

## International Transdisciplinarity Conference 2019

### Abstract template

#### Title

**How does the Global Land Programme foster transformative science through knowledge co-production?**

#### Contributors

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#### Keywords

Co-production of knowledge, land systems, global research network, global land programme

## **Abstract**

*Consider including the following information in the abstract, when relevant:  
scientific and societal problem and goals, research process and methods (with focus on co-pro-  
duction), summary of findings, ways towards impact*

There is growing recognition - in the land system science and land governance communities - that the implementation of the UN Sustainable Development Goals (SDGs) may ultimately translate into competing claims on scarce land resources. Therefore, science-policy-society interfaces are needed to co-design and co-produce innovative approaches to foster synergies and to navigate trade-offs, and thus to achieve the 2030 Agenda. But is land system science in a position to avail knowledge that is usable in the context of such interfaces, relevant for sustainability transformation, and aligned with societal knowledge needs?

The Global Land Programme (GLP - <https://glp.earth/>) addresses this question by developing, testing, and launching new network infrastructures, science-policy interfaces, and co-production approaches. GLP is a Global Research Programme of the Future Earth research platform and an international network of more than 2000 land system scientists. In 2018, it launched a working group composed of scientists focusing on the sustainable co-production of land systems with the aim of reaching out to the GLP community and exchanging on transdisciplinary research methods, approaches, and experiences.

A key activity of the working group has been the organisation of a series of five webinars, during which key elements of co-production research were presented, discussed, and finally brought together in a synthesis document that provides a road map for co-design and co-production in land system science. Based on a coherent change theory, this roadmap allows GLP scientists to align their work with and find entry points into co-production approaches.

This presentation summarises the entire co-production synthesis process, which took place between June 2018 and May 2019, and elaborate on how land system science can find better ways into societal processes to support practitioners. The audience will take home key messages on the setting-up and shaping of a co-production process aimed at enhancing the transformative leverage of land system science, but which are generalizable to other metadisciplines.

## **1–3 key readings (optional)**