

CGD SEMINAR



DATE: Tuesday, 20 September 2016

TIME: 11 a.m.

LOCATION: NCAR, 1850 Table Mesa Drive
Mesa Lab, Main Seminar Room

TITLE: Frontier fire in the Amazon: Local to global consequences of human-altered fire regimes in tropical forests

SPEAKER: Jennifer Balch, CU Boulder

ABSTRACT:

The tropics is a region marked by rapid landscape transformation and waves of frontier expansion that leave a patchwork of degraded and recovering forests amidst a matrix of human-dominated land uses. Fire is an integral tool in the transformation and management of these landscapes, as well as a pervasive threat to the longevity of tropical forests. Yet, our understanding of natural fire regimes and the consequences of human-altered fire frequencies in tropical forests is limited. In this talk, Dr. Balch will explore the global carbon consequences of tropical fires, both intentional and unintentional wildfires. And she will describe the effects of increasing fire frequency on the dynamics of a southern Amazon forest—based on one of the largest experimental burns in tropical forests.

Live chat: <http://www.fin.ucar.edu/it/mms/ml-live-chat1.htm>

Live webcast: <http://www.fin.ucar.edu/it/mms/ml-live.htm>

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