

DAIN MADDOX
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Education

Marquette University, Alternative Dispute Resolution, 2001
Utah State University, M.F. Forest Hydrology, 1977
University of Utah, B.A. Philosophy, 1972

Professional Affiliations

Member, Udall Institute for Environmental Conflict Resolution
Member, Wisconsin Association of Mediators
Member, Wisconsin Supreme Court Office of Lawyer Review
Licensed Hydrologist, State of Wisconsin

Key Qualifications

I am an environmental mediator and licensed hydrologist with over 25 years experience helping government agencies, conservation organizations, and private parties resolve their disputes. I have worked for the Wisconsin Department of Natural Resources where I designed and facilitated numerous Advisory Committee meetings concerning invasive species. Before that, I was with the U.S. Forest Service as the Eastern Region Conflict Resolution Coordinator, Forest Hydrologist, Monitoring Coordinator, and Assistant Regional Geologist. In addition to designing and facilitating dispute resolution processes for the Forest Service, I conducted aquatic ecosystem surveys, designed acid mine water treatment facilities, worked on groundwater inventories, created watershed monitoring programs, and managed watershed restoration projects in several Midwest, Eastern, and Appalachian states.

The scope of my mediation and hydrological project work has entailed complex political, social, and technical issues associated with invasive species management, watershed restoration, mineral development, ski area expansions, endangered species listings, and land use planning. I have worked directly with the White House Council on Environmental Quality, Environmental Protection Agency, Fish and Wildlife Service, Army Corps of Engineers, National Park Service, Bureau of Land Management, tribes, state agencies, non-government organizations, and private parties on high visibility and controversial public and private projects. I know firsthand the politics, sciences, economics, interests, and emotions brought to the table and have successfully used my experience and training to help parties identify relevant information, articulate critical issues, understand constraints, and create options to collectively resolve their differences and support the final decision.

Project Experience

Wisconsin Invasive Species Control Field Manual. Designed and facilitated a series of meetings for the Wisconsin Council on Forestry. The Council created an Advisory Committee to develop a set of best management practices for forest professionals and woodland owners to limit the introduction and spread of invasive species in Wisconsin. There were 18 Advisory Committee members including professional foresters, loggers, landowners, scientists, conservationists, and representatives from tribes as well as federal, state, and local governments. Technical support team members and numerous ad hoc resource specialists also participated. Twelve formal Committee meetings were conducted over a two-year period. After the first 4 meetings, the Committee was struggling to complete its work and hired me to redesign their meeting process and facilitate the last 8 meetings. In addition to those meetings, I facilitated several conference calls and workgroup meetings to resolve specific issues and worked directly with the technical team to complete the final report. I also prepared a Lessons Learned paper for the Wisconsin DNR to help guide future Advisory Committees.

Wisconsin Invasive Species Strategic Plan. Facilitated 6 meetings of the Governor's Council on Invasive Species. The primary objective of the Council was to develop a statewide comprehensive strategic plan that integrated and prioritized all invasive species prevention efforts throughout the state. Council members represented both public and private interests. I interviewed guest speakers and coordinated presentations, facilitated discussions between speakers and council members, developed meeting agendas, worked with support staff to compile and submit meeting summaries, and reviewed the draft strategic plan.

Loon Mountain Ski Resort. Project Leader for the Forest Service environmental impact statement to assess the potential effects to national forest lands and surrounding communities from the proposed expansion of the Loon Mountain Ski Resort in northern New Hampshire. Facilitated numerous public meetings to ensure comprehensive public input regarding the proposed ski area expansion. Met with agencies, organizations, and private individuals to identify, assess, and resolve concerns regarding issues such as excessive growth, critical wildlife habitat, public water supplies, increased traffic, loss of community, aquatic ecosystems, private use of public land, water discharge permits, and aesthetics. Facilitated meetings with federal and state agencies to ensure their representation in the environmental analysis. Prepared briefings and participated in meetings with the White House Council on Environmental Quality and the Environmental Protection Agency. Developed and administered contracts to complete studies for the environmental analysis. Developed and implemented an instream flow study to assess the potential impacts to aquatic organisms from water withdrawals during winter low streamflow. Worked directly with contractors and state officials to design runoff storage facilities to ensure all snow-making runoff was treated before discharging into local waterways. Negotiated snow-making water withdrawal procedures to minimize impacts to local streams while still providing water to meet ski area demand.

Forest Plan Appeal Resolution. Designed the Eastern Region forest and grassland plan appeal review process and facilitated 13 conflict resolution meetings between the Regional Forester and appellants. These appeals involved 8 national forests and several different issues including: oil/gas development on the Allegheny National Forest (NF), rare ecosystem protection on the Green

Mountain NF, wildlife habitat management on the Huron-Manistee NF, logging on the Mark Twain NF, and recreation vehicle use on the Chequamegon-Nicolet NF.

Lead Mining and Exploration. Project co-leader for the environmental impact statement to assess the potential effects of exploration drilling and underground mining of lead on the Mark Twain NF in Missouri. This project was highly controversial and environmentally complex. The proposed mining area geology is karst, with numerous “disappearing” streams, caves, and groundwater systems. The proposed exploration project involved several federal and state agencies, numerous industry interests, and conservation organizations. Some of major issues were potential groundwater impacts, public health and safety, and local economic development. Assisted in the design and implementation of groundwater inventories and monitoring studies to determine how proposed drilling and subsequent mining may affect groundwater flows and water quality. Helped design and assess surface water treatment facilities and detention pond sitings for mine tailings storage.

Watershed Management Program. In addition to the specific water-related work identified in the Loon Mountain Ski Resort and Lead Mining projects, I also conceived and implemented a forest-wide watershed restoration program for the Wayne National Forest in Ohio, advised and participated in the Office of Surface Mining agency’s first watershed suitability assessment in West Virginia, advised other hydrologists on watershed issues related to prairie restoration on Midewin National Tallgrass Prairie in Illinois, and developed regional standards and processes to complete watershed assessments for several national forests.

Forest Service Eastern Region NEPA Coordinator. Senior advisor for the Eastern Region on all matters related to compliance with the National Environmental Policy Act (NEPA). This included 16 National Forest Supervisors and their staff. Developed regional environmental analyses policies, teaching manuals, and implementation guides. Principal environmental policy liaison with the Office of General Counsel. Regional Forester’s representative at national and inter-governmental agency environmental conferences. Principal regional contact with other federal agencies (including the Environmental Protection Agency, Army Corps of Engineers, Fish and Wildlife Service, National Park Service, and Bureau of Land Management), various state agencies, and non-government organizations regarding environmental issues.

Multi-Forest Land Use Plan Monitoring Program. Designed and implemented a region-wide integrated project monitoring program for all Eastern Region national forests and grasslands. This monitoring program identifies resource specific parameters and data collection protocols. These monitoring plans connect to multi-agency databases, are accessible to the public, and help parties develop corrective actions to amend or revise land use plans.

Forest Service Plan Rule Listening Sessions. Facilitator for the Eastern Region Plan Rule roundtable for the U.S. Forest Service. The purpose of the listening sessions was to gather input from stakeholders regarding the development of a new planning rule that will govern future forest and grassland plans.