

# MICHAEL J. MANFREDO

Department of Human Dimensions of Natural Resources  
Warner College of Natural Resources, Colorado State University  
Fort Collins, CO 80523-1480  
Phone: (970) 491-0474  
Email: michael.manfredo@colostate.edu

---

---

Results-driven, forward-thinking, visionary executive administrator accomplished in academic leadership. Proven effectiveness in operations, management, and orchestrating for innovation and change. Builds from the excellence of faculty and staff to identify desired futures then establish the pathway to successful attainment of goals. Resourceful, decisive leader experienced in building cohesive, cross-functional teams, with a record of inter-disciplinary engagement. Strong ability for optimizing organizational performance.

- Proven success in managing two departments simultaneously with \$3.1 million annual budgets, \$6.2 million in sponsored research, \$975,000 in Agricultural Experiment Station and McIntire-Stennis Funds, \$200,000 in Extension Funds and more than 50 multi-disciplinary faculty and staff.
  - Strong ability to work with faculty to establish a vision, to mobilize the resources and expertise needed to develop programs around that vision, to build enthusiasm and faculty participation in new programmatic initiatives, and make these programs successful. Since 2009, introduced two innovative Master Programs that will increase Department base funding by \$410,000 annually beginning in 2014. The Conservation Leadership Through Learning Program won the *2013 Western Association of Graduate School Award for Excellence and Innovation*.
  - Influential communicator offering interpersonal skills to cultivate and build long-term relationships and networks with personnel, stakeholders, administration, external agencies and institutions, alumni, and students at the local, state, national, and international levels.
  - Established as a leading researcher in the area of human dimensions of wildlife and natural resources with an excellent record of publication, grant seeking, collaboration with top decision-makers, contributions toward building a professional network in a rapidly growing area of study and practice.
- 
- 

## ADMINISTRATION EXPERIENCE

### Colorado State University, Fort Collins, CO

*Department Head, Human Dimensions of Natural Resources (HDNR)* 1998-present  
*(Formerly Natural Resource Recreation and Tourism)*

*Interim Department Head, Forest, Rangeland and Watershed Stewardship (FRWS)* 2007-2010

- Manage and administer HDNR Department with 18 faculty, full-time administrative professionals, and staff; enrollment of 350 undergraduate and 70 graduate students across multiple degree programs.
- Managed and administered the FRWS department with 36 faculty, full-time administrative professionals, and staff; enrollment of 315 undergraduate and 94 graduate students.
- Oversaw the undergraduate and graduate programs of FRWS that included Forestry, Watershed Science, Rangeland Ecology, and Natural Resources Management.
- Oversee the academic quality and integrity of multiple degree programs in HDNR that include: M.S. and Ph.D. in Human Dimensions of Natural Resources; B.S. in Natural Resource Recreation and Tourism with concentrations in Natural Resources Tourism, Global Tourism, Environmental Communication, and Parks and Protected Area Management.

## MICHAEL J. MANFREDO

---

- Reversed multi-year decline in undergraduate enrollment in FRWS resulting in a 52 percent increase.
- Directed significant reorganization process that resulted in the creation of two new academic programs requiring considerable aptitude and skill for negotiation, gaining cooperation, and compromise from faculty and administration.
- Worked with faculty in proposing and developing new academic initiatives, including a Masters in Tourism Management, Conservation Leadership through Learning (CLTL), and new undergraduate curricula for Global Tourism and Environmental Communication, resulting in an expanded departmental service to areas of conservation and economic need, student employment opportunities, and increased enrollment.
- Led strategic planning and implementation processes formulating vision, mission, and strategic direction to transition our traditional recreation program to a broad based human dimensions program intended to address the social science aspects of natural resources management.
- Prepare, administer, manage, and control annual budget and expenses in excess of \$3.1 million annually (\$1.2 HDNR, \$1.9 FRWS), oversee the HDNR sponsored research programs budget of \$1.6 million, oversaw the FRWS sponsored research program of \$4.6 million, and \$200,000 from Extension.
- Managed the FRWS McIntire-Stennis and Agricultural Experiment Station Funds of \$975,000.
- Co-led an effort to develop an MOU with the Wildlife Institute of India committing to joint research and education. Currently active programs involve a large U.S.-based training program for Indian Forestry officials (with Indian Ministry of Environment and Forests, Indian Council of Forestry Research and Education) and a joint research initiative on translocation of people from Indian protected areas to support tiger conservation.
- Strong commitment to diversity. For example, arranged an MOU between Colorado State University and the Congressional Black Caucus with the purpose of pursuing joint initiatives to improve diverse perspectives in the environmental and natural resources field.
- Strong commitment to international and diverse cultural perspectives. With academic programs that take students to Mexico, The Bahamas, Belize, Kenya, Palau, Peru and New Zealand, Human Dimensions of Natural Resources was featured as a model Department for Study Abroad at CSU.
- Arranged assistance to the United Nations Convention to Combat Desertification by facilitating the involvement of U.S. scientists in the UNCCD COP-9 Buenos Aires, Argentina. Arranged for CSU and the Colorado Governor's Office to host the United Nations North American launch of the Decade of Deserts held on November 11, 2010.
- Manage all phases of Human Resource Administration including: hiring, workload assignment, tenure/promotion evaluations, annual evaluations, post tenure evaluations, disciplinary actions, internal investigations and compliance with university policies, procedures and HR laws.
- Provide faculty and staff development through coaching, mentoring, and advancement opportunities.
- Oversee the recruitment and retention of qualified and diverse full-time and adjunct faculty and staff.
- Secured cooperation with and provided assistance to other departments at Colorado State University in program development.
- Facilitate departmental contribution to the achievement of university diversity and equal opportunity goals.
- Work with College Development Office to raise private gift and other development funding to create and expand programs. Led effort and engagement with donors to secure \$1,400,000 for the new CLTL program, for a scholarship offered through the Congressional Black Caucus Institute, and for building a new classroom for HDNR's new Master programs.

# MICHAEL J. MANFREDO

---

- Deliver written reports or oral presentations to key decision makers including university president, vice presidents and provosts, boards, C-level executives, diverse committees and groups, U.S. congressional committees, United Nations representatives, and the media.
- Create and conduct public speaking and presentations locally, nationally, and internationally.

## PROFESSIONAL EXPERIENCE

**Colorado State University**, Fort Collins, CO

1989-present

*Professor, Human Dimensions of Natural Resources  
(Formerly Natural Resource Recreation and Tourism and Recreation Resources)*

*Associate Professor, Recreation Resources*

- Developed a \$7 million research program in the area of human dimension of natural resources.
- Established long-term cooperative research-outreach programs with the Colorado Division of Wildlife and the entire Western Association of Fish and Wildlife Agencies with a goal of improving wildlife decision-making through the inclusion of human dimensions information.
- Mentored 15 graduate students now placed in positions in agencies and academia that are advancing human dimensions of wildlife and natural resources.
- Investigator on 46 research/outreach projects.
- Established the peer-reviewed journal, *Human Dimensions of Wildlife*.
- Founded and led the Human Dimensions of Natural Resources Unit at Colorado State University to showcase and foster collaboration with social scientists at Colorado State University.
- Chair/co-chair of eight major conferences.
- Author of 70 peer-reviewed journal publications, six books, 24 book chapters, and numerous papers, presentations, and reports.

**University of Illinois at Champaign-Urbana**, Champaign-Urbana, IL

1987-1989

*Associate Professor, Leisure Sciences, Forestry, Institute for Environmental Studies*

**Oregon State University**, Corvallis, OR

1979-1986

*Assistant Professor, Resource Recreation Management*

## EDUCATION

**Ph.D.**, Recreation Behavior and Social Psychology, Colorado State University, Fort Collins, CO

**M.S.**, Recreation and Parks, Pennsylvania State University, State College, PA

**B.A.**, Anthropology, Pennsylvania State University, State College, PA

# MICHAEL J. MANFREDO

---

---

## PROFESSIONAL AFFILIATIONS

<b>North American Section of Society for Conservation Biology</b> Board Member	2009-2012
<b>21<sup>st</sup> Century Council of the Congressional Black Caucus Institute</b> Executive Board, Vice Chair	2008-present
<b>World Protected Area Commission, IUCN</b> Elected Member	2007-present
<b>University of Wageningen, Netherlands</b> Guest Scholar	2005-present
<b>Academy of Leisure Sciences</b> Fellow	1997-present
<b>International Association for Society and Resource Management</b> Advisory Board Member	1996-2006
<b>University of Sassari, Italy</b> Guest Scholar	May 2009

## ACADEMIC AND OUTREACH INNOVATIONS

### **Tourism Academic Initiative**

Initiated a strategy to establish CSU as the leader in Tourism education in the Western U.S. Established a CSU committee including the College of Business, Vice President Office of Engagement, Hospitality, and Agricultural Economics to engage in the initiative. Worked with faculty to create an on-campus Masters in Tourism Degree during the 2011-2012 academic year. Obtained funding for faculty to create courses for hybrid delivery (online, on-campus). These courses will provide the foundation for a distance MBA in Tourism provided jointly with the College of Business. They also allowed for introduction of a distance degree in Tourism provided by the HDNR Department and the College of Business. In 2013, 29 students enrolled in the on-campus degree program and 12 students in the distance program. An advisory board of 15 top tourism professionals has been established to guide the program and is led by the former chancellor of the Colorado Higher Education System. From a tuition sharing arrangement with the Provost, the HDNR Department hired three new instructors to facilitate delivery of the program. The 5-year target for MTM growth is the development of multiple tourism study concentrations, expansion into China, and the addition of 10 new instructors to the MTM program.

