

## **GEORGE N. WALLACE - CURRICULUM VITAE**

Office Address: Room 231 Forestry Bldg,  
Colorado State University, Ft. Collins, Colorado 80523  
Telephone: Office (303) 491-5165  
FAX (303) 491-2255  
Family: Wife Nancy, sons David and Tom

### **BROAD PROFESSIONAL GOALS**

To combine my experiences in natural resource and protected area management, education, extension and agriculture in order to contribute to the protection and sustainable use of natural resources and community-based conservation strategies on both public and private lands. Part of these efforts will be directed towards improving the collaboration between the institutions charged with managing natural resources and the people they serve. Some of this work should be directed at developing countries.

### **EDUCATION**

PhD, Colorado State University, 1987 College of Forestry and Natural Resources. Area: natural resource management, emphasis on the interpretation of controversial resource issues for the public.

MA, University of New Mexico, 1972. Major: Education/Rural Development, Area: rural community development/environmental education.

BA, Colorado State University, 1967. Major: Philosophy, Minor: Biological Science

USMC Reserve, 1962-1967, Honor Graduate, Officers Candidate School, Quantico Virginia.

Peace Corps Training and Service Panama, 1967-1970,

Languages Spanish fluency, elementary knowledge of the other romance languages.

### **PROFESSIONAL EXPERIENCE**

1988-present Instructor, then Assistant, now Associate Professor Colorado State University in the Department of Natural Resource Recreation and Tourism. I am the concentration leader for the Park and Protected Area Management Concentration. Among the the courses I teach or have taught are: Land Use Planning, Wilderness Management, Protected Area Planning, Management of Open Space and Natural Areas, Ecotourism, and Social Science for the Natural Resource Manager, and seminars in related topics. My research focuses on: land use decision structures, private land

conservation, the human dimensions of natural resource and park and protected area management, impacts to parks and protected areas, resource interpretation/education and ecotourism. In addition to teaching, research and advising, I direct CSU's Center for Protected Area Management and Training which provides technical assistance and research and training in both the US and Latin America. (see Research, Teaching, Service sections) I am also the designated professor/advisor in our department for campus interdisciplinary programs in Conservation Biology and Ecological Studies and the Peace Corps Internationalist Masters degree program.

1984-1986 Extension and Instructional Specialist and one of four senior project staff for: The USAID/CATIE Regional Watershed Management Project for Central America.

As a member of the interdisciplinary team I helped to establish this project which operated out of the Tropical Agricultural Center for Research and Teaching (CATIE) in Turrialba, Costa Rica. We provided short courses and technical assistance to governmental and non-governmental agencies in Panama, Costa Rica, Honduras, and Guatemala in watershed management, soil conservation, land use planning, water quality, extension and other topics. We also established the region's first masters degree program in watershed management and laid the groundwork for an experimental watershed in Rio Tuis C.R.

My responsibilities included general project planning, curriculum design, teaching and co-teaching graduate courses in extension, watershed management and helping to design and conduct short courses in soil conservation, watershed management, water quality monitoring integrated resource management and extension. I also developed a variety of outreach materials. Much of our time was spent in the countries conducting short courses, mobile seminars, and working with agency personnel in the field (agronomists, foresters, and park rangers etc.). We also conducted meetings and seminars that were aimed at increasing the awareness of upper level decision makers about the critical nature of watershed management in their countries.

1972-present In addition to the above activities, My wife, sons and I own and operate a farm near Ft. Collins Colorado where we raise alfalfa, corn, pinto beans, barley and cattle. We were honored by the State of Colorado and Division of Wildlife as runners up for Landowners of the Year for 1995 and by Larimer County in 2001 for our wetland restoration and wildlife habitat practices. I use the farm to teach conservation practices, restoration ecology, habitat mitigation, land use planning, monitoring and evaluation.

## **RESEARCH**

My research is more applied than theoretical but utilizes and contributes to theories pertaining to perceptions and motivations of resource users, learning, technology transfer and planning. Problems addressed are generally those facing protected area and other resource managers or environmental interpreters and educators. Typically, both human and biophysical dimensions of a given problem are addressed together.

## **Recent Research**

An Analysis of Recreational Target Shooting on the Pawnee National Grasslands (\$56,000) to gather background information for participatory planning process to create a sport shooting management plan for the Grasslands. Funded by the US Forest Service. Co-principle investigator with Dr. Peter Newman.

A Study of Backcountry/Wilderness Users in Rocky Mountain National Park (\$127,000) for a suite of studies looking at use levels, impacts from visitation, wilderness experiences, preferences for management actions and other about and from visitors. Funded by the National Park Service. Principle Investigator.

An Analysis of the Community and Ecological Benefits Produced by Conservation Easements in Larimer County Colorado (\$40,000/\$180,000). Part of an integrated study (Maximizing Protection of Ecological and Agricultural and Community Values at the Rural-Urban Fringe) funded by USDA Competitive Grants Program. Co-Principle Investigator with Dr. David Theobald.

An Evaluation of Six Co-Managed Protected Areas (COMAP) in Nicaragua. Funded by USDA/USAID. This evaluation used research techniques and will result in a publication using the data gathered. Principle Investigator. A report was produced for the COMAP project. (17,800).

