

Towards a global drought monitoring, forecasting and projection capability

Frontiers in Global Change
Seminar Series

Presented by...

Professor Eric Wood

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Abstract:

The impacts from drought are perhaps the highest among all natural disasters. In the United States there are a number of efforts to improve the monitoring and forecasting of drought, in part to improve the ability to provide information for improved coping and management of drought. Globally, activities under the Group of Earth Observations (GEO) and the World Climate Research Programme have activities related to improved monitoring and forecasting.

This seminar will present an overview of the monitoring, forecasting and future projection of drought, research currently being conducted by the speaker's research group. The seminar will present the development of our U.S. monitoring and forecasting system that has been extended to Africa and is being extended to a global drought system. Also to be presented is recent work on drought mechanisms, with a focus on the US in which research is being carried out to further understand drought on-set and recovery within the climate system and the deficiencies of forecast models to predict these well.

More info: <http://hydrology.princeton.edu/forecast/current.php>
and http://hydrology.princeton.edu/~nchaney/ADM_ML/

**Please join us for a meet and greet opportunity
with Professor Wood after the seminar.
~Refreshments will be served~**

Date: January 12

**Location: EMSL
Auditorium**

Time: 10:00 AM