### **Conservation Leadership through Learning Program (CLTL); An Interdisciplinary Masters of Development Practice**

Conceptualized and introduced a new educational model over a three year period for developing the next generation of conservation leaders. Secured external funding and key institutional partners, developed the curriculum, gained University approval, arranged the logistics of a significant field component in Mexico, advertised the program, secured new campus resources for housing students, and initiated the first program. This program is offered in collaboration with Ecosur (El Colegio de la Frontera Sur) University in Mexico and will provide a dual M.S. degree. CLTL integrates traditional classroom instruction with

## MICHAEL J. MANFREDO

---

problem-based learning models and field study. A faculty team from multiple departments and colleges delivers the interdisciplinary curriculum applying a concept introduced and termed as “synergistic learning.” CONACyT, Mexico’s National Commission for Science and Technology, provides six scholarships for Mexican nationals. The inaugural offering began fall 2010 with 21 students, the second cohort began with 20 students in 2012 and the 2013 cohort has 19 students.

*In 2013, CLTL was given an award by the Western Association of Graduate Schools for Excellence and Innovation.*

### **Development of Social –Ecological Psychology Expertise at CSU**

Working collaboratively with the Department of Psychology, Department of Ecosystem Science and Sustainability, and School of Public Health to develop a program of study in this new and growing area. The program would bring elements of cross-cultural psychology, evolutionary psychology, and environmental conservation. In spring 2013, hosted three leading researchers in the social-ecological psychology area who advised on curriculum development.

### **New Interdisciplinary Undergraduate Curricula**

Worked with faculty to develop the following new curricula in 2002-2003:

- **Global Tourism** – an interdisciplinary program offered in collaboration with the College of Business, the Department of Hotel and Restaurant Management, Department of Language, and Office of International Programs at Colorado State University. This program allowed for the expansion of the more conventional Tourism and Commercial Recreation Concentration to meet needs in the expanding area of international tourism. Enrollment is now 60 students.
  
- **Environmental Communication** – an interdisciplinary program offered in collaboration with the Colorado State University Departments of Speech Communication, Technical Journalism, and the National Association of Interpretation. This program provided HDNR students with a broad background for entry to a wide number of communication positions in natural resources. Enrollment is now 50 students.

### **Colorado State University Human Dimensions in Natural Resources Unit**

Organized in 1992 to highlight the social science expertise on the CSU campus and to provide a linkage for practitioners interested in social science inquiry. The Unit dissolved in 2006 when the department name changed.

## **Research Contributions**

### **Research and Outreach Program Goals**

The strategic goals that have influenced and guided my research and outreach program development are:

- (1) Increase the availability of human dimensions information relevant to wildlife, parks, and natural resources management,
- (2) Provide for increased understanding of the role of human dimensions information in natural resources decision-making,
- (3) Facilitate the integration of human dimension information into the natural resources decision-making process,
- (4) Advance knowledge and theory development in the area of human dimensions of natural resources with emphasis on integration of the social sciences,

## MICHAEL J. MANFREDO

---

- (5) Develop new approaches that advance the social sciences in natural resources management and climate change,
- (6) Improve the working relationship between academics and practitioners, and
- (7) Extend cross-cultural investigation in human dimensions of fish and wildlife.

### **Research Program Initiatives**

#### **A Multi-level Social Science Approach to Fire Management in the West**

Assembled an interdisciplinary team of social scientists (political science, economics, sociology, anthropology, social psychology) to explore innovative approaches to dealing with the social component of wildfire management. The team is currently in the process of developing a proposal for funds that will secure funds for pilot testing the approach.

#### **Society and Wildlife: A European Research Network (In Review)**

Team member and adviser for a multi-country proposal to the European Union. The initiative proposes to establish a network of scientists that will examine the human dimensions of wildlife in Europe.

#### **The One Health of Protected Areas, Wildlife and Humans In India (In Development)**

Co-leading a cooperative initiative with Wildlife Institute of India and Umea University, Sweden to explore development of a program designed to explore collaboration in three areas: 1) the preservation of biodiversity, 2) the conservation of wildlife species, and 3) human wellbeing and health in the boundary zones of protected areas in India.

#### **Advancement of Human Dimensions in Wildlife Management: A Collaboration with the Western Association of Fish and Wildlife Agencies (WAFWA), (1998-Present)**

Led a team of CSU researchers in a long-term initiative to advance the utility and quality of social science assessment in wildlife management. Collaboration has facilitated cross-state comparison of study findings, allowed macro-micro level analysis of data, advanced the use of GIS in applying social science data, and applied social science concepts to linking children with nature. Also have worked toward development of a network of human dimensions professionals in state fish and wildlife agencies through trainings, workshops, and conferences. A capacity-building program in human dimensions for professionals has developed from this initiative.

#### **Global Wildlife Values Project (2005-2006)**

Developed a research project with researchers in Denmark, Germany, Estonia, Netherlands, and Thailand to initiate a global assessment of wildlife values. The initial phases of the project were directed at developing a measurement instrument and a values typology that would allow a qualitative approach to data collection. Researchers pilot tested data collection in Africa, Denmark, China, Estonia, Netherlands, Mongolia, Thailand, and the United States.

**Colorado Division of Wildlife-Colorado State University Cooperative Human Dimensions Initiative (1992-2000).** Led a team of CSU researchers and graduate students in an initiative dedicated to improving wildlife decision-making in Colorado through the provision of human dimensions expertise. Activities of the initiative included research, education, and consultation.

- Conducted approximately 35 research projects.
- Published 27 peer reviewed journal articles, 42 project reports, and seven book chapters.
- Delivered 61 presentations at professional meetings.
- Assisted in the education (through study team participation) of over 100 CDOW employees.

## MICHAEL J. MANFREDO

---

- Graduated seven Ph.D. students who are currently working with other western states on human dimensions initiatives.
- Initiated the peer-reviewed journal, *Human Dimensions of Wildlife*.
- Produced over 250 newspaper articles, and was highlighted in numerous radio and television features. Studies from the initiative were reported in high profile locations such as *CNN*, *USA Today*, *Newsweek*, *New York Times*, *Denver Post*, and the *Rocky Mountain News*.
- Informed numerous management teams including big game regulation review, management review team for creation of a human dimensions section in CDOW, and long-range planning.

### Research Projects

#### **Understanding People in Places: A Demonstration Project on the Utility of Geographically-Based Human Dimensions of Fish and Wildlife Information (2008-2012)**

In cooperation with the Western Association of Wildlife Agencies known as “People in Places”, this project explored advancements in linking geographic information analysis with human dimensions information to conduct interdisciplinary modeling to address issues such as human-wildlife conflict, strategic planning, and hunter recruitment. Four states are participating in the demonstration round of the project, Arizona, Montana, South Dakota, and Washington. Co-investigator with Tara L. Teel.

#### **Improving Conservation Education and Connecting Families to Nature through Programs Targeting the Wildlife Values of the Public (2009-2012)**

This project explored alternative ways to provide educational programs to stakeholders based on their wildlife value orientations. Funded by the Western Association of Fish and Wildlife Agencies through the 2009 Multistate Conservation Grant Program. Co-investigator with Tara L. Teel and Brett L. Bruyere.

#### **Understanding the Impacts of Conservation-Induced Displacement: Capacity Building to Enhance Protected Area Management and Wildlife Conservation in India (2009-2012)**

Funded by the U.S. Fish and Wildlife Service, this project intended to assemble expertise on forced human migration to provide guidance to Indian forest managers faced with the task of displacing humans from protected areas. The issue has grown in importance to Indian managers due to findings that suggest tiger populations are much lower than anticipated. Co-investigator with Tara L. Teel.

#### **Wildlife Values in the West (2002-2007)**

Funded through the International Association of Fish and Wildlife Agencies and in cooperation with the Western Association of Fish and Wildlife Agencies, this research project provided an assessment of public values toward wildlife for 19 western states. To establish trends in public thinking, the study will be replicated every 10 years. Co-investigator with Tara L. Teel.

#### **Hunter Responses to the Effects of Chronic Wasting Disease (2004-2006)**

Chronic wasting disease causes death in elk and deer in Colorado. It is unknown whether or not the disease can be transmitted to humans. The purpose of this eight-state study was to estimate the effects on hunting participation under conditions of increased spread and prevalence of the disease. Co-investigator with Jerry J. Vaske.

#### **Public Preference for Elk/Vegetation Futures in Rocky Mountain National Park (RMNP) (2001-2004)**

This study was to support RMNP planning efforts to deal with historically high elk populations. It had both an ecological and human dimensions component. The elk were believed to have a substantial effect

## MICHAEL J. MANFREDO

---

on the composition of vegetation, particularly on the winter range. The purpose of the human dimensions study was to obtain public preference for different potential futures and actions that could be taken to achieve those futures. Based on study results, RMNP initiated an annual elk-culling program. Co-investigator with Peter J. Fix and Tara L. Teel.

