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Permission date

Photo



Website

Research Fields

- Atmospheric chemistry
- Biogeochemistry
- Carbon Footprint Analysis
- Climatology
- Community & Disaster Planning
- Data Analysis & Statistical Modeling
- Ecology & Ecosystem Management
- Economics
- Energy policy & technology
- Ethics
- Fire
- Forestry & Forest Management
- Geographic Information Systems
- Horticulture
- Human Impacts - economics
- Human Impacts - health
- Human Impacts - policy
- Hydrology
- Impacts - agriculture & horticulture
- Impacts - ecosystems, populations
- Impacts - physical
- Instrumentation
- Mitigation Policy
- Modeling Climate
- Modeling Ecosystems
- Modeling Socioeconomic Processes
- Natural Resource Policy & Planning
- Outreach & Engagement
- Paleoclimatology
- Paleoecology
- Physical Ecology
- Physiological Ecology
- Urban Ecology
- Water Policy & Planning
- Other...

Specific Research Interests

Interactions of social and ecological factors; connections between humans and natural resources; intertwined roles of science, communications, and social acceptance of resource management.

Projects

Five-Star environmental evaluation; Columbia Gorge Vital Indicators; Oregon Sustainable Agriculture Center; Future Range of Variability; Salmon 2100.

Selected Recent Publications

Duncan, Sally L., and J. R. Thompson. 2006. Forest plans and ad hoc scientist groups in the 1990s: coping with the Forest Service viability clause. *Forest Policy and Economics*.

Duncan, Sally L. 2006. Mapping Whose Reality?: GIS and Wild Science. *Public Understanding of Science* 15(4):411-434.

Duncan, Sally L., and D.H. Lach. 2006. GIS Technology in Natural Resource Management: Process as a Tool of Change. *Cartographica* 41(3):201-215.

Duncan, Sally L., and D.H. Lach. 2006. Privileged Knowledge and Social Change: Effects on different participants of using GIS technology in natural resource management. *Environmental Management* 38:2, pp.267-285.

Johnson, K. Norman, Sally L. Duncan, and Thomas A. Spies. 2007. Regional policy analysis of forest biodiversity problems: lessons from a decade of effort. *Ecological Applications*. 17(1):81-90.

Lackey, R.J., D.H. Lach, and S.L. Duncan. 2006. The Salmon 2100 View of Wild Pacific Salmon. *Fisheries* 31(7), pp.344-351.

Binkley and Duncan. 2007. The Past and Future of Colorado's Forests: connecting people and ecology. In review.

Duncan, S.L., B. McComb, and N. Johnson. 2007. Integrating Ecological and Social Ranges of Variability in Conservation of Biodiversity: Past, Present, and Future. In review.

Duncan, S.L.. 2007. Humans in the environment: the Sierra Nevada case. In review.

Johnson, N., and S.L. Duncan. 2007. Conclusion to Manage By: The Future of the Idea of FRV. In review.

McComb, B., and S.L. Duncan. 2007. Biodiversity Conservation and the Historical Range of Variability in Western Massachusetts Forests. In review.

McComb, B., and S.L. Duncan. 2007. Biodiversity Conservation in Contemporary Landscapes, Stressors, and Ranges of Variability: Scientific and Social Views. In review.

Mitchell, R.J., and S.L. Duncan. 2007. Southern Coastal Plain Forests and Range of Variability: Its Historical, Contemporary, and Future Role in Sustaining Biodiversity. In review.

Reeves, G. and S.L. Duncan. 2007. Illusions of failure in managing aquatic ecosystems: ecological history versus social expectations. In review.

Thompson, J.R., and S.L. Duncan. 2007. An evaluation of HRV as a conservation approach and a look at the FRV of the Oregon Coast Range. In review.

Professional Activities