

Pursuit: Synergistic interactions of environmental degradation, socio-economic development and infectious disease dynamics in the Amazon region

Time of Event:

Wednesday, January 30, 2019 - 09:00 to Friday, February 1, 2019 - 17:00

Synergistic interactions of environmental degradation, socio-economic development and infectious disease dynamics in the Amazon region

This Pursuit will use data from land-use changes, disease records, and socio-economic surveys to map spatio-temporal patterns of disease transmission onto socio-economic changes underway in the Amazon, and vice-versa. The team will deliver a framework for formulating and parameterizing models of vector-borne diseases in landscapes undergoing rapid transformation. The modeling approach will build upon new economic methods for incorporating human decision-making/behavior in response to social and ecological heterogeneity in the built environment, as well as external forces and incentives. The team will apply this framework to the states of Acre in Brazil and Loreto in Peru to investigate alternative developmental pathways that represent possible win-win situations for health, the environment, and people's ability to move out of poverty.

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

Event type:

Project Meeting

Event Attendance:

Private Working Group

Source URL:

<https://www.sesync.umd.edu/events-announcements/mon-2018-11-05-1320/pursuit-synergistic-interactions-of-environmental>

Links

[1]
<https://www.sesync.org/project/propose-a-pursuit/synergistic-interactions-of-environmental-degradation-socio-economic>