A Study of Land Use Decisions Structures Next to 18 Mesoamerican Protected Areas. Funded by the US Forest Service International Programs Office and the Consortium for Protected Area Management and Training. (\$27,000 & \$7,000)

Development of a Model for Cross-Boundary Collaboration between White River National Forest and Seven Units of Local Government. Funded by the US Forest Service and Northwest Colorado Council of Governments. (\$18,000)

Public Perceptions About Agriculture in Colorado. Study being done for the Colorado Dept. of Agriculture and the Natural Resources Policy Institute to assist with policy formation and outreach. (\$23,500)

Environmental Norms and Compliance with Marine Turtle Conservation Policy: A Case Study from Isla Holbox, Quintana Roo, Mexico. (\$9,000)

Utilizing the Authority of the Resource Technique to Deal With Undesirable Behavior in U.S. Wilderness Areas. US Forest Service/National Park Service (\$4,500).

## **Completed Research**

Visitor Perceptions About Grazing in Five Western Wilderness Areas, Principal investigator. Sponsored by US Forest Service Intermountain Station. (28,000).

Characteristics, Motivations and Preferences for Management Practices of Technical Rock Climbers in Joshua Tree National Monument. US National Park Service. (24,000).

An Evaluation of Ecotour Operations in the Cuyabeno Reserve, in the Ecuadorian Amazon basin. The Ecuadorian Natural Resource Ministry (INEFAN), The Ecotourism Society. (\$5,000).

Visitor Knowledge, Practices, Perceptions and Preferences Regarding the Management of Human Waste At Lake Powell, Glen Canyon National Recreation Area. Co-principal investigator. Sponsored by the National Park Service and the concessionaires at Lake Powell. (51,000).

An Analysis of the Relationship Between Jungle Lodges and the Management of National Parks and Protected Areas in the Amazon. Fundacion Vitoria Amazonica and EMMAMTUR, Manaus Brazil (\$13,000).

Needed Investment in Infrastructure and Training in Costa Rica's National Park and Protected Area System. Study done for the International Development Bank/FUNDEVI and the government of Costa Rica. (\$45,000).

A Study of Boater Recreation at Lake Berryessa, California. US Bureau of Reclamation (12,800).

The Impact of the Proposed Eagle Mountain Landfill on the Wilderness Experience of Visitors to Joshua Tree National Park. Mine Reclamation Corporation/NPS. (\$18,000)

Motivations, Desired Outcomes, and Preferences for Management Techniques of Visitors to Galapagos Nacional Park, Ecuador. Principal investigator, sponsored by the Charles Darwin Foundation and the United Nations Development Program. (20,000)

A Study of Visitor Management in the World's Protected Areas. Principal investigator, sponsored by IUCN and the Ecotourism Society (10,000).

Interactions Between Livestock and Visitors to the Big Cimarron Watershed in Colorado's Uncomphagre National Forest. Co-principal investigator. Sponsored by the Rocky Mountain Range and Experiment Station. (38,000).

Impact of External Development on the Economic and Aesthetic Values of Theodore Roosevelt National Park. Principal investigator of a two year study measuring the effects of nearby oil and gas development on visitation, visitor perceptions and revenue produced by North Dakota's Theodore Roosevelt National Park (32,000).

1990 Managing Recreation Impacts in the Rio Bonito Watershed Improvement Area. Principal Investigator, sponsored by the Bureau of Reclamation and the City of Alamogordo, New Mexico in conjunction with the US Forest Service, Lincoln National Forest (6,000).

## **TEACHING, ADVISING, CURRICULUM DEVELOPMENT**

I am the faculty leader for the park & protected areas concentration. We (Drs. Newman, Theobald, Manfredo, Bruyere, Haas and I) are active in the revision of this concentration and the development of a new masters degree in protected area management for returning professionals. We are developing a client agency advisory committee to assist in this process.

Regular courses taught 1990 - present: NR 440 Land Use Planning, RR 439 – Management of Open Space and Natural Areas, NR 352, 460 & 520 Wilderness Management courses, NR -522 Wilderness Ecosystems Planning, NR - 387 and 487 - Natural Resource Internship, RR 330 - Social Science for the Natural Resource Manager, NR 592 - Theory and Design of Nature Reserves. Guest lectures are given annually in classes in recreation, forestry, watershed management, and international development courses.

Graduate student responsibilities typically include being major advisor for 8 - 12 students and serving as committee member for another 6- 8 students annually. I have been the advisor for several undergraduate senior honors thesis students. I am the head of the Protected Areas Concentration and de-facto undergraduate advisor for students interested in the Peace Corps, and other international opportunities. I also spend considerable time as an advisor to students in the College's interdisciplinary programs in Conservation Biology and Ecological Studies.

I helped to update and refine the department's internship program, developing new administrative strategies and materials, opportunities for interns, a self study learning center for those seeking internships, and a revision of the course content for NR 387, the pre-internship course.

For the past 15 years I have worked with the staff of our Center for Protected Area Management and Training to develop and conduct a great variety of courses, workshops and training programs. Such programs include one six week training programs in watershed management for 20 Ecuadorian resource managers and environmentalists (USAID's Andean Peace Fellowship Program); and 14 one month long courses in the management of wildlands and protected areas for 20 professionals from 6 countries in Latin America. I assisted in the development of a senior level protected area seminar now offered through the Consortium for International Protected Area Management (CSU, UMT, Idaho). Most of these courses and workshops are conducted in Spanish and involve extensive field work. Since virtually all participants need sponsorship, it is necessary to raise approximately \$95,000 for each course. Sponsors typically include, USAID, UNESCO, World Wildlife Fund, The Nature Conservancy, The National Park Service, USDA Forest Service, The Bureau of Land Management (who also send instructors) and foundations. Most participants are unit administrators in their countries.