### **Colorado Division of Wildlife – Colorado State University Cooperative Human Dimensions Initiative Projects** (1992-2000) Projects included research in the following areas:

- Attitudes toward water uses in the Lower Arkansas River Basin.
- Colorado black bear hunting controversy: Amendment #10 post-election voter analysis.
- Coloradans' recreational attitudes toward wildlife.
- Experience-based recreation planning for wildlife viewing at the Rocky Mountain Arsenal.
- Frequency and effect of access problems encountered by hunters and anglers.
- Landowner attitudes toward the CDOW's landowner preference licensing system.
- Pheasant hunter attitudes toward fee hunting in Colorado.
- Raton pass check station: What do hunters think?
- The 1992 Colorado angler harvest study.
- Angler attitudes toward urban fisheries and attitude change among youths as an effect of a summer environmental education program.
- Attitudes and beliefs about land use and wildlife in La Plata County, Colorado.
- Colorado residents' attitudes toward reintroduction of the Gray Wolf in Colorado.
- Development of a predictive model of fishing participation and angler satisfaction in Colorado.
- Five-year trend analysis of hunter satisfaction with deer hunting in Colorado.
- Elk and deer hunters' preferences for regulatory management alternatives; 1995-1999.
- Elk bowhunters' perceptions of crowding and satisfaction.
- Factors affecting current and future waterfowl hunting participation in Colorado.
- Human responses to mountain lions at the urban-wildland interface.
- Knowledge of and attitudes toward endangered fish of the Upper Colorado Basin and the recovery program.
- Mount Evans wildlife-associated recreation study.
- Perceptions of the relationships among wildlife rehabilitators, animal control officers, and CDOW personnel.
- Retention, recruitment, and desertion in small game hunting.
- Segmentation of nontraditional wildlife audiences.
- Applying a system for monitoring hunter satisfaction in Colorado.
- Public acceptance of trapping in Colorado.
- Understanding voter behavior: A case study of Colorado's Amendment 14.
- The effects of information on ballot initiative voting behavior: The case of trapping.
- Anglers' willingness to pay for effects of whirling disease through license increases.
- Hunters' willingness to pay for Colorado elk and deer hunting opportunities.
- How hunters attribute the cause of hunting quality.
- A survey of customer satisfaction.
- A readership survey for *Colorado Outdoors*.
- A survey of watchable wildlife programs in North America.
- Angler satisfaction with trout fishing experiences; 1996.
- Acceptance of management alternatives for dealing with wildlife in Anchorage, Alaska (via the partnership with Alaska Fish and Game).
- Applying survey results in development of a management plan for Anchorage, Alaska (via the partnership with Alaska Fish and Game).

## MICHAEL J. MANFREDO

---

- Assessing hunters' willingness to pay increased license fees – This project provided estimates of participation and revenues under different price increase scenarios.
- Developing a standards-based approach to hunting recreation management for CDOW.
- Assessment of hunters' funding allocation preferences.
- Revising CDOW's Big Game Planning System.
- Assessment of hunter demand for deer and elk populations in Colorado.
- Assessment of crowding associated with Colorado big game hunting (Harvest Survey Data).
- Angling satisfaction in Colorado; 1998.
- Colorado Environmental Poll; 1993-1999.
- Evaluation of research needs at Rocky Mountain National Park.

**A Survey of National Park Superintendents Opinions Toward Conditions in the Parks.** 1994. National Parks and Conservation Association. Project Leader.

**The Effects of Information Level on the Stability of Willingness to Pay Estimates.** 1993. USFS Rocky Mountain Forest and Range Experiment Station. Project Leader.

**An Exploratory Analysis of The Physiological Benefits of Leisure.** 1992. USFS Rocky Mountain Forest and Range Experiment Station. Project Leader.

**An Assessment of Attitudes Toward Public Uses of the Arapaho and Roosevelt National Forest and Pawnee Grasslands.** 1993. USFS Rocky Mountain Forest and Range Experiment Station. Project Leader.

**A Test of Norm Focus Theory in Recreation Settings.** 1992. USFS Rocky Mountain Forest and Range Experiment Station. Project Leader.

**The Recreational Value of Big Horn Sheep in Waterton Canyon.** 1991. Colorado Division of Wildlife. Project Leader.

**Development of a Recreation and Tourism Assessment System for the Rocky Mountain Arsenal.** 1990. USFWS Wildlife Cooperative Studies Unit. Project Leader.

**Public Preferences for Non-consumptive Wildlife Recreation in the Denver Area.** 1990. Colorado Division of Wildlife. Project Leader.

**A Review of Theories of Attitude Change and Their Application in Natural Resource Communication and Tourism.** 1989. USFS Intermountain Forest and Range Experiment Station. Project Leader.

**An Assessment of Public Attitudes Toward Wilderness Fires.** 1989. Cooperative among USFS Research Stations. Project Leader.

**A Test of Belief-Based Persuasive Communication in Changing Attitudes toward Controlled Burn Policies.** 1989. Department of Recreation Resources, CSU. Project Leader.

**An Assessment of Marketing Opportunities for Recreation on Private Forest Lands in Central Illinois: Phase I.** 1989. McIntire-Stennis, Department of Forestry, University of Illinois, Project Leader.

## MICHAEL J. MANFREDO

---

**Attitudes and Persuasion Strategies Regarding Willingness to Pay for Outdoor Recreation Facilities in New Zealand.** 1988. Funded through the Centre for Resource Management at the University of Canterbury, funded by the Department of Tourism and Publicity and Department of Conservation, New Zealand. Co-Project Leader.

**An Assessment of Bias in the Illinois Sport Fishing Survey.** 1988. Illinois Department of Conservation, Division of Fisheries. Project Leader.

**An Assessment of Overflight Impacts on National Park and Wilderness Visitors.** 1988. National Park Service/USFS. Co-Investigator.

**An Investigation of Factors Influencing Effective Communication in Natural Resource Management: The Case of the Boundary Waters Canoe Area.** 1987. USFS Intermountain Forest and Range Experiment Station. Project Leader.

**Implementation and Evaluation of Promotional Activities to Increase Participation in Recreational Charter Fishing Along the Oregon Coast: Phase III.** 1986 - 1987. In Cooperation with the Oregon Coast Association. National Marine Fisheries Service. Project Leader.

**An Assessment of The Availability and Value of Opportunities for Disabled Hunters in Illinois.** 1987. USFS Rocky Mountain Forest and Range Experiment Station. Project Leader.

**Implementation and Evaluation of Promotional Activities to Increase Participation in Recreational Charter Fishing Along the Oregon Coast: Phase II.** 1985-1986. National Marine Fisheries Service. Project Leader.

**Implementation and Evaluation of Promotional Activities to Increase Participation in Recreational Charter Fishing Along the Oregon Coast: Phase I.** 1984 –1985. National Marine Fisheries Service. Project Leader.

**Self-Identity Benefits of Elk Hunting.** 1987-1988. Rocky Mountain Forest and Range Experiment Station. Project Leader.

**A Profile of New Donors and Ex-Donors to Oregon's Nongame Tax Check-off.** 1986. Oregon Department. of Fish and Wildlife, OSU Gen. Research Fund and Computer Center. Project Leader.

**Identification of the Characteristics and Preferences of Donators to Oregon's Nongame Tax Check-off Program.** 1984-1985. Oregon Department of Fish and Wildlife. Project Leader.

**Experience and Management Preferences of Oregon Coast Range Elk Hunters.** 1984. Forestry Research Lab, Oregon State University. Project Leader.

**Defining Research and Management Procedures for Identifying and Mapping Substitutable Recreation Sites.** 1982-1984. USFS, Pacific Northwest Forest and Range Experiment Station. Project Leader.

**Identifying and Describing Segments of Consumptive Users of Fish and Wildlife in the United States.** 1982-1984. U.S. Fish and Wildlife Service, Division of Program Plans, Washington, D.C. Project Leader.

## MICHAEL J. MANFREDO

---

**Preferences of Oregon Trout Fishermen.** 1982. Forestry Research Lab, OSU Computer Center, Oregon State University. Project Leader.

**An Initial Examination of Recreational Substitutability.** 1981-82. USFS. North Central Forest Experiment Station. Project Leader.

**The Cost Efficiency of Using Computer Mapping in Conducting Recreation Opportunity Spectrum Supply Inventories.** 1980-1981. Forestry Research Lab, Oregon State University. Project Leader.

**Refinement of Recreation Opportunity Spectrum System by Field Studies on BLM Lands in the Steens Mountain Area of Oregon.** 1979-1981. Bureau of Land Management and USFS, Rocky Mountain Forest and Range Experiment Station. Co-Project Leader.

**Time Consistency of Expectancy and Valence Components of Desired Psychological Outcome Scales.** 1979. USFS, Rocky Mountain Forest and Range Experiment Station. Project Leader.

**Preferences of Alsea River Steelhead Fishermen.** 1979. Benton County Parks Department, Corvallis, OR. Project Leader.

### Other Research Contributions

**Human Dimension Committee of the Western Association of Fish and Wildlife Agencies.** 1999-Present. Advise on issues regarding the human dimensions of wildlife management.

