

Pursuit: Microbial disease dynamics, ecosystem processes, and human eutrophication of the environment

Time of Event:

Tuesday, June 18, 2019 - 09:00 to Friday, June 21, 2019 - 17:00

Microbial disease dynamics, ecosystem processes, and human eutrophication of the environment

This Pursuit will synthesize the relationships among rates of ecosystem eutrophication arising from human activities, host-pathogen interactions in primary producers, ecosystem processes, and their feedbacks to human health and well-being. The team will tackle this research with a multi-faceted approach, including developing new models that draw from both disease and ecosystem modeling approaches, synthesizing empirical data from marine, terrestrial, and freshwater ecosystems, and examining two case studies. This work will generate novel insights into the cross-ecosystem generality of disease impacts on elemental flux rates as well as the factors with the greatest potential to feedback and inform management for controlling disease impacts on elemental fluxes.

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

Event type:

Project Meeting

Event Attendance:

Private Working Group

Source URL:

<https://www.sesync.org/events-announcements/thu-2019-01-10-1023/pursuit-microbial-disease-dynamics-ecosystem-processes-and>

Links

[1]

<https://www.sesync.org/project/propose-a-pursuit/microbial-disease-dynamics-ecosystem-processes-and-human-eutrophication-of>