## **SERVICE AND TECHNICAL ASSISTANCE**

As Director for the Center for Protected Area Management and Training (CPMAT) and I provide or coordinate training and technical assistance in the areas of wildland and protected area management for the federal land management agencies, state resource management agencies, and both governmental and non-governmental international development and conservation entities such as UNESCO, IUCN, USAID, USDA Forest Service International Programs, Conservation International, The Nature Conservancy, World Wildlife Fund and others.

I am a US delegate to IUCN's World Commission on Protected Areas (WCPA) and an advisor to the 2003 World Parks Congress – streams on Capacity Building and Governance. I am an advisor to UNESCO's World Heritage Program regarding training for World Heritage Sites.

I am an Executive Committee and Steering Committee Member for the Consortium for International Protected Area Management (CIPAM), which includes CSU, U Montana, U Idaho, and Forest Service International Programs office.

Locally, I have served on a variety of Larimer County, and Ft. Collins boards and commissions related to natural resources. I am currently in my ninth year as a member of the Larimer County Planning Commission and sixth year on the Larimer County Agricultural Advisory Board.

Additionally, I serve as a reviewer for four academic journals and serve on the editorial board of one – the Journal of Ecotourism.

### **Specific Service/Outreach Activities**

September, 2003, With a Center Affiliate Larry Lechner and funding from US Forest Service International Programs, I Conducted a 10 day training workshop for 20 trail crew leaders from 4 countries (Belize, Guatemala, El Salvador, Honduras), in Parque Nacional Los Volcanes in El Salvador This was the first regional workshop for those who will begin building the MesoAmerican trail.

June 4, 2003, At the request of the Director of CSU's Cooperative Extension Service, I helped to lead a half-day study tour of the Colorado Front Range and the Impact of Changing Land Use on Agriculture, for Agricultural Research Service (ARS) Directors from the US, United Kingdom, France and Canada.

May, 2003, With Center Affiliates, I organized and conducted a 10 day workshop in reserve planning, infrastructure design and visitor management for 20 reserve administrators and rangers for 7 co-managed protected areas in Nicaragua as part of the CIPAM/USFS International Programs and USAID efforts to strengthen the COMAP project in Nicaragua.

March, 2003, I assembled a team and conducted an evaluation of six co-managed protected areas in Nicaragua for USAID/USDA.

February, 2003, I helped with the preparation of a CSU Cooperative Extension publication to assist small land owners with the management of irrigation and water resources.

January, 2003, I spent a week in Costa Rica helping to prepare the Capacity Building (stream) for the World Parks Congress to be held in Durban South Africa in September of 2003

May, June 2002, over two months, conducted a series of 12 workshops in six countries of Mesoamerica (Mexico, Guatemala, Honduras, Panama, and Costa Rica) for protected area managers and policy makers. These workshops focused on what protected area managers can do to influence adjacent land use decisions next to their parks or protected areas.

June 2001 – present Workshops in Hacienda Baru Wildlife Refuge, Costa Rica on the Limits of Acceptable Change Planning Process and subsequent on the development of a management plan for the refuge using this approach.

July 2000 – present, helped to develop, fund and implement the “Building Bridges Project”, a project to improve collaboration and communication between the White River National Forest and two counties and six municipalities in the Blue River Watershed, Colorado. This involved two years of diverse outreach activities. Three of us (Forest Supervisor, Director of NWCO Council of Governments and myself) received the Chief’s Award for Rural Community Assistance for this project.

February 2001, helped to organize and present a workshop for CSU Cooperative Extension, Colorado State Forest and USDA Natural Resources Conservation Service extension agents on Growth Management in Colorado’s communities.

April 1999- May 2000. Served on the Forest Service’s Negotiated Rulemaking Committee on the use of fixed anchors for climbing in Wilderness. This was a formal procedure requiring many meetings as part of a pioneering process to break a deadlock among stakeholders over this issue.

January 2000 helped the International Arm of the US Forest Service to develop a Global, Senior Executive Seminar in Protected Area Management. To do this, I helped to form new Consortium for Protected Area Management comprised of three western universities (CSU, Idaho, Montana).

November 1999, chaired panel on cross-boundary planning and management at the Congress on Recreation and Resource Capacity, Aspen Colorado.

August, 1999. Helped to conduct 4 days of training for 105 U.S. Forest Service wilderness rangers and line officers near Ennis, Montana.

June/July, 1999. Helped to conduct training for protected area managers from all over Brazil. Salto Morato Nature Reserve, Parana, Brazil.

March, 1999. Chaired symposium on Rethinking Park Boundaries: Working Across Lines on the Map? , National Park Service/George Wright Society’s 10<sup>th</sup> Conference on Research and Resource Management in Parks and on Public Lands, Ashville, North Carolina.

April, 1999. Professional exchange, presentations and discussions with faculty and students, national park officials, University of Sassari, Sardinia, Italy.

December/January, 1997-1998. Extended visit to Xuan Mai Forestry College in Vietnam for the purpose of designing new curriculum for in the areas of conservation biology, social forestry, and environmental impact assessment. These courses and course materials were subsequently developed at CSU during the next year and presented to faculty and students in Viet Nam. An agreement was signed between CSU and Xuan Mai for continued collaboration.