**Co-Founder and Co-Editor of the *Human Dimensions of Wildlife (HDW) journal.*** 1996-Present. The mission of HDW is to provide an open forum for natural resource managers and researchers to exchange current information on the human dimensions of fish and wildlife management.

**New Tendencies in Parks and Protected Area Management and Ecotourism.** Sardinia, Italy. October 2006. Member of Assessment Team.

**Participant on Waterfowl Think Tank assembled by the Wildlife Management Institute.** 2004. The purpose of this group was to provide recommendations for how to bring human dimensions information to the waterfowl regulation process.

Assisted in collaboration with IUCN, Taylor Francis, and Professor Jerry J. Vaske (Editor) to produce a special issue of the journal *Human Dimensions of Wildlife on Human-Wildlife Conflict*. Two thousand copies were distributed at the IUCN Congress conference in Bangkok, Thailand. November 2004.

*Journal of Society and Natural Resources.* 1989. Guest Editor for Volume 2, Number 2 issue dealing with Human Dimensions in Wildlife.

*Wildlife Society Bulletin.* 1989. Co-Editor for Vol. 17, Number 4. This was the first *Bulletin* issue devoted to the human dimensions topic.

*Leisure Sciences.* 1986-1989. Associate Editor.

*Journal of Leisure Research.* 1989-1992. Associate Editor.

## MICHAEL J. MANFREDO

---

Consultant for City of Boulder, Boulder, CO. Estimating recreation use on Boulder Open Space. 1991 – 1993.

Invited testimony for the United States House of Representatives Oversight Committee on the State of Wilderness Management in the USFS. August 1989.

Consultant for Fleishman-Hilliard, St. Louis, Illinois. Expert evaluation and assessment of Illinois State Parks for tourism potential. 1988.

Program reviewer for the United State Forest Service Rocky Mountain Forest and Range Experiment Station Project on Resource Valuation. 1996.

### OUTREACH CONTRIBUTIONS

#### Training Projects

##### **Improving Conservation Education and Connecting Families to Nature through Programs Targeting the Wildlife Values of the Public (2009-Present)**

This project is being conducted in cooperation with the Children and Nature Network and funded by WAFWA. The purpose is to show how values information can guide the development of programs that engage families in wildlife oriented educational and recreational activities. Project jointly investigated with Tara L. Teel and Brett L. Bruyere.

##### **Human Dimensions of Wildlife Education and Certification Program (2008)**

Offered in cooperation with the Western Association of Fish and Wildlife Agencies provided a broad-based program on the concepts, methods, and applications of human dimensions information. Twenty employees of various fish and wildlife agencies were awarded a Human Dimensions Specialist designation following the completion of a four-week course of study designed to provide students with a working-level expertise in human dimensions of fish and wildlife inquiry. Project jointly investigated with Tara L. Teel.

#### Conferences

**17<sup>th</sup> International Symposium on Society and Resource Management.** June 2013. Co-Chair. Organized, raised funds, and planned the 17<sup>th</sup> International Symposium on Society and Resource Management, held at the YMCA of the Rockies. The focus of this conference was on integration of the social sciences for improved contributions to natural resources management. In an effort to broaden the participation of diverse social scientists in ISSRM, a diverse group of participants served as plenary speakers and participated in development of a book on the conference topic.

##### **Human Dimension of Fish and Wildlife Conference – Pathways to Success.** 2008, 2010, 2012.

Developed and Co-Chaired with Jerry J. Vaske.

On-going conference series intended to increase the professionalism and practice of human dimensions in wildlife management, share and advance research findings, establish a network of human dimensions professionals, provide human dimensions training for practitioners, provide a forum for discussing critical issues in human dimensions science and practice. This conference is intended to increase the professionalism and practice of human dimensions in fish and wildlife management at a domestic and international level.

## MICHAEL J. MANFREDO

---

The Inaugural Pathways conference was developed in cooperation with Wildlife Society, American Fisheries Society, Organization of Wildlife Planners, International Association of Fish and Wildlife Agencies, Society for Conservation Biology, IUCN World Commission on Parks, Society for Range Management, Wildlife Management Institute, University of Montana, Cornell University, and Texas A&M University. Conferences have been held in 2008, 2010 and 2012 with between 250-350 people in attendance and more than 30 nations represented. The conferences have representation primarily from academia, wildlife and land management agencies, and non-governmental organizations. After 2014, the conference is being planned for offering in Europe.

**10<sup>th</sup> International Symposium on Society and Resource Management.** June 1-6, 2004. Co-Chair. Participated in all phases of organizing, fundraising, and planning for the 20-year anniversary International Symposium on Society and Resource Management. Attended by over 600 people. Keystone, Colorado,

**The International Conference of the Wildlife Society.** Christchurch, New Zealand. December 1-5, 2003. Session Organizer. Co-sponsored/organized the session "Incorporating community values in wildlife management".

**World Parks Congress.** September 2003. Task Team on Human-Wildlife Conflict. The group's work led to the adoption of a recommendation dealing with the human-wildlife conflict. This and other recommendations from the Congress will guide IUCN activities over the next decade. Durban, South Africa.

**2001 International Symposium on Society and Resource Management.** La Maddalena National Park, Sardinia, Italy. October 2002. Co-Chair. Planned in cooperation with University of Sassari, Italy and La Maddalena National Park, Italy in coordination with the IUCN World Parks Commission. The theme of the symposium: "Global challenges of parks and protected area management".

**Congress on Recreation and Resource Capacity** Snowmass, CO, November 1999. Co-Chair. Sponsored by 20 land management agencies, fish and wildlife agencies, non-governmental organizations, and academic institutions, with 500 managers and stakeholders participating. The purpose of the conference was to revisit the importance of the carrying capacity concept since its introduction more than 30 years earlier.

**Human Dimensions Needs of State Fish and Wildlife Agencies.** Fort Collins, CO. February 4-6, 1998. Co-organizer. Workshop among state fish and wildlife agency directors and associate directors dealing with human dimensions needs among agencies. Cooperators included Wildlife Management Institute, USDI Management Assistance Team, Organization of Wildlife Planners, and Colorado Division of Wildlife..

**Symposium on Human Dimensions of Natural Resources (SHDNR) in the Americas.** Belize City, Belize. February 25-March 2, 1997. Co-Chair. This symposium emerged from the success of the Symposia on Society and Natural Resources held in the U.S. from 1986-1996. This internationalized the conference, and it continues to be offered at international destinations every other year.

**Fifth International Symposium on Society and Resource Management (SSRM).** Fort Collins, CO. June 7-10, 1994. Program Chair.

## MICHAEL J. MANFREDO

---

The theme was "Improving Partnerships Between Researchers and Managers." Conference attendance was 700. The conference was sponsored by most of the major federal agencies which deal with natural resource policy: Bureau of Land Management, Soil Conservation Service, United States Forest Service (USFS), National Parks and Conservation Association, Parks Canada, and Man and the Biosphere Program.

**Human Dimensions Information Needs in the Rocky Mountain Region Workshop.** Fort Collins, CO. March 1992. Regional Host.

The workshop was attended by over 30 natural resource managers from the region: Colorado DNR, Colorado DOW, U.S. Fish and Wildlife Service, United States Forest Service, and the Bureau of Land Management. Workshop identified key human dimensions concerns in the region.

**Second Symposium on Social Science in Natural Resources.** University of Illinois, Champaign, IL. May 1989. Program Committee.

Involved in all phases of the symposium including fund-raising, organization, and planning for publications.

**National Wilderness Research Conference.** Colorado State University, Fort Collins, CO. July 1985. Co-Chair.

A major interdisciplinary research conference dealing with wilderness. Two major publications arose from this conference: a book, *Wilderness: A Review of Research* from invited papers given at the conference, and a proceeding of offered papers given at the conference.

### Selected Invited Presentations

“Considerations in Representing Individuals in Social-Ecological Models.” International Symposium on Society and Natural Resources. Estes Park, Colorado. June 9, 2013.

“The Origins of Human Dimensions in Conservation” L’Aquila, Italy. October 10-13, 2012.  
Plenary talk at a workshop entitled “Engaging people in nature conservation – developing a toolbox.”

“Wildfire adaptation in the Western U.S.: Transitioning to a social-ecological approach.” Fifth International Disaster and Risk Conference, Davos, Switzerland. August 24-28, 2012  
Plenary Presentation with Jerry J. Vaske, Fredrick Smith, Judy Serby and Jim Absher.

“Trending toward a Systems View of the Social Aspects of Zoonosis.” One Health – One Planet – One Future: Risks and Opportunities. Davos, Switzerland, February 21, 2012.

“Getting a Bigger Picture on Human-Wildlife Conflict: Events in a Complex, Changing Social-Ecological System.” Oxford Brookes University, Oxford, England. September 14, 2011.

“Current Trends in Protected Area Management.” Donja Gorcia University, Podgorica, Montenegro. October 18, 2011.

“Ecotourism Beyond Boundaries: International Perspectives.” Province of Livorno, Italy. October 7, 2011.

## MICHAEL J. MANFREDO

---

“Excessive Ambitions in Developing Governance Models for Understanding Deforestation.” Sixth International Conference on Environmental Future. Newcastle University, U.K. July 20, 2011.

