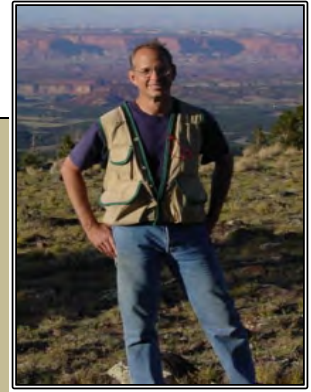


David J Mattson, Ph.D.



Short Biography

Dr. David Mattson is Lecturer and Visiting Senior Scientist at the Yale School of Forestry and Environmental Studies, Research Associate at the Northern Rockies Conservation Cooperative, and Adjunct Faculty at Northern Arizona University. His former positions, prior to retirement from the U.S. Geological Survey, include Research Wildlife Biologist, Leader of the Colorado Plateau Research Station, and Western Field Director of the MIT-USGS Science Impact Collaborative, all with the USGS. He holds degrees in Forest Resource Management and Forest Ecology and a doctorate in Wildlife Resource Management from the University of Idaho. Dr. Mattson has studied large carnivores for 35 years and has incorporated ecological information from pumas and grizzly bears into demographic, habitat, and risk management models. His ecological research has also included focus on details of carnivore behaviors, including foraging, predation, and relations with humans. His human dimensions research has focused on conservation policy issues dealing with social, political, and organizational dynamics that shape policies and practices of carnivore and other conservation programs. David teaches classes on relations between science and policy. His work has been featured in *Science*, *Ecology*, *Conservation Biology*, *Biological Conservation*, *The Journal of Wildlife Management*, and the *Journal of Mammalogy*, and invited talks at the Smithsonian, American Museum of Natural History, the American Institute of Biological Sciences, and International Conferences on Bear Research and Management.

Areas of research

- Behavioral ecology and demography of large carnivores
- Spatial models of habitat suitability and demography
- Human-large carnivore relations
- Public interest leadership
- Conservation policy and decision-making
- Relations between science and policy

Past and present research projects

- Demography, foraging behavior, and relations with humans and habitat, Yellowstone grizzly bears, 1979-present
- Demography and relations with humans and habitat, Kluane grizzly bears, Yukon Territory, 1992-2006
- Models of habitat suitability for grizzly bears in western North America, 1995-present
- Conservation policy systems for grizzly bears, mountain lions, and wildlife water developments, 1995-present
- Practices to foster coexistence between ranchers and grizzly bears, western Montana, 1998-present
- Demography, foraging behavior, and relations with humans and habitat, mountain lions in Arizona, Utah, and Nevada, 2002-present
- Leadership and stakeholder perspectives in conservation practice, 2004-present

Contact Information

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Publications

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