

WILDLIFE MANAGEMENT

BACKGROUND AND SERVICES

CDR Associates assists diverse parties to work together and successfully resolve a wide range of complex water issues and disputes. For over 30 years, we have provided multiparty problem-solving and stakeholder engagement processes to help government agencies, the private sector, public interest groups, and citizens come together to talk and reach tangible and durable agreements.

CDR's professional staff works across the U.S. - from Pennsylvania to California, and Florida to Alaska. Internationally, we offer complementary services in Africa, Asia, Europe, the Middle East, Oceania Pacific Region, and South America.

CDR is successful because of our ability to work effectively as intermediaries with multiple and diverse stakeholders. We assist people like you to design and implement effective customized problem-solving procedures. Our processes help address your unique circumstances and interests, and also meet the specific needs of your counterparts.

We have process expertise in five critical areas:

- **Situation assessments** to evaluate the willingness of parties to engage in collaborative decision making processes, and take steps to get talks started
- **Facilitation** of collaborative planning and decision making processes involving complex wildlife issues and highly diverse stakeholders
- **Mediation** of deeply entrenched wildlife disputes, either prior to or during litigation
- **Development of formal settlement agreements and institutional arrangements** including contracts, compacts, and dispute resolution systems to ensure long-term sustainability of agreements
- **Capacity building and training** in collaborative problem-solving, facilitation, and negotiation to successfully resolve wildlife disputes.

Additionally, we provide extensive:

- **Technical and scientific expertise** in hydrology, ecology, systems engineering, and economics
- **Intercultural experience** working across diverse ethnic, professional, and language boundaries.

While we do not provide formal technical or scientific consultation or recommendations, our knowledge in the fields above enable us to work with you to expedite discussions that involve the interface between technical data, analysis and modeling efforts, and collaborative decisions making procedures. We assist you to secure technical or scientific experts and information necessary for wise decisions, and build broadly supported agreements in a timely and cost-effective manner.

Additionally, our extensive intercultural experience at home and abroad enables us to work with you and counterparts from different cultures to design problem-solving talks or negotiations that respect cultural differences.

CDR has a number of targeted focus areas in the wildlife sector where we provide professional assistance, including:

- Interface between wildlife and water
- Multi-objective Integrative Water Basin Planning and Management
- Resolution of endangered species issues
- Organizational decision making among and between agencies mandated to address wildlife issues
- Adaptive Management as a tool to respond to unknown impacts of management and system uncertainties
- Capacity Building for government agencies and public interest groups in Collaborative Decision Making, Negotiation, Mediation and Public Involvement Processes

SELECTION OF EXPERIENCE

Endangered Species

Missouri River Basin Situation Assessment - U.S. Institute for Environmental Conflict Resolution - *Situation assessment and recommendations on the feasibility and convening of a Missouri River Recovery Implementation Committee (MRRIC).*

Conducted a situation assessment on the feasibility and potential procedures for convening a basin-wide committee that would address recovery issues related to three endangered species (pallid sturgeon, piping plover and least tern), and related socioeconomic impacts on Tribes, agriculture, navigation, recreation, fish and wildlife, and municipalities. The assessment involved interviews with over 90 potential stakeholders, electronic polling, and facilitation of a feedback meeting to gain input for recommendations. The report was distributed to all concerned Federal agencies (U.S. Army Corps of Engineers, Fish and Wildlife Service, Environmental Protection Agency, National Park Service, and Western Area Power Administration), 28 Tribes, 8 states and over 70 concerned stakeholders. Agencies and parties have used the report to structure and convene the Committee.

Missouri River Spring Rise Facilitation - U.S. Institute for Environmental Conflict Resolution - *Facilitation of Recommendations for a Spring Rise on the Missouri River to enhance recovery of the Pallid Sturgeon.*

Convened and facilitated a 49-member plenary group of diverse parties to develop recommendations for the U.S. Army Corps of Engineers and the U.S. Fish and Wildlife Service on conditions and measures to conduct a spring rise on the Missouri River. The rise is to simulate historic flows of the river and enhance the recovery of the pallid sturgeon, and endangered species. The Plenary included representatives of five Federal agencies; 27 Tribes; 8 states; diverse non-Federal, Tribal or state stakeholders from agricultural, navigation, recreation, fish and wildlife, and environmental communities. In addition CDR facilitated multiple technical working groups involving approximately 75 members. The concerned Federal agencies used the results of the Plenary deliberations to develop plans for a spring rise, the first of which was conducted in May 2006.

Platte River Cooperative Agreement and Endangered Species Partnership Mediation of Water Issues - States of Colorado, Nebraska and Wyoming and the U.S. Government - *Mediation of specific water components of an interstate agreement to promote recovery of endangered species.* Mediated negotiations over the provision of water from the North and South Platte Rivers to enhance recovery of habitat for four endangered species - the whooping crane, least tern, piping plover and the pallid sturgeon. The Platte River Endangered Species Partnership is a collaborative effort among the three states, the Federal government, private landowners, and environmental groups to implement the Platte River Cooperative Agreement among Nebraska, Colorado, Wyoming, and the United States. The broad goals of the negotiations were to develop and implement a Recovery Implementation Program with required stream flows that would meet requirements of the Federal Endangered Species Act for recovery of the species, and allow existing and new water users in the Platte Basin to proceed without actions in addition to the Program. Settlement of contested issues enabled parties to complete development of agreements on broad state water plans; requirements for target, pulse, and peak flows; timing of releases; and state depletion plans to address current and future development in the basin.

Platte River Cooperative Agreement and Endangered Species Partnership Mediation of Land Issues - States of Colorado, Nebraska, and Wyoming and the U.S. Government - *Mediation of land components of an interstate agreement to promote recovery of endangered species.* Mediated the land portion of a habitat recovery plan for endangered species on the Platte River. CDR designed and facilitated a workshop that reached a consensus around the form of an entity to own land as part of the Program.

Klamath River Basin Mediation - Federal District Court of Oregon and diverse Oregon and Northern California parties - *Situation assessment and mