

**MARY MCFADZEN**  
**Assistant Director for Science Communication and Education**

Montana State University  
LRES Department  
PO Box 173120  
Bozeman, MT 59717  
406-994-7551  
mmcfadzen@montana.edu

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**EDUCATION**

Professional Development Certificate in Distance Education, Univ. of Wisconsin, Madison, 2006  
Master of Science in Biology - Ecology emphasis, Utah State Univ., Logan, 1996.  
Bachelor of Arts in Zoology - Natural History emphasis, Univ. of Montana, Missoula, 1986.

**PROFESSIONAL EXPERIENCE**

**ASSISTANT DIRECTOR/EDUCATION PROGRAM COORDINATOR**

Center for Invasive Plant Management, Montana State Univ., Bozeman (2003-present)

- Developing interactive online workshops, self-study modules, web conferences, and multimedia presentations that communicate invasive plant ecology and science-based management information to natural resource managers and educators.

**ECOLOGIST**

Conducted research on the effects of human and natural disturbances on avian nesting ecology and habitat use; developed management recommendations; developed NEPA documents.

- USDA Forest Service, Central Oregon Ecology Program, Bend, OR (2001-02)
- USDA Forest Service, Rocky Mountain Research Station, Missoula, MT (1997-2000)
- Science Applications International Corporation, Boise, ID (1996-97)
- Department of Biology, Utah State University, Logan (MS research, 1992-95)
- Greenfalk Consultants, Boise, ID (1991-94)

**WILDLIFE BIOLOGIST (seasonal work from 1986-1990)**

Conducted wildlife surveys; conducted research on eagle nesting and migration ecology; trapped and banded birds; developed management plans.

- Washington Department of Fish and Wildlife, WA
- Glacier National Park, MT
- Grand Teton National Park, WY
- University of Montana, MT
- Montana State University, MT
- US Fish and Wildlife Service, AK

**INTERPRETER AND TRIP LEADER (seasonal work from 1983-1986)**

Developed and presented materials on natural history and ecology; organized and led outdoor explorations.

- Point Reyes Bird Observatory, CA
- Banff National Park, Canada
- Olympic National Park, WA
- Wilderness Ventures, WY

**ACTIVITIES AND AWARDS**

City of Bozeman Wetland Review Board Member (2005-2007)  
USDA Deschutes National Forest, Bend, OR (2002)  
USDA Rocky Mountain Research Station, Missoula, MT (2000)  
USDI Glacier National Park, West Glacier, MT (1987)

## MARY MCFADZEN

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### PROFESSIONAL AFFILIATIONS

Ecological Society of America  
Greater Yellowstone Coordinating Committee  
National Association for Interpretation  
Natural Areas Association  
North American Association for Environmental Education  
Society for Ecological Restoration

### SCIENTIFIC PUBLICATIONS

- McClelland BR, PT McClelland and ME McFadzen. 2006. Longevity of bald eagles from autumn concentrations in Glacier National Park, Montana, and assessment of wing-marker durability. *Journal of Raptor Research* 40:151-155.
- Hejl SJ, KR Newlon, ME McFadzen, JS Young and CK Ghalambor. 2002. Brown Creeper (*Certhia americana*). In *The Birds of North America*, No. 669 (A. Poole and F. Gill, eds.). The Birds of North America, Inc., Philadelphia, PA.
- Kotliar NB, SJ Hejl, RL Hutto, VA Saab, CP Melcher and ME McFadzen. 2002. Effects of wildfire and post-fire salvage logging on avian communities in conifer-dominated forests of the western United States. *Studies in Avian Biology* 25:49-64.
- Richardson SA, AE Potter, KL Lehmkuhl, R Mazaika, ME McFadzen and R Estes. 2001. Prey of ferruginous hawks breeding in Washington. *Northwestern Naturalist* 28:58-64.
- Morishita TY, ME McFadzen, R Mohan, PP Aye and DL Brooks. 1998. Serological survey of free-living nestling prairie falcons (*Falco mexicanus*) for selected pathogens. *Journal of Zoo and Wildlife Medicine* 29:18-20.
- Marzluff JM, BA Kimsey, LS Schueck, ME McFadzen, MS Vekasy and JC Bednarz. 1997. Influence of habitat, prey abundance, sex, and breeding success on the ranging habits and habitat selection of prairie falcons. *Condor* 99:567-584.
- McFadzen ME and JM Marzluff. 1997. Behavior of prairie falcons during the nesting and fledging-dependence periods under fluctuating prey conditions. *Bird Behavior* 11:1-9.
- Marzluff JM and ME McFadzen. 1996. Do brood counts accurately measure productivity? *Wilson Bulletin* 108:151-153.
- McClelland BR, PT McClelland, RE Yates, EL Caton and ME McFadzen. 1996. Fledging and migration of juvenile bald eagles from Glacier National Park, Montana. *Journal of Raptor Research* 30:79-89.
- McFadzen ME and JM Marzluff. 1996. Mortality of prairie falcons during the fledging-dependence period. *Condor* 98:791-800.
- McFadzen ME, MS Vekasy, TY Morishita and JH Greve. 1996. Northern range extension for *Haematosiphon inodorus* (Duges) (Hemiptera: Cimicidae). *Pan-Pacific Entomologist* 72:41-42.