methods to bring change. We are interested in both, stories of success and failure, in order to learn from each other's approaches and experience. Also, combinations of ES maps with scientific or non-scientific approaches and applications (e.g. citizen science, bottom-up and top-down public and private initiatives) in various sectors are relevant here.

**Goals and objectives of the session:**

Sharing experience and create new knowledge on how ecosystem services mapping can contribute to urgently needed transformative change.

**Planned output / Deliverables:**

A joint open access journal publication or a journal special issue.

**Session format:**

Standard session (presentations)

**Voluntary contributions accepted:**

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

**Related to ESP Working Group/National Network:**

[Thematic Working Groups: TWG 4 – Mapping ES](#)