November, 1997. Conducted a three day workshop on Visitor Management in Protected Areas at the Brazilian Congress on Protected Area Management, Curitiba, Brazil.

November, 1997. Provided technical assistance to PROMETA, the Bolivian Ministry of Natural Resources and the Universities Juan Misael Saracho and National University of Tucuman (Argentina), and the Nature Conservancy in the development of park ranger training courses and a regional training center. Tarija, Bolivia.

September, 1997 Helped conduct a session, "Translating Vision Into Conservation" multi-day workshop on visitor management for Nature Conservancy Preserve managers. Training held at the Ten Sleep Preserve, Ten Sleep Wyoming, Sept. 7 - 8.

February, 1997 April, 1997 Conducted a week long training session for the Nature Conservancy on Carrying Capacity in Protected Areas for managers from TNC's Latin American Division. Training held in Cancun, Mexico

April 26 - May 1, 1997, Assisted Belize's Conservation Trust Board with a critique of their operational plan, upcoming activities and training.

Sept. - Dec., 1996 Several presentations for the Colorado Dept. Of Agriculture on the results of our study: Public Perceptions About Agriculture in Colorado.

March, 1996, helped to develop and conducted a 2.5 day workshop for Colorado Cooperative Extension Agents and Colorado State Foresters on Land Use Planning and Land Trusts, Colorado State University, Ft. Collins CO, March 12 and 13.

May, 1996. Conducted training in trail design, layout and maintenance and solid waste management for a group of 20 managers from El Salvador studying at the University of Idaho, Moscow ID.

April, 1995, I was appointed as one of the representatives from the United States to The World Conservation Organization's (IUCN) Commission on National Parks and Protected Areas (CNPPA)

June 1995. Cockscomb Basin Belize, I designed and conducted the field training of a third group of park rangers and conservation officers and forest guards in Belize's National Protected Area System.

March, 1995, San Jose Costa Rica. I conducted a three day workshop on Limits of Acceptable Change for planners in the Cost Rican Park Service. I am currently was a ecotourism/visitor management specialist assigned to assist the Park Service by the International Development Bank's National Protected Area Strengthening Project.

June 1994, Brasilia, Brazil. I presented results of our research on ecotour operations in the Amazon basin to the Director of Brazils National Park System, the Minister of Tourism for Amazonas, their staffs and other officials from IBAMA and EMBRATUR. I also presented a proposed strategy for strengthening the management of the protected areas of Amazonas to the Park Service.

November 1993, Rio Bravo Belize, I designed and conducted the field training of the second group of park rangers, conservation officers and Forest Guards in Belize's newly formed National Protected Area System.

July 1993, Training for USFS/BLM wilderness rangers, Durango, Colorado helped conduct a four day training session for rangers from three states.

June 1993, Helped conduct a two week workshop in Galapagos National Park where we worked with a task force to rezone the park and develop a concessions management strategy. Done for the United Nations Development Program, Ecuadorian National Park Service and the Charles Darwin Foundation.

January 1993, helped the Ecuadorian National Park Service design and conduct field training for 63 park rangers in Galapagos National Park, Ecuador.

## **PUBLICATIONS**

### **Refereed Journals, Research Papers and Proceedings**

Wallace, G.N. and S.Macys, 2003. The Perceptions of Fishermen Regarding Marine Turtle Conservation on Holbox Island, Quintana Roo, Mexico. *Journal of Chelonian Conservation and Biology*, Vol 4 number 3.

Wallace, G.N. and J.C.Gaudry, 2003. An Evaluation of the Authority of the Resource Technique in Eight Wilderness/Backcountry Areas, *Journal of Interpretation Research* Vol 7 number 1.

Wallace, G.N., Barborak, J., and C.G.MacFarland, 2003. Land Use Planning and Regulation In and Around Protected Areas: A Study of Best Practices and Capacity Building Needs in Mexico and Central America. In: *Proceedings form World Parks and Protected Areas Congress, Capacity Building Stream*, Durban, South Africa. (accepted and in press).  
See also, book chapters for 2001, 2002

Wallace, G.N., 1999. Influencing Land Use Decisions on Lands Adjacent to Your Park or Protected Area. *Proceedings of the George Wright Society's 10<sup>th</sup> Conference on Research and Resource Management in Parks and on Public Lands: On the Frontiers of Conservation*. Ashville North Carolina, March 23-27.

Wallace, G.N. and J. Wurz. 1997. Wilderness Management Training for Latin American Managers. *International Journal of Wilderness* Vol 3(4).

Wallace, G.N. and L. Johnson. 1997. Wilderness Visitor Perceptions About Grazing. *International Journal of Wilderness Management*, Vol 3(3).

Wallace, G.N. and S. Pierce. 1997. A Principled Evaluation of Ecotour Operations in Amazonas. *Annals of Tourism Research* 23(4).

Wallace, G.N. and M. Smith. 1996. A Comparison of Motivations, Preferred Management Actions, and Setting Preferences Among Costa Ricans, North Americans and European Visitors to Five Protected Areas in Costa Rica. *Journal of Park and Recreation Administration* 15(1).

