

# **GEOG 8260: Seminar in Environmental Geography Fall 2008**

## **Topic: Disturbance and Vegetation Dynamics**



American Environmental Photographs Collection, Department of Special Collections, University of Chicago Library

Instructor: Al Parker ([ajparker@uga.edu](mailto:ajparker@uga.edu), 542-2856)

Meets weekly on Monday from 1:25-3:20

3 credit hours. Call No.: 33480

We will read primary literature from geography, ecology, and related fields that explores prominent debates and research issues in the field of disturbance ecology and vegetation dynamics.. Discussions each week will focus on a selection of readings organized around a specific theme. Participants will read and participate actively, lead discussions, and develop annotated bibliographies on a relevant topic.

A selection of possible topics includes:

- Disturbance, patch dynamics, and biocomplexity
- Reconstructing stand dynamics: Dendroecology
- Fire ecology and geography
- Wind/ice-related disturbance effects
- Geomorphic disturbance agents
- Climate-growth interactions: Dendroclimatology
- Disturbance ecology and landscape dynamics
- Vegetation dynamics and conservation biology
- Vegetation dynamics and global change
- Vegetation dynamics and environmental policy