“Understanding Our Relationship With Wildlife.” Cologne University, Cologne, Germany. May 25, 2011.

“Shifting Wildlife Values in North America.” University of Nebraska. December 2, 2010.

“The Decade of the Desert.” Colorado Public Broadcasting Interview Jointly with Luc Gnacadja, Executive Secretary, UNCCD. November 12, 2010.

“Societal Thought about Wildlife: Shifting Notions of What is Right and What is Real.” Keynote Speaker for the Annual Hyndman Awards, University of Alberta, Canada. October 28, 2009.

“Shifting Values Toward Wildlife and Implications for Conservation.” University of Florida, Gainesville, Florida. March 31, 2009.

“Values, Society and Sustainability,” Understanding the Human Dimensions of Sustainability and Landscape Level Conservation at the 10th Biennial Conference of Research on the Colorado Plateau/Society of Conservation Biology North American Section Meeting Symposium. Flagstaff, AZ. October 6, 2009.

“Thinking Makes It So: How Social Values Constrain Human Adaptation to the Environment in G-8 Countries.” Meeting on Biodiversity, Desertification, Water, Food and Human Rights – An International Meeting of Knowledge, Experiences and Testimonies. Faculty of Agriculture, University of Sassari, Italy, in preparation for the G-8 Summit at La Maddalena. September 2008.

“Contributions of Human Dimensions of Wildlife Management.” National Parks Singapore. Co-presented with Tara L. Teel and J. Thompson. March 14, 2008.

“Change We Can Believe In: Cultural Shift in America is Affecting Wildlife Management.” Annual Meeting of the Western Association of Fish and Wildlife Agencies. July 15, 2008.

“A Foundation for Conflict: Wildlife Values in the West.” Watchable Wildlife Conference, Tucson, AZ; Wildlife Heritage Summit, Casper, WY; Idaho Chapter of the Wildlife Society Annual Conference, Pocatello, ID; and Desert Tortoise Symposium, Las Vegas, NV. 2007.

“Expanding our View of Conservation through the Human Dimension.” Brazilian Congress on Protected Areas and International Symposium on Nature Conservation. July 2007.

“New Tendencies in Eco-Tourism: The Protected Areas Networking and Visioning Challenge.” Degree in Economy and Tourism Enterprises, Faculty of Economy, University of Sassari, Olbia, Italy. October 6-8, 2006.

“The Effects of Chronic Wasting Disease on Hunter Behavior.” Mid-Winter Directors Meeting at the Western Association of Wildlife Agencies. Co-Presented with Jerry J. Vaske. San Diego, CA. January 2005.

“Wildlife Value Shift in the West.” Presenter at the Directors Meeting at the Annual Western Association of Wildlife Agencies. Co-Presented with Tara L. Teel. Alberta, Canada. July, 2005.

## MICHAEL J. MANFREDO

---

“Has the World Changed or Have I? Understanding the Effects of a Changing Society on Wildlife Management.” 2005 Organization of Wildlife Planners (OWP) Annual Meeting. Co-Presented with Tara L. Teel. Custer State Park, SD.

“Changing Public Values: Implications for Fish and Wildlife Management.” Rocky Mountain Region’s Wildlife/Fish/Range Workshop. Co-Presented with Tara L. Teel. Broomfield, CO. 2005.

### **Recent Workshop and Short Course Contributions**

“The Role of the Social Sciences in Conservation Planning.” 1-day short course offered at the Society for Conservation Biology (SCB) Global Meetings Sponsored by the Social Science Working Group of SCB. Co-Instructed with Tara L. Teel. Offered at the following locations:

Oakland, CA. July 2012.

Auckland, New Zealand. November 2011.

University of Alberta, Edmonton, Canada. 2010.

Institute of Zoology, Chinese Academy of Sciences, Beijing, China. July 2009.

University of Tennessee. Chattanooga, TN, 2008.

Nelson Mandela Metro University, Port Elizabeth, South Africa. 2007.

“Science, Politics and Engagement: Tackling Conservation Conflicts in the 21st Century.” 1-day short course offered at the SCB Global Meeting in Auckland, New Zealand with S. Redpath, University of Aberdeen; A. Dickman, University of Oxford; A. Evely, University of Aberdeen.

“Towards a Cross-Cultural Understanding of Human-Wildlife Relationships.” Organized Session held in conjunction with the 2009 Open Meeting of the International Human Dimensions Programme on Global Environmental Change, Bonn, Germany. April 2009.

“Human-Wildlife Conflict – Beyond Biology.” 1-day workshop offered at the SCB meeting. Beijing, China. July 2009.

The workshop built on a session held at the 2008 IUCN meeting in Spain. Sponsored by the Social Science Working Group of SCB. Co-Instructed with Tara L. Teel.

“Communicating about Climate Change: A Governor’s Initiative toward a Sustainable West.” 2-day workshop for public land managers. Sponsored by Warner College of Natural Resources. Co-Organized by J. Thompson, Brett L. Bruyere, & Tara L. Teel. Denver, CO. June 2008.

“Wildlife Value Shift in the West”. Instructor. Futuring workshop to Idaho Fish and Game Department Biologist Staff (2006); Oklahoma Fish and Game Department, (2006); Arizona Game and Fish (2006); Wyoming Department of Fish and Game Director’s Staff (2005); and Montana Fish, Wildlife and Parks Executive Staff, (2005).

“Wildlife Viewing: A Management Planning Workshop.” Organizer and instructor. University of Fairbanks, AK, April, 2004; Umfolozi National Park, South Africa (2003); Snow Mountain Ranch, Winter Park, CO (2000); Northeastern Region, Colorado Division of Wildlife (2000); and Watchable Wildlife Conference, Cody, Wyoming (2000).

# MICHAEL J. MANFREDO

---

## SCHOLARLY PUBLICATIONS

### BOOKS

- Manfredo, M.J., A. Rechkemmer, & J.J. Vaske, (For Release in 2014) *Understanding Society and Natural Resources: Forging New Strands of Integration Across the Social Sciences*, New York: Springer Press.
- Manfredo, M. J., Vaske, J. J., Brown, P. J. & Decker, D. J. (2008). *Wildlife and Society: The Science of Human Dimensions*. Washington D.C.: Island Press.  
**Received Wildlife Society Award for Best Edited Book in 2008.**
- Manfredo, M. J. (2008). *Who Cares About Wildlife: Social Science Concepts for Exploring Human-Wildlife Relationships and Conservation Issues*. New York: Springer Press.
- Camarda, I., Manfredo, M. J., Teel, T. L., & Mulas, F. (Eds.). (2004). *Global Challenges of Parks and Protected Areas Management: Proceedings of the 9<sup>th</sup> ISSRM*. Sassari, Italy: Carlo Delfino Editore.
- Manfredo, M.J., Vaske, J. J., Field, D., Brown, P. J., & Bruyere, B. (Eds.). (2004). *Society and Natural Resources: A Summary of Knowledge Prepared for the 10<sup>th</sup> International Symposium on Society and Natural Resources*. Jefferson, MO: Modern Litho.
- Manfredo, M. J. (Ed.). (2002). *Wildlife Viewing in North America: A Management Planning Handbook*. Corvallis, OR: Oregon State University Press.
- Manfredo, M. J. (Ed.). (1993). *Influencing Human Behavior: Theory and Applications in Recreation, Tourism, and Natural Resources Management*. Champaign, IL: Sagamore Press.

### BOOK CHAPTERS

- Fulton, D., & Manfredo M.J. (Draft). Representing the individual in environmental conservation. In Environmental Conservation, A. Breckwald (Ed). Cambridge University Press.
- Manfredo, M. J., Teel, T. T. Gavin, M., & Fulton, D. (In Press) Considerations in representing Individuals in social-ecological models. In M. J. Manfredo, A. Rechkemmer, & J.J. Vaske, *Understanding Society and Natural Resources: Forging New Strands of Integration Across the Social Sciences*, New York: Springer Press.
- Dickman, A. Silvio Marchini, S. & Manfredo, M. J. (2013)The importance of the human dimension in addressing conflict with large carnivores. D. MacDonald & K. Willis (Eds.) P. 110-126 In *Key Topics in Conservation Biology 2*, Wiley Blackwell.
- Dietsch, A. M., Manfredo, M. J., & Teel, T. L. (2013). Understanding the impact of human thought and behavior on human-wildlife conflict management. In C. M. Hill, N. E. C. Priston, & A. D. Webber (Eds.). *Human-wildlife conflict: An interdisciplinary approach*.
- Vaske, J. J., & Manfredo, M. J. (2012) Social psychological considerations in wildlife management (pp. 43-57). In D. J. Decker, S. Riley, & W. F. Siemer (Eds.),