Wallace, G.N. and M. Lincango. 1996. Towards a Principled Evaluation of Ecotour Operations. *Yale School of Forestry and Environmental Studies Bulletin Series* (99), *The Ecotourism Equation: Measuring the Impacts* Winter 1996: 119-140.

Wallace, G.N. Johnson, L. and J. Mitchell. 1996. Visitor Perceptions of Livestock Grazing in Wilderness: A Preliminary Assessment. *International Journal of Wilderness Management* 2(4).

Wallace, G.N., Mitchell, J.E., and M.D. Wells. 1996. Perceptions of Visitors About Grazing on a Multiple-Use Forest Service Cattle Allotment in Southwestern Colorado. Research Paper RM-RP-321 Rocky Mountain Forest and Range Experiment Station, Ft. Collins, CO. 23 pages.

Knight, R.L., Wallace, G.N. and W.E. Riebsame. 1995. Ranching the View: Subdivisions Versus Agriculture. *Conservation Biology* 9(2),

Mitchell, J.E., Wallace, G.N. and M.D. Wells. 1995. Visitor Perceptions about Cattle Grazing on National Forest Land, *In* *Journal of Range Management* 49(1): 81-86.

Rodriguez, D.R. and G.N. Wallace. 1994. The 'Interpretive Niche' of Park Rangers in Protected Area Management: The Galapagos Case Study. *Legacy* 5(6), 11-16.

Wells, M., Wallace, G., and Mitchell, J. 1993. Cows, Conflict and Communication: A Case Study in Southern Colorado. *Proceedings of the 1993 Visitor Studies Conference*. Jacksonville, AL: Visitor Studies Association.

Wallace, G.N. 1993. Wildlands and Ecotourism in Latin America: Investing in Protected Areas, *Journal of Forestry*: 91(2), 37-40.

Wallace, G.N., 1990. Using the Authority of the Resource as an Interpretive Technique. *Legacy* 1 (2), 4-9.

Wallace, G.N., Haas, G., and P. Tierney. 1990. The Right Link Between Wilderness and Tourism. *Parks and Recreation* , 25(9). 62-66.

Wallace, G.N. and H. Eidsvik. 1988. Wilderness in the International Context. Proceedings, National Wilderness Colloquium, Tampa Florida, SE Forest Experiment Station, Asheville, N.C.

### **Books or Book Chapters**

Wallace, G.N. 2002. Collaborative Land Use Decisions Next to Protected Areas. In: Ecosystem Management, Meffe, G.K., Nielsen, L.A., Knight R.L., and D.A. Schenborn eds.. Island Press, Covelo CA.

Brunson, M., and G. Wallace. 2002. Perceptions of ranching: public views, personal reflections. Pp. 91-105 in Knight, R.L., Gilgert, W.C., and E. Marston, eds. Ranching West of the 100th Meridian. Island Press, Washington, D.C.

Mitchell, J.E., and G.N. Wallace. October 1996, Managing Grazing Across Boundaries in the Big Cimarron Watershed. In: Stewardship Across Boundaries Edited by Richard Knight and Peter Landres, Island Press

Wallace, G.N. 1993 "Visitor Management in Galapagos National Park", chapter in Ecotourism: A Guide for Planners and Managers. Ecotourism Society, Bennington Vermont. (peer reviewed)

Wallace, G.N. 1981 Neighborhood Analysis: An Ethnographic Approach for Teachers and Community Developers, In: Perspectives in Multicultural Education, William Simms, editor, University Press of America.

### **Non Refereed Publications**

Wallace, G.N., 2003. Benefits Beyond Boundaries: Thoughts from the World Parks Congress. In The George Wright Forum, Volume 20, Number 4. Invited essay.

Bayle, B., Wurz, J., Wallace, G., and J. Barborak, 2003. An evaluation of six co-managed protected areas in Nicaragua: the COMAP project. USDA Forest Service/USAID report.

Waskom, R., E.Marx, D. Wolfe and G. Wallace, 2003. Irrigation Ditches and their Operation. Cooperative Extension Bulletin No. 6.701; <http://www.ext.colostate.edu/PUBS/natres/06701.html>

Wallace, G.N., Fix, P., and A.D.Bright, 2001. Public Attitudes About Agriculture in Colorado. Report disseminated state-wide published by College of Natural Resources, Colorado State University and the Colorado State Dept. of Agriculture.

Wallace, G.N.. 2001. A Land Use Planning Handbook for Colorado. Department of Natural Resource Recreation and Tourism, Colorado State University, Ft. Collins. Also published in 1996 for the CSU Cooperative Extension, the Colorado State Forest Service and College of Natural Resources Environment and Natural Resources Policy Institute. Ft. Collins, CO.

Hall, N. and G.N.Wallace. 1998. Perceptions of Livestock Grazing on Public Lands: A Comparison of Wilderness and Non-Wilderness Visitors. Report to the USDA Forest Service Rocky Mountain Forest and Range Experiment Station, Ft. Collins Colorado.

Wallace, G.N. and R. Laven, 1998, developed a complete course in Conservation Biology (teaching modules, instructors guides, audio visuals, field trips etc.) for the Xuan Mai Forestry College in Viet Nam, World Wildlife Fund, Hanoi.

Jackson, W.F., Wallace, G.N. and J.P. Titre. 1998. A Study of Boater Recreation On Lake Berryessa, California. Technical Report prepared for the US Bureau of Reclamation, Mid Pacific Region and Waterways Experiment Station, US Army Corps of Engineers.

Wallace, G.N. and D. S. DeRuiter, 1997. Public Attitudes About Agriculture in Colorado. This study done for the Colorado Department of Agriculture (CDA) and Ag Insights is published by CDA and Colorado State University, Ft.Collins, CO: 74pp. with color overheads and slides Also available at: <http://www.colostate.edu/Depts/CoopExt/> .

Wallace, G.N. and K.S. Trench, 1995. A Study of Rock Climbers in Joshua Tree National Park: Implications for the Visitor Experience and Resource Protection (VERP) Management Framework". A report produced for and published by the National Park Service and Colorado State University. Available from Natural Resources Division, Joshua Tree National Park, Twentynine Palms, CA: 120pp.

Wallace, G.N., MacFarland C.M.,and A. Moore, 1995. Un Analisis de Inversiones Necesarios en Infraestructura y Capacitacion en el Sistema Nacional de Areas Protegidas en Costa Rica. International Development Bank/FUNDEVI, San Jose, Costa Rica. (This a multi- volume report synthesizing a 12 month study of the neede investments in infrastructure and training in the National System of Parks and Protected Areas in Costa Rica.)

Wallace, G.N. and K.S. Trench, 1995. A Study of Rock Climbers in Joshua Tree National Park: Implications for the Visitor Experience and Resource Protection (VERP) Management Framework". A report produced for and published by the National Park Service and Colorado State University. Available from Natural Resources Division, Joshua Tree National Park, Twentynine Palms, CA: 120pp.

Trench, K. and George N. Wallace, 1994. Rock Climbers Social, Managerial and Ecological Norms for Different Settings in Joshua Tree National Park In Proceedings from the National Wilderness Conference, Santa Fe, New Mexico.

Pearson, M. and George N. Wallace, 1994. Prioritizing the Aquisition of Wilderness Inholdings. An interagency National Wilderness System Publication. Colorado State University, Ft.Collins.

Giongo, F., Nizeye, J.B. and George N. Wallace. A Study of the Visitor Management in the World's National Parks and Protected Areas. The Ecotourism Society, Bennington, VT. 125 pages.

Wurz, J.B., Wallace, G.N. and José Cárdenas S.. Motivaciones, Experiencias deseadas y preferencias para técnicas de manejo de los visitantes al Parque Nacional Galapagos, Ecuador. Charles Darwin Foundation, Quito Ecuador. 107 pp.

Wells, M., Wallace, G.N., and J. Mitchell. 1993. Cows, Conflict, and Communication: A Case Study in Southern Colorado. Proceedings of the 1993 Visitor Studies Conference. Jacksonville, AL: Visitor Studies Association.

Wallace, G.N. 1992, Ecotourism and Obligations to Local People, Proceedings from the World Congress on Adventure Travel and Ecotourism, Colorado Springs, Colorado.

Wallace, G.N. 1992, "Visitors Prefer Park Values to Oil and Gas Development", In Park Science: 12(1).

Wallace, G.N. 1991, "Managing the Impacts of Tourism in Galapagos National Park" (in Spanish), report # 722 to the United Nations Development Program, and the President's Commission on Galapagos, UNDP Quito, Ecuador.

Wallace, G.N. 1991, Law Enforcement, Interpretation and the Authority of the Resource Technique, Proceedings, National Interpreters Workshop, Vail Colorado, National Association for Interpretation.

Wallace, G.N., 1990, The Impacts of External Development on the Economic and Aesthetic Values of Theodore Roosevelt National Park, University of Wyoming NPS Research Center, Larimie Wyoming. (shortened version also appears in: 14th Annual Report 1990, of the National Park Service Research Center).

Wallace, G.N., 1990, The Authority of the Resource: an Interpretive Law Enforcement Technique In Interagency Wilderness Management Course, Bureau of Land Management, Colorado State University, Ft. Collins

Wallace, G.N., 1990, Teaching Units: "Towards a Wilderness Ethic"; "Wilderness in the International Context"; Dealing With Undesirable Behavior in Wilderness Areas"; In Interagency Wilderness Management Course, Bureau of Land Management, Colorado State University, Ft. Collins.

Wallace, G.N. and R.Komives, 1989. Managing Impacts to the Rio Bonito Watershed. Technical report published by the Bureau of Reclamation, Ecological Resources Division, Denver, Colorado.

Wallace, G.N. 1987. The Protection or Development of Farmland in Larimer County, Colorado: An Analysis of Issues and Attitudes. PhD. dissertation, Colorado State University, Ft. Collins, Colorado.

## **Nature Writing**

August 1991, "If Elk Would Scream" essay in Hunters Heart edited by David Petersen. Henry Holt and Co., New York.

August 1991, "Wilderness: More Than a Refuge for Elitist Backpackers", In Trilogy, July/August

January 1991, "Wilderness Not An Elitist Notion", guest article, Denver Post, January 6.

October 1983, "The Elk Hunt", High Country News, October 14.

April 1982, "Goose Chases: City, Country and Wild", High Country News, April 30.

## **Media/Audio-Visual Materials**

1995, The Last Cash Crop. In Subdividing the West: Implications of Population Growth. Colorado State University Instructional Services. Ft. Collins, CO. Video 40 minutes.

