

Andrew Hansen, Ph.D., Professor in the Ecology Department and Director of the Landscape Biodiversity Lab at Montana State University

Bio:

Andrew Hansen is Professor in the Ecology Department and Director of the Landscape Biodiversity Lab at Montana State University. He teaches macroecology to undergraduates and landscape ecology to graduate students. His research focuses on interactions among biodiversity, climate change, and land use, with an emphasis on large landscape management and protected areas. He received a Ph.D. in ecology at the University of Tennessee and the Oak Ridge National Laboratory. He was on the faculty of Oregon State University, where Dr. Hansen studied ecological approaches to forestry at stand and landscape levels. Current research at Montana State University focuses on evaluation of ecological integrity of large wildland ecosystems through application of remotely sensed and ancillary data. Dr. Hansen has published widely on these topics and is the lead editor of the recent book, "Climate Change in Wildlands: Pioneering Approaches to Science and Management.

Title:

"Potential changes in climate suitable habitat of Whitebark pine in Greater Yellowstone under climate scenarios"

Story: I have enjoyed working with Bob Keane on forest ecology for several years. For most of those, we have had a light-hearted disagreement about the climate tolerances of whitebark pine in the Yellowstone area. I tend to be in the whitebark zone every weekend, on some type of outing or another and do not see much evidence of the species tolerating warm and dry conditions very well. The presentation will report on some of the studies Bob and I have designed to try to answer the question, and hopefully help guide future management efforts.