

Pursuit: Participatory Modeling

Time of Event:

Tuesday, January 30, 2018 - 09:00 to Friday, February 2, 2018 - 17:00

"Participatory Modeling"

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

Modeling is the language of scientific discovery. Whether modeling the social interactions of individuals within a community in anthropology, the trade-offs of foraging behaviors in ecology, or the influence of warming ocean temperatures on circulation patterns in oceanography, the ability to represent empirical or theoretical understanding through modeling provides scientists with a semi-standardized language to explain how we think the world works. In fact, modeling is such a basic part of human reasoning and communication that the formal practice of scientific modeling has been recently extended to include non-scientists, especially as a way to understand complex and poorly understood socio-environmental dynamics and to improve research and decision-making. Although the field of participatory modeling (PM) has grown in recent years, there are still considerable questions about how different software tools common to PM can be used to facilitate communication and learning among diverse groups, which approaches are more or less suitable (given the nature of a community or environmental issue), and whether these approaches effectively lead to action-oriented outcomes. We propose to address these questions by convening a group of scientists, computational modelers, facilitators, and policy makers to systematically generate information about the process, the products, and the outcomes associated with different PM approaches. Further, to increase the impact of our findings, we will create a web-portal for knowledge exchange that includes:

To learn more about this Graduate Pursuit, click [here](#) [1].

Event type:

Project Meeting

Event Attendance:

Private Working Group

Source URL: <https://www.sesync.org/events-announcements/mon-2017-11-27-1541/pursuit-participatory-modeling>

Links

[1] <https://www.sesync.org/project/enhancing-socio-environmental-research-education/participatory-modeling>