1986, "Cuanto Vale El Agua?" ("How Much is Water Worth?") a slide-tape-booklet and video presentation now used country-wide by the national water agency in Costa Rica (Acueductos and Alcantarillados), to interpret water and watershed issues for the public. Published in 1986 Costa Rica by A y A and CATIE's Regional Watershed Management Project.

1986, "El Manejo de Las Cuencas Hidrograficas" ("Watershed Management"), Co-authored with Dr. Carlos Quesada, a slide-tape-booklet presentation designed for middle and upper level agency professionals and decision makers, that interprets how a watershed functions, the critical problems facing Central America's watersheds, and possible solutions to those problems. Published in 1985 by CATIE's Regional Watershed Management Project and distributed in Panama, Costa Rica, Honduras and Guatemala.

1985, "The Small Farmer in Latin America"; "The Small Farmer in Africa", two slide-tape shows developed with Title XII USAID funds and used to train people going overseas to work in rural development. Colorado State University Instructional Services, Ft. Collins CO.

1984, "Lo Que Se Debe Saber de Los Pesticidas" ("What You Should Know About Pesticides"), a slide-tape-resource book package in Spanish and English developed for the Environmental Protection Agency for use with migrant farmworkers, available from the EPA Pesticides Division, Denver, Colorado.

## **INVITED PRESENTATIONS AND SYMPOSIA**

September, 2003. Land Use Planning and Regulation In and Around Protected Areas: A Study of Best Practices and Capacity Building Needs in Mexico and Central America. Given at the World Parks Congress in Durban South Africa, September 12. Paper and poster session.

April, 2003. Stewardship and Protected Areas. Presented as part of the College of Natural Resources Seminar series on stewardship, Colorado State University, April 8, 2003, Ft. Collins, CO.

October, 2002. Plenary Presentation, Personal Challenges for Protected Area Professionals. Given to participants of the Global Challenges of Parks and Protected Area Management Symposium, International Symposia on Society and Resource Management, October 10-13, La Maddalena, Italy.

October, 2002. Towards a Model for Cross-boundary Management of Public and Private Lands. Global Challenges of Parks and Protected Area Management Symposium, International Symposia on Society and Resource Management, October 10-13, La Maddalena, Italy.

February, 2002, Root Causes of Rainforest Destruction: A Response to Cassie Boston. Live presentation filmed by CNN as part of their Special Projects Series. February 28, Colorado State University, Ft. Collins, CO.

April, 2001. Building Bridges: A Boundary Analysis Exercise Between Local Governments and the White River National Forest. Presented at "Crossing Boundaries in Park Management" The George Wright Society's Biennial Conference, Denver, Colorado.

September, 2001. The Importance of Working With Local Government: a Guide for Protected Area Managers. Presented to participants in the International Seminar on Protected Area Management, September 4 and 5, Whitefish, Montana.

February, 2001 Plenary Presentation, Tools and Techniques for Land Conservation. Given to Colorado extension agents attending the Addressing Growth Decisions Training Conference. Cooperative Extension, Colorado State University, Ft. Collins, CO. Also member of the planning team for this four day in-service training workshop.

November, 1999. Influencing Land Use Decisions on Lands Adjacent to Your Park or Protected Area: A Planning Commissioner's Point of View. Presented at the Congress on Recreation and Resource Capacity, Aspen Colorado.

April, 1999. Two presentations: 1) Values Inherent in Protected Areas and 2) Managing Visitor Impacts in Protected Areas: The Case of Galapagos National Park, Ecuador. Given to faculty, students and invited guests, University of Sassari, Sardinia, Italy.

March, 1999. Influencing Land Use Decisions On Lands Adjacent to Your Park or Protected Area. Given at the George Wright Society's 10<sup>th</sup> Conference on Research and Resource Management in Parks and on Public Lands: On the Frontiers of Conservation, Ashville, North Carolina.

November, 1997, Tourism in Brazils Protected Areas: What are the Limits?. Keynote address given to the Brazilian Congress on Protected Areas (Congresso Brasileiro de Unidades de Conservacao), Curitiba, Brazil, November 17.

September, 1997, two presentations : Taming Tourism & Public Use in the Site Conservation Planning Context. Given at the Nature Conservancy's training for preserve managers, "Translating Visitation Into Conservation" workshop. Tensleep Preserve, Ten Sleep, WY, Sept. 7 - 10.

May, 1997, three presentations given at the First Latin American Congress on National Parks and Protected Areas, (in Spanish) 1) Land Use Planning and Buffer Zones Next to Protected Areas- plenary address; 2) Lessons Learned From Eight Years of Training Protected Area Managers - Symposium presentation; 3) Half -day workshop on Carrying Capacity and Minimizing Impacts From Human Use in Protected Areas - conducted with Jim Wurz. All these were given in Santa Marta Colombia between May 21 - 28.

April, 1997. Minimizing Impacts From Recreation on Public Lands. Plenary talk given to Desert Tortoise Council and Protected Area Managers, Las Vegas Nevada, April 5.

February, 1997. A Comparison of the Motives and Preferences Among Costa Rican, North American and Costa Rican Visitors to Five National Parks in Costa Rica. given at the 1997 International Symposium on Human Dimensions of Natural Resource Management in the Americas, February 25-28, Belize City, Belize Central America.

February, 1997. Reflections on Twenty Years of International Training. given at the International Symposium on Human Dimensions of Natural Resource Management in the Americas, February 25-28, Belize City, Belize Central America.

