

Mexican Spotted Owl Research and Monitoring Workshop

Health and Learning Center Room 2405, NAU Campus

Organized by the 4FRI Multi-Party Monitoring Board

Workshop Need: (from the MSO Recovery Plan) *“Communication and collaboration among scientists, land managers, and interested publics should play a key role in shaping future research. Managers need to understand the methods, problems, and uncertainties involved with gaining reliable knowledge from ecological research. Scientists, on the other hand, must rely on managers to identify appropriate questions and political and legal constraints, to implement experimental treatments, and to develop appropriate implementation of knowledge derived from research results in an adaptive management context.”*

Workshop Goals:

- Information sharing among stakeholders, researchers, and managers
 - Learn about recent research findings from on-going and future long-term MSO projects
 - Learn about research and monitoring questions, appropriate scales and implications of results
 - Define and clarify terms, methods, challenges in MSO monitoring and research

Workshop Agenda:

10:00 am	Welcome – Amy Waltz, and the 4FRI Multi-party Monitoring Board
10:10 am	Mexican Spotted Owl Recovery Plan highlights – Shaula Hedwall, US Fish and Wildlife Biologist, & Bill Block, Rocky Mountain Research Station)
10:40 am	Monitoring Trends in Site Occupancy by Mexican Spotted Owls in Arizona and New Mexico – Karl Malcolm, USFS R3 Wildlife Ecologist, Wendy Lanier and Jennifer Blakesley, Bird Conservancy of the Rockies
11:10-11:40	Evaluating recovery plan recommendations using recent data from the Sacramento Mountains, New Mexico – Joe Ganey, Rocky Mountain Research Station ecologist
11:40-12:00	Revisiting the Rodeo-Chediski fire: Mexican spotted owl habitat occupancy in a burned landscape – Mike Lommler, School of Forestry, NAU
12:00-1:15	Lunch (Generously provided by SRP, GFFP, TNC and ERI – thank you!)
1:20-1:40	Characterizing and comparing tribal and non-tribal MSO habitat using remote sensing and stand exam results from tribally managed MSO breeding areas – Serra Hoagland, Rocky Mountain Research Station and NAU School of Forestry
1:40-2:00	Multiscale habitat modeling for Mexican spotted owl and planned future simulation modeling of climate change and landscape restoration – Sam Cushman
2:00-2:20	Extending multiscale habitat modeling to Sacramento Mountains New Mexico, and overview of planned simulation modeling – Ho Yi Wan
2:20-2:40	Break
2:40-3:00	Forest Project research: 4FRI, FWPP – Shaula Hedwall
3:00-3:30	Discussion and questions from the MPMB – Amy Waltz
3:30	Adjourn
4:00	Optional! Post workshop happy hour – Southside Tavern @ 117 S. San Francisco St.