



FLORIDA INTERNATIONAL UNIVERSITY
Civil and Environmental Engineering

Seminar Announcement

Dr. Ignacio Rodriguez-Iturbe

Professor, Department of Civil and Environmental
Engineering
Princeton University

Hydrologic Fluctuations and Vegetation Dynamics

Friday March 31, 11 AM

Room EC-3665 (CEE Main Seminar Room)

Address: 10555 W. Flagler Street, Miami FL 33174

The seminar will present a study of regional scale vegetation patterns and controls in tree/grass composition. Special emphasis will be placed in the role of soil moisture as the controlling factor of the space-time dynamics. The patterns of vegetation in savannas will then be contrasted with the spatial organization in river basins where the landforms are a determining factor in the soil moisture dynamics operating in the hillslope-drainage network system. A feasible optimal vegetation arrangement is suggested to operate around the structure of the drainage network.

For additional information, contact Dr. Fernando Miralles-Wilhelm at Florida International University (305-3483653, miralles@fiu.edu).