## MICHAEL J. MANFREDO

---

- Human dimensions of wildlife management*. Baltimore, MD: The Johns Hopkins University Press.
- Jacobs, M. H., Vaske, J. J., Teel, T. L., & Manfredo, M. J. (2012.) Human dimensions of wildlife (pp. 78-86). In L. Steg, A. E. van den Berg, & J. I. M. de Groot (Eds.) *Environmental Psychology: An Introduction*. Wiley–Blackwell.
- Fulton, D., & Manfredo, M. J. (2009). Application of EFM and OFM to Fisheries and Wildlife Management. In B.L. Driver (Ed.), *Managing to optimize the beneficial outcomes of recreation*. State College, PA: Venture Press.
- Manfredo, M. J. (In Press). Thinking Makes it So: How Social Values Constrain Human Adaptation to the Environment in G-8 Countries. In *Biodiversity, Desertification, Water, Food and Human Rights – Knowledge, Experiences and Testimonies*, Preparation for the G-8 Summit at La Maddalena.
- Manfredo, M. J., Teel, T. L., & Zinn, H. (2008). Values and Value Change Toward Wildlife. In M. J. Manfredo, J.J. Vaske, P.J. Brown & D.J. Decker (Eds.), *Wildlife and Society: The Science of Human Dimensions Sciences*. Washington D.C.: Island Press.
- Manfredo, M. J., Teel, T. L., & Bright, A. D. (2004). Application of the Concepts of Values and Attitudes in Human Dimensions of Natural Resources Research. In, M. J. Manfredo, J. J. Vaske, D. Field, P. J. Brown, & B. Bruyere (Eds.), *Society and Natural Resources: A Summary of Knowledge Prepared for the 10<sup>th</sup> International Symposium on Society and Natural Resources*. Jefferson, MO: Modern Litho.
- Decker, D. J., Brown, T. L., Vaske, J. J., & Manfredo, M. J. (2004). Human Dimensions of Wildlife Management. In, M. J. Manfredo, J. J. Vaske, D. Field, P. J. Brown, & B. Bruyere (Eds.), *Society and Natural Resources: A Summary of Knowledge Prepared for the 10<sup>th</sup> International Symposium on Society and Natural Resources*. Jefferson, MO: Modern Litho.
- Teel, T. L., Manfredo, M. J., & Bright, A. D. (2004). Exploring the Cultural Basis for Shifting Values Toward the Natural Environment. In I. Camarda, M. J. Manfredo, T. L. Teel, & F. Mulas (Eds.), *Global Challenges of Parks and Protected Areas Management: Proceedings of the 9<sup>th</sup> ISSRM*. Sassari, Italy: Carlo Delfino Editore.
- Manfredo, M. J. (2002). Planning and Managing for Wildlife Viewing Recreation: An Introduction. In M. J. Manfredo (Ed.), *Wildlife Viewing in North America: A Management Planning Handbook*. Corvallis, OR: Oregon State University Press.
- Manfredo, M. J., Pierce, C. L., & Teel, T. L. (2002). Participation in Wildlife Viewing in North America. In M. J. Manfredo (Ed.), *Wildlife Viewing in North America: A Management Planning Handbook* (pp. 25-42). Corvallis, OR: Oregon State University Press.
- Manfredo, M. J., Pierce, C. L., Vaske, J. J., & Whittaker, D. (2002). An Experienced Based Approach To Planning and Management For Wildlife Viewing Recreation. In M. J. Manfredo (Ed.), *Wildlife Viewing in North America: A Management Planning Handbook* (pp. 43-69). Corvallis, OR: Oregon State University Press.

## MICHAEL J. MANFREDO

---

- Manfredo, M. J., & Driver, B. L. (2002). Benefits: The Basis for Action. In M. J. Manfredo (Ed.), *Wildlife Viewing in North America: A Management Planning Handbook* (pp. 70-92). Corvallis, OR: Oregon State University Press.
- Fulton, D. C., Whittaker, D., & Manfredo, M. J. (2002). A Planning Framework for Experience-Based Wildlife Viewing Management. In M. J. Manfredo (Ed.), *Wildlife Viewing in North America: A Management Planning Handbook* (pp. 93-123). Corvallis, OR: Oregon State University Press.
- Vaske, J. J., Whittaker, D., Shelby, B., & Manfredo, M. J. (2002). Indicators and Standards: Developing Definitions of Quality. In M. J. Manfredo (Ed.), *Wildlife Viewing in North America: A Management Planning Handbook* (pp. 143-171). Corvallis, OR: Oregon State University Press.
- Whittaker, D., Vaske, J. J., & Manfredo, M. J. (2002). Choosing Actions: Problem Definition, Identifying Strategies and Evaluation Criteria. In M. J. Manfredo (Ed.), *Wildlife Viewing in North America: A Management Planning Handbook* (pp. 172-195). Corvallis, OR: Oregon State University Press.
- Fix, P. J., Loomis, J. B., & Manfredo, M. J. (2002). Economic Considerations in Wildlife Viewing Planning. In M. J. Manfredo (Ed.), *Wildlife Viewing in North America: A Management Planning Handbook* (pp. 254-276). Corvallis, OR: Oregon State University Press.
- Vaske, J. J., Fulton, D. C., & Manfredo, M. J. (2001). Human Dimensions Considerations in Wildlife Management Planning. In D. J. Decker, T. L. Brown, & W. F. Siemer (Eds.), *Human Dimensions of Wildlife Management in North America* (pp. 91-108). Bethesda, MD: Wildlife Society.
- Pierce, C. L., Manfredo, M. J., & Vaske, J. J. (2001). Social Science Theories in Wildlife Management. In D. J. Decker, T. L. Brown, & W. F. Siemer (Eds.), *Human Dimensions of Wildlife Management in North America* (pp. 39-56). Bethesda, MD: Wildlife Society.
- Manfredo, M. J., Vaske, J. J., & Decker, D. J. (1995). Human Dimensions of Wildlife Management: Basic Concepts. In R. Knight & K. Gutzwiller (Eds.), *Wildlife and Recreationists: Coexistence Through Management and Research* (pp. 17-49). Washington, D.C.: Island Press.
- Manfredo, M. J., Vaske, J. J. & Sikorowski, L. (1995). Human Dimensions of Wildlife Management. In A. Ewert (Ed.), *The Human/Environmental Interaction: Human Dimension Research in Natural Resource Management* (pp. 53-72). Boulder, CO: Westview Press.
- Vaske, J. J., Decker, D. J., & Manfredo, M. J. (1995). Human Dimensions of Wildlife Management: An Integrated Framework for Coexistence. In R. Knight & K. Gutzwiller (Eds.), *Wildlife and Recreationists: Coexistence Through Management and Research* (pp. 33-49). Washington, D.C.: Island Press.
- Bright, A. D., & Manfredo, M. J. (1993). An Overview of Recent Advancements in Persuasion Theory and Their Relevance to Natural Resource Management. In A. Ewert, D. Chavez, A. W. Magill (Eds.), *Culture, Conflict, and Communication* (pp. 135-146). Boulder, CO: Westview Press.
- Fishbein, M., & Manfredo, M. J. (1992). Applying Theory of Reasoned Action in Understanding and Influencing Recreation Behavior. In M. Manfredo (Ed.), *Influencing Behavior: Theory and Applications in Recreation and Tourism* (pp. 29-50). Champaign, IL: Sagamore Press.

## MICHAEL J. MANFREDO

---

- Manfredo, M. J., Bright, A. D., & Haas, G. E. (1992). Research in Tourism Advertising. In M. Manfredo (Ed.), *Influencing Behavior: Theory and Applications in Recreation and Tourism* (pp. 329-368). Champaign, IL: Sagamore Press.
- Driver, B. L., Tinsley, T., & Manfredo, M. J. (1991). The Paragraphs About Leisure and Recreation Experience Preference Scales: Results from Two Inventories Designed to Assess the Breadth of the Perceived Psychological Benefits of Leisure. In B. L. Driver, P. J. Brown, & G. Peterson (Eds.), *The Benefits of Leisure* (pp. 263-286). State College, PA: Venture Press.
- Brown, P. J., & Manfredo, M. J. (1987). Social values of wildlife. In D. J. Decker & G. R. Goff (Eds.), *Valuing Wildlife Resources: Economic and Social Perspectives*. Boulder, CO: Westview Press.
- Brown, P. J., McCool, S., & Manfredo, M. J. (1987). Evolving Concepts and Tools for Recreation Management in Wilderness: A State of Knowledge Review. In R. Lucas (ed.), *Proceedings National Wilderness Research Conference: Issues, State-of-Knowledge, Future Directions* (pp. 320-347). Gen. Tech. Rep. INT-220. Ogden, Utah: USDA Forest Service, Intermountain Research Station, Fed. Bldg.
- PEER-REVIEWED JOURNAL PUBLICATIONS**
- Manfredo, M.J., A. M. Dietsch & T.L. Teel. (Draft for Submission). Stability and Change in Wildlife Value Orientations. For Submission to *Proceeding of the National Academy of Sciences*.
- Dayer, A., Bright, A.D., Teel, T.L., & Manfredo, M.J. (in preparation) Application of A Stated Choice Approach to Assessing Public Preferences for Wildlife Management Policies. Biological Conservation.
- Teel, T. L., Don Carlos, A. W., Manfredo, M. J., & Mathur, V. B. (in press). A multi-institutional partnership to build capacity for effective protected area management on the Indian subcontinent: Mid-career training of Indian Forest Service officers at Colorado State University, U.S.A. *Journal of Park and Recreation Administration* (special issue on "Managing Protected Areas: Global Perspectives").
- Fix, P. J., Teel, T. L., Manfredo, M. J., & Stewart, S. (In Press). Assessing Acceptance of Wildlife Management Tradeoffs: A Case Study of Elk and Vegetation Management in Rocky Mountain National Park. *Human Dimensions of Wildlife*.
- Teel, T.L., Manfredo, M. J., Jensen, F. S., Buijs, A. E., Riepe, C., Craigiebuckler, A., & Jacobs, M. H. (2010). Understanding the Cognitive Basis for Human-Wildlife Relationships as a Key to Successful Protected Area Management. *International Journal of Sociology*, 40(3), 104-121.
- Teel, T. L., & Manfredo, M. J. (2010). Understanding the Diversity of Public Interests in Wildlife Conservation. *Conservation Biology*, 24(1), 128-139.
- Manfredo, M. J., & Teel, T. L. (2009). Linking Society and Environment: A Multi-Level Model of Shifting Wildlife Value Orientations in the Western U.S. *Social Science Quarterly*, 90(2), 407-427.

