Workshop: Use of socio-environmental systems modeling in actionable science: State-of-the-art, open challenges and opportunities

**Time of Event:**
Tuesday, March 13, 2018 - 09:00 to Friday, March 16, 2018 - 17:00

"Use of socio-environmental systems modeling in actionable science: State-of-the-art, open challenges and opportunities"

This is a closed meeting for a funded group of visiting scholars.

Computer models are commonly used by researchers in actionable science to inform decision-making and policy design in complex socio-environmental problems. Models are useful for generating, synthesising, and validating existing knowledge to help understand the long terms effects of human decisions on socio-economic and environmental systems. To improve the utility and impact of using models to inform policy in the future, it is crucial to keep advancing the way we develop and use these models. Towards this end, the objective of the workshop is to bring together a cross-disciplinary group of researchers to synthesize existing knowledge and datasets on the use of models to inform decision making in socio-environmental problems. This synthesis will result in a position journal paper to consolidate the existing experiences and current discussions in the field, and illuminate the remaining challenges and opportunities in order to advance the science and practice of socio-environmental modelling. Key challenges and opportunities may include how to improve the way we incorporate human factors (e.g. behaviours, values) into models to improve their relevance for stakeholders. Findings from this synthesis project will inform future actionable science efforts in the crucial and increasingly important area of developing and using computer models to support decision-making.

To learn more about this Pursuit, click here [1].

**Event type:**
Project Meeting

**Event Attendance:**
Private Working Group

**Source URL:**

**Links**