



2012 Yosemite Forum

Sponsored by Resources Management and Science, Yosemite National Park

An interactive lecture series designed to bring evolving knowledge of the Sierra Nevada to the public and the park.

A Mammal's Take on the Rapture Hypothesis, Jacob's Ladder, and Other Notions of Gloom, Doom, and Uniform Change in Alpine Ecosystems

DR. ROBERT C. KLINGER, ECOLOGIST, USGS

There is a widespread belief that a warmer climate may imperil many alpine mammal species, either because of physiological stress, habitat alteration, or a combination of the two. This belief may be overly simplistic though, both in terms of how mammals may respond to climatic shifts and how they could actually maintain their own habitat. This talk presents some of the findings from an ongoing study being conducted throughout the Sierra Nevada where scientists have been using remote sensing data, surveys of alpine mammal and vegetation communities, and field experiments to understand the degree to which climate shifts could affect mammal populations and vegetation communities, particularly meadows, in the alpine zone.

Tuesday, September 11, 2012
Auditorium, Yosemite Valley
Noon to 1 p.m.

Yosemite Forum is a partnership among:

- ☞ Yosemite National Park, Resources Management and Science Division
- ☞ USGS, Western Ecological Research Center, Yosemite Field Station
- ☞ University of California, Sierra Nevada Research Institute
- ☞ The Yosemite Conservancy

