

## Bridging across scientific disciplines and societal sectors: Examples for actionable knowledge generation from Future Earth's Knowledge-Action Networks

\*Thorsten Kiefer<sup>1</sup>

1. Future Earth Secretariat, Global Hub in Paris

The global socioeconomic transformation to sustainability is not an option, but an essential need for humanity's wellbeing. It is also evident that this transformation can only succeed if based on sound scientific knowledge that integrates the many different aspects that are inherent to the complex and interconnected processes underlying all sustainability challenges.

My presentation will feature examples how the integration of the broad scientific spectrum such as across natural sciences, social sciences and law, and the involvement of relevant stakeholders, can provide knowledge that is useful for decision making and for implementation of solutions on sustainability issues. Examples will be drawn from some of Future Earth's existing and emerging Knowledge-Action Networks such as those on ocean sustainability, the food-water-energy nexus, extremes and disaster risk reduction, decarbonisation, and the sustainable development goals.