## MICHAEL J. MANFREDO

---

- Jacobs M.H. & Manfredo MJ (2008) Decline in nature-based recreation is not evident. *Proceeding of the National Academy of Sciences*, 105:E40.
- Zinn, H. C., Manfredo, M. J., & Decker, D. J. (2008). Human conditioning to wildlife: Steps toward theory and research. *Human Dimensions of Wildlife*, 13(6), 388-399.
- Dayer, A. A., Stinchfield, H. M., & Manfredo, M. J. (2007). Stories about wildlife: Developing an instrument for identifying wildlife value orientations cross-culturally. *Human Dimensions of Wildlife*, 12(5), 307-315.
- Teel, T. L., Manfredo, M. J., & Stinchfield, H. M. (2007). The need and theoretical basis for exploring wildlife value orientations cross-culturally. *Human Dimensions of Wildlife*, 12(5), 297-305
- Needham, M. D., Vaske, J. J., Donnelly, M. P., & Manfredo, M. J. (2007). Hunting specialization and its relationship to participation in response to chronic wasting disease. *Journal of Leisure Research*, 39(3), 413-437.
- Teel, T. L., Bright, A. D., Manfredo, M. J., & Brooks, J. J. (2006). Evidence of biased processing of natural resource-related information: A study of attitudes toward drilling for oil in the arctic national wildlife refuge. *Society & Natural Resources*, 19(5), 447-463.
- Whittaker, D., Vaske, J. J., & Manfredo, M. J. (2006). Specificity and the cognitive hierarchy: Value orientations and the acceptability of urban wildlife management actions. *Society & Natural Resources*, 19(6), 515-530.
- Vaske, J. J., Needham, M. D., Newman, P., Manfredo, M. J., & Petchenik, J. (2006). Potential for conflict index: Hunters' responses to chronic wasting disease. *Wildlife Society Bulletin*, 34(1), 44-50.
- Vaske, J. J., Shelby, L. B., & Manfredo, M. J. (2006). Bibliometric reflections on the first decade of *Human Dimensions of Wildlife*, 11(2), 79-87.
- Fix, P. J., & Manfredo, M. J. (2005). Divergence of Contingent Valuation Responses in a Wildlife-Related Application. *Human Dimensions of Wildlife*, 10(4), 239-248.
- Needham, M. D., Vaske, J. J., & Manfredo, M. J. (2005). State and residency differences in hunters' responses to chronic wasting disease. *Human Dimensions of Wildlife*, 11(3), 159-176.
- Fix, P. J., Manfredo, M. J., & Loomis, J. B. (2005). Assessing validity of elk and deer license sales estimated by contingent valuation. *Wildlife Society Bulletin*, 33(2), 633-642.
- Manfredo, M. J., Fix, P. J., Teel, T. L., Smeltzer, J., & Kahn, R. (2004). Assessing demand for big-game hunting opportunities: applying the multiple-satisfaction concept. *Wildlife Society Bulletin*, 32(4), 1147-1155.
- Needham, M. D., Vaske, J. J., & Manfredo, M. J. (2004). Hunter's behavior and management actions related to chronic wasting disease in eight states. *Human Dimensions of Wildlife*, 9(3), 211-231.
- Manfredo, M. J. & Dayer, A. A. (2004). Concepts for exploring the social aspects of human-wildlife conflict in a global context. *Human Dimensions of Wildlife*, 9(4), 317-330.

## MICHAEL J. MANFREDO

---

- Fulton, D.C. & Manfredi, M. J. (2004). A panel design to assess the effects of regulatory induced reductions in opportunity on deer hunters' satisfaction. *Human Dimensions of Wildlife*, 9(1), 35-56.
- Manfredi, M. J., Teel, T. L., & Bright, A. D. (2003). Why are public values toward wildlife changing? *Human Dimensions of Wildlife*, 8(4), 285-304.
- Manfredi, M. J., Vaske, J. J., & Teel, T. L. (2003). The Potential for Conflict Index: A Graphic Approach to Practical Significance of Human Dimensions Research. *Human Dimensions of Wildlife*, 8(3), 219-228.
- Layden, P. C., Manfredi, M. J., & Tucker, P. (2003). Integrating public values toward wildlife into land use planning: a case study in La Plata County, Colorado. *Wildlife Society Bulletin*, 31(1), 174-184.
- Li, C. L., Zinn, H. C., Barro, S. C., & Manfredi, M. J. (2003). A cross-regional comparison of recreation patterns of older hunters. *Leisure Sciences*, 25(1), 1-16.
- Zinn, H.C., Manfredi, M. J., & Barro, S. C. (2002). Patterns of wildlife value orientations in hunters' families. *Human Dimensions of Wildlife*, 7(3), 147-162.
- Whittaker, D., Manfredi, M. J., Fix, P. J., Sinnott, R., Miller, S., & Vaske, J. J. (2001). Understanding beliefs and attitudes about an urban wildlife hunt near Anchorage, Alaska. *Wildlife Society Bulletin*, 29(4), 1114-1124.
- Zinn, H. C., Manfredi, M. J., & Vaske, J. J. (2000). Social psychological bases for stakeholder acceptance capacity. *Human Dimensions of Wildlife*, 5(3), 20-33.
- Bright, A. D., Manfredi, M. J., & Fulton, D. C. (2000). Segmenting the public: an application of value orientations to wildlife planning in Colorado. *Wildlife Society Bulletin*, 28(1), 218-226.
- Zinn, H. C., & Manfredi, M. J. (2000). An experimental test of rational and emotional appeals about a recreation issue. *Leisure Sciences*, 22(3), 183-194.
- Manfredi, M. J., Pierce, C. L., Fulton, D., Pate, J., & Gill, B. R. (1999). Public acceptance of wildlife trapping in Colorado. *Wildlife Society Bulletin*, 27(2), 499-508.
- Manfredi, M. J., Zinn, H. C., Sikorowski, L., & Jones, J. (1998). Public acceptance of mountain lion management: a case study of Denver, Colorado, and nearby foothills areas. *Wildlife Society Bulletin*, 26(4), 964-970.
- Wittmann, K., Vaske, J. J., Zinn, H. C., & Manfredi, M. J. (1998). Standards for lethal response to problem urban wildlife. *Human Dimensions of Wildlife*, 3(4), 29-48.
- Zinn, H. C., Manfredi, M. J., Vaske, J. J., & Wittmann, K. (1998). Using normative beliefs to determine the acceptability of wildlife management actions. *Society & Natural Resources*, 11(7), 649-662.
- Pierce, C. & Manfredi, M. J. (1997). A profile of North American wildlife agencies' viewing programs. *Human Dimensions of Wildlife*, 2(3), 27-41.