October, 1996 field tour and presentation "Regional Research Issues in Agriculture and the Environment". given to USDA officials and participants in the Bioregional Planning for Agricultural Research Workshop. Ft.Collins CO. October 8.

April , 1996 plenary address, "A Systematic Approach to Evaluating Ecotourism Operations". Given at a conference entitled: The Ecotourism Equation: Measuring the Impacts, Yale University, New Haven Connecticut, April 12 - 14.

February, 1966. Presentation at the Governors Agricultural Forum "Agriculture and Growth". Colorado Department of Agriculture, Denver CO. Feb 23.

January, 1996. Radio show on the social and biological affects of the conversion of agricultural lands, KFKA, broadcast to 13 states. Greely Farm Show, Greely, CO, January 24.

February, 1996. presentation Wilderness Visitor Perceptions about Livestock Grazing, (co-author of talk given by Dr. John Mitchell) Society for Range Management's 49th Annual meeting, Wichita, Kansas, February 11-15.

October, 1995. plenary presentation "The Last Cash Crop". Given at a symposium entitled Subdividing the West, Colorado State University, Ft. Collins, CO, October 13th.

April, 1995. panelist "Wilderness Education Panel"; and focus group sessions on "Wilderness Climbing Ethics" at the Wilderness Education Association's National Conference for Outdoor Leadership, Ft. Collins, CO, April 1.

March, 1995. series of invited presentations and workshop, "Limits of Acceptable Change and the Costa Rican Protected Area System Planning Process", given to park administrators and planners on March 22, in San Jose Costa Rica.

March, 1995. panelist, public forum on "Land Use Planning, Private Property and Public Concern". Loveland Colorado, March 22.

February, 1995. invited presentation, "The Importance of Agriculture to Wildlife Habitat and Biological Diversity". given as a luncheon talk at the Governor's Agricultural Outlook Forum, held in Denver, CO, February 17.

January, 1995, invited presentation, "Human Dimensions of Wilderness Research", given at the Intermountain Wilderness Area Ecosystem Study's Technical Workshop, held in Ft. Collins CO, January 12.

November, 1994, invited presentation, "Norms Held by Rock Climbers for Different Settings in Joshua Tree National Park". National Wilderness Conference, Santa Fe, New Mexico, Nov. 14-18.

September, 1994, invited presentation, "Ecotourism Principles" given at a National Symposium on Possibilities and Limitations for the Development of Ecotourism in the Dominican Republic. Santo Domingo, D.R. September 21.

May, 1994, invited presentation, "Changing Public Values: Implications for Ecosystem Management", given at USDA Forest Service Regional Workshop on Ecosystem Management, Jackson, Wyoming May 8 - 14.

December 1993, invited presentation, "The Role of Visitor Surveys in Measuring Visitor Expectations", given at the National Park Service's Rocky Mountain Region Joint Conference on Interpretation, Resources Management, Research and Ecosystem Mgmt. Denver CO, Dec. 6 - 10.

November 1993, invited presentation, "Overview of the Joshua Tree National Monument Rock Climbing Study", given at the Recreational Climbing On Public Lands Symposium sponsored by the National Parks and Conservation Assn., Boulder CO, November 19.

February 1993, invited presentation on "The Economic Value of Wilderness", given with Mark Pearson at the Wilderness Management Symposium, Bureau of Land Management, Cheyenne Wyoming, Feb. 16-17.

April 1993, invited presentation: "Non-Tree Resource Supply, Demand and Forecast". Society of American Foresters, Colorado/Wyoming Annual Meeting, April 1-3, Ft. Collins, CO.

## **AWARDS**

2002, Chief's Award (USFS) for Rural Community Assistance

2001 Larimer County Environmental Stewardship Award.

2001, 2000, 1998, 1997, 1993, Faculty Teaching Awards given by the Natural Resources College Council.

2001, 1996 Faculty Development Grants, College of Natural Resources.

1996, Grant for Innovation in Instruction given by the Office of Instructional Services, Colo. State University

1995, Landowner of the Year Award, Colorado Division of Wildlife.

## **UNIVERSITY/COLLEGE COMMITTEES**

CNR's At Large Representative to Faculty Council

CNR's representative on CSU's Growth Management Team

CNR Scholarship Committee

International Affairs Committee, chair;

Graduate Studies in Natural Resources;

CNR Reorganization Committee

CNR Public Lands Committee - advisory group

Dept. Protected Areas Concentration Head

Committee to Develop Graduate/Senior Seminar Series

Extension, Homecoming Committees,

Former, Encircle the Earth Native American Program Comm.

Former, Faculty advisor for the Wildlands Action Group.

## **PROFESSIONAL ORGANIZATIONS**

IUCN World Conservation Union, Currently Serve on the Commission for National Parks and Protected Areas and advisor to the World Parks Congress Capacity Building stream.

Society of American Foresters, Wilderness Working Group

Society of Range Management

International Society of Tropical Foresters

George Wright Society (National Park Service Research)

## **CIVIC ORGANIZATIONS RELATED TO WORK**

Planning Commission, Larimer County 1995 -

Larimer County Agricultural Task Force 1996- (chair)

Larimer County Environmental Advisory Board, 1993 -1995

Larimer County Parks Task Force, 1991-1992

Board of Directors, Poudre Wilderness Volunteers 1996-2000

Governor's Smart Growth Committee |