

Impacts of Changing Climates in Natural and Managed Systems

Room: Gjerde Center Main Hall

Moderator: Duane Horton

- 3:00 **THE INFLUENCE OF CLIMATE VARIABILITY ON NITROGEN DEPOSITION IN THE NORTHWEST UNITED STATES.** *Sarah M Anderson*, Benjamin A Harlow, Serena H Chung, Washington State University, Pullman, WA; Jeffrey M Welker, University of Alaska Anchorage, Anchorage, AK; R. Dave Evans, Washington State University, Pullman, WA
- 3:20 **COMBINING A DYNAMIC GLOBAL VEGETATION MODEL WITH A SOPHISTICATED CLIMATE ENVELOPE MODEL TO PROJECT IMPACTS OF CLIMATE CHANGE ON WESTERN WASHINGTON FORESTS AT REGIONAL AND LANDSCAPE SCALES.** *David Ross Conklin*, Common Futures, Corvallis, OR; Joshua S. Halofsky, Washington State Department of Natural Resources, Olympia, WA; Jan Henderson, US Forest Service (retired), Edmonds, WA
- 3:40 **A REGIONAL PERSPECTIVE ON HOLOCENE FIRE REGIMES IN THE PACIFIC NORTHWEST.** *Megan K. Walsh*, Central Washington University, Ellensburg, WA; Jennifer R. Marlon, Yale University, New Haven, CT; Simon J. Goring, University of Wisconsin-Madison, Madison, WI; Kendrick J. Brown, Natural Resources Canada, Canadian Forest Service, Victoria, BC and University of British Columbia, Kelowna, BC, Canada; Daniel G. Gavin, University of Oregon, Eugene, OR
- 4:00 **PREDICTED INTERACTIVE INFLUENCES OF CLIMATE CHANGE AND AGRICULTURAL INTENSIFICATION ON STREAM HABITAT IN A PACIFIC NORTHWESTERN WATERSHED.** *Sandra J. DeBano*, David E. Wooster, Oregon State University, Hermiston, OR; Jon Walker, Laura McMullen, ICF International, Portland, OR; Donald Horneck, Oregon State University, Hermiston, OR
- 4:20 **EXAMINING THE RESPONSE OF STEELHEAD (*ONCORHYNCHUS MYKISS*) TO CLIMATE CHANGE AND AGRICULTURAL INTENSIFICATION IN THE UMATILLA BASIN USING A SPATIALLY EXPLICIT MODEL.** *David E. Wooster*, Sandra J. DeBano, Oregon State University, Hermiston, OR; Willis McConnaha, Jon Walker, Laura McMullen, ICF International, Portland, OR; Donald Horneck, Oregon State University, Hermiston, OR