## MICHAEL J. MANFREDO

---

- Manfredo, M. J., Fulton, D. C., & Pierce, C. (1997). Understanding voter behavior on wildlife ballot initiatives: Colorado's trapping amendment. *Human Dimensions of Wildlife*, 2(4), 22-39.
- Bright, A. D. & Manfredo, M. J. (1997). The influence of balanced information on attitudes toward natural resource issues. *Society & Natural Resources*, 10(5), 469-483.
- Beaman, J. J., Vaske, J. J., Donnelly, M., & Manfredo, M. J. (1997). Individual versus aggregate measures of digit preferences. *Human Dimensions of Wildlife*, 2(1), 71-81
- Basman, C. M., Manfredo, M. J., Barro, S. C., Vaske, J. J., & Watson, A. (1996). Norm accessibility: An exploratory study of backcountry and frontcountry recreational norms. *Leisure Sciences*, 18(2), 177-191.
- Pate, J., Manfredo, M. J., Bright, A. D., & Tischbein, G. (1996). Coloradans' attitudes toward reintroducing the gray wolf into Colorado. *Wildlife Society Bulletin*, 24(3), 421-428.
- Barro, S. C. & Manfredo, M. J. (1996). Constraints, psychological investment, and hunting participation: Development and testing of a model. *Human Dimensions of Wildlife*, 1(3), 42- 61.
- Manfredo, M. J. & Zinn, H. C. (1996). Population change and its implications for wildlife management in the new west: A case study of Colorado. *Human Dimensions of Wildlife*, 1(3), 62-74.
- Manfredo, M. J., Driver, B. L., & Tarrant, M. (1996). Measuring leisure motivation: a meta analysis of the Recreation Experience Preference Scales. *Journal of Leisure Research*, 28(3), 188-213.
- Vaske, J. J., Manfredo, M. J., Covey, C. D., Knox, R., & Beaman, J. (1996). Response strategy, recall frame and digit preference in self-reports of angling participation. *Human Dimensions of Wildlife*, 1(4), 54-68.
- Bright, A. D. & Manfredo, M. J. (1996). A conceptual model of attitudes toward natural resource issues: A case study of wolf reintroduction. *Human Dimensions of Wildlife*, 1(1), 1-21.
- Bright, A. D. & Manfredo, M. J. (1995). Moderating effects of personal importance on the accessibility of attitudes toward recreation participation. *Leisure Sciences*, 17(4), 281-294.
- Fulton, D. C., Manfredo, M. J., & Lipscomb, J. (1996). Wildlife value orientations: A conceptual and measurement approach. *Human Dimensions of Wildlife*, 1(2), 24-47.
- Remington, T. E., Manfredo, M. J., Vaske, J. J., & DeMasso, S. (1996). Fee hunting pheasants in Colorado: Experimental evidence. *Human Dimensions of Wildlife* 1(1), 50-59.
- Barro, S. C., Manfredo, M. J., Brown, T. C., & Peterson, G. L. (1996). Examination of the predictive validity of CVM using an attitude-behavior framework. *Society & Natural Resources*, 9(2), 111-124.
- Bright, A.D. & Manfredo, M. J. (1995). The quality of attitudinal information regarding natural resource issues: The role of attitude-strength, importance, and information. *Society & Natural Resources*, 8(3), 39-414.

## MICHAEL J. MANFREDO

---

- Brown, T. C., Barro, S. C., Manfredi, M. J., & Peterson, G. L. (1995). Does better information about the good avoid the embedding effect? *Journal of Environmental Management*, 44, 1-10.
- Tarrant, M. A., Dattilo, J., Driver, B. L., & Manfredi, M. J. (1995). Physiological response patterning of verbal and mental recreation reminiscence. *Therapeutic Recreation Journal*, 3, 147-162.
- Tarrant, M. A., Haas, G. E., & Manfredi, M. J. (1995). Factors affecting visitor evaluations of aircraft overflights of wilderness areas. *Society & Natural Resources*, 8, 351-360.
- Barro, S.C., Manfredi, M. J., & Wells, M. (1994). Cueing as a method effect in studies on recreation choice. *Leisure Sciences*, 16(1), 61-71.
- Tarrant, M. A., Manfredi, M. J., & Driver, B. L. (1994). Recollections of outdoor recreation experiences: A psycho-physiological perspective. *Journal of Leisure Research*, 26(4), 357-371.
- Bright, A. D., Manfredi, M. J., Fishbein, M., & Bath, A. (1993). Application of the Theory of Reasoned Action to the National Park Service's control burn policy. *Journal of Leisure Research*, 25(3), 263-280.
- Manfredi, M. J. & Larson, R. (1993). Managing for wildlife viewing recreation experiences: an application in Colorado. *Wildlife Society Bulletin*, 21(3), 226-236.
- Tarrant, M. A. & Manfredi, M. J. (1993). Digit preference, recall bias, and non-response bias in affecting self reports of angling participation. *Leisure Sciences*, 15(3), 231-238.
- Tarrant, M. A., Manfredi, M. J., Bailey, P., & Hess, R. (1993). The effects of recall bias and non-response bias on estimates of angling participation. *North American Journal of Fisheries Management*, 13(2), 217.
- Manfredi, M. J., Yuan, S., & McQuire, F. (1992). The influence of attitude accessibility on attitude-behavior relationships: Implications for recreation and research. *Journal of Leisure Research*, 24(2), 157-170.
- Manfredi, M. J., & Bright, A. D. (1991). A model for assessing the effects of communication on recreationists. *Journal of Leisure Research*, 20(1), 1-20.
- Kerr, G. & Manfredi, M. J. (1991). An attitudinal based model of pricing recreation services. *Journal of Leisure Research*, 20(1), 37-50.
- Manfredi, M. J., Fishbein, M., Watson, A., & Haas, G. E. (1990). A national survey of public attitudes toward prescribed fire policy. *Journal of Forestry*, 88(7), 19-23.
- Johnson, R. & Manfredi, M. J. (1989). An evaluation of the relationship between nongame wildlife use and donation to nongame tax check-off. *Society & Natural Resources*, 2(4), 345-352.
- Manfredi, M. J. (1989). Human dimensions of wildlife management. *Wildlife Society Bulletin*, 17(4), 447-449.

## MICHAEL J. MANFREDO

---

- Manfredo, M. J., Sneegas, J., Driver, B. L., & Bright, A. D. (1989). Hunters with disabilities: A survey of wildlife agencies and a case study of Illinois deer hunters. *Wildlife Society Bulletin*, 17(4), 487-493.
- Manfredo, M. J. (1989). An investigation of the basis for external information search in recreation and tourism. *Leisure Sciences*, 11(1), 129-45.
- Manfredo, M. J. (1989). A test of assumptions inherent in attribute specific advertising. *Journal of Travel Research*, 27(3), 8-13.
- Baas, J., Manfredo, M. J., Lee, M. & Allen, D., (1989). Evaluation Of An Informational Brochure For Promoting Charter Boat Trip Opportunities Along The Oregon Coast. *Journal of Travel Research*, 27(3), 35-37.
- Manfredo, M. J., & Shelby, B. (1988). The effect of using self-report measures in tests of attitude-behavior relationships. *Journal of Social Psychology*, 128(6), 731-744.
- Manfredo, M. J., Lee, M., & Ford, K. (1988). Alternative markets for Oregon charterboat operators affected by declining salmon allocations in Oregon. *Journal of Coastal Zone Management*, 16(3), 215-227.
- Manfredo, M. J. (1988). Second-year analysis of donors to Oregon's nongame tax-checkoff. *Wildlife Society Bulletin*, 16(2), 221-224.
- Manfredo, M. J. (1987). The influence of activity importance and similarity on perception of recreation substitutes. *Leisure Sciences*, 19(1), 77-86.
- Manfredo, M. J., & Haight, W. (1986). Oregon's nongame tax check-off program: A comparison of donors and nondonors. *Wildlife Society Bulletin*, 14(2), 121-126.
- Tinsley, H. E., Driver, B. L., Ray, S. B., & Manfredo, M. J. (1986). Stability of recreation experience preference (REP) ratings for samples and individuals across three measurement periods. *Educational and Psychological Measurement*, 46(4), 1105-1111.
- Manfredo, M. J. (1984). The comparability of onsite and offsite measures of recreation needs. *Journal of Leisure Research*, 16(3), 245-249.
- Manfredo, M. J., Driver, B. L., & Brown, P. J. (1983). A test of concepts inherent in experience based setting management for outdoor recreation areas. *Journal of Leisure Research*, 15(3), 263-283.
- Brown, P. J., & Manfredo, M. J. (1982). Recreation opportunity spectrum planning – An arid lands case. *Australian Journal of Parks and Recreation*, (May, 1982), 45-49. *The George Wright Forum*, 2(2), 25-33.

## Academic Teaching Experience

### Undergraduate Courses

Freshman Seminar  
Introduction to Outdoor Recreation  
Parks and Recreation Area Analysis

## MICHAEL J. MANFREDO

---

Outdoor Recreation Planning Techniques  
Wilderness in America  
Microcomputer Applications in Natural Resource Management  
Wilderness Management  
Social Behavior and Resource Management  
Outdoor Recreation Field Course and Consortium  
Recreation Management Planning  
Human Dimensions in Natural Resources

### **Graduate Courses**

Seminar: Multiple Uses of the Values Concept in Social Science Research  
Concepts in Forest Recreation Planning  
Issues in Recreation and Tourism  
Theoretical Perspectives in Recreation Research  
Seminar in Influencing Human Behavior- Theory and Applications in Recreation and Tourism  
Regional and Community Tourism Development  
Recreation Behavior Theory  
Multiple Social Science Approaches to the Concept of Natural Resource Values.  
Experience and the Environment (WICE Program Course)

### **Graduate Students**

Dr. John Baas, ER Associates, San Francisco, CA  
Dr. Michael Tarrant, Associate Professor, University of Georgia  
Dr. Alan Bright, Associate Professor, Colorado State University  
Dr. Susan Barro, Research Social Scientist, U.S. Forest Service, Chicago, IL  
Dr. David Fulton, USFWS Cooperative Studies Unit, U. of Minn.  
Dr. Harry Zinn, Associate Professor, Penn State University  
Dr. Cem Basman, Associate Professor, University of Indiana  
Paul Layden – M.S., Instructor, Colorado State University  
Dr. Peter Fix – Assistant Professor, University of Fairbanks, AK  
Dr. Tara Teel – Assistant Professor, Colorado State University  
Ashley Dayer – Masters degree  
Susan Stewart – M.S. Candidate, Wyoming Fish and Game  
Holly Stinchfield – Ph.D. Candidate, USGS  
Alia Dietsch – Ph.D. Candidate  
Loren Chase – Ph.D. Candidate, Arizona Department of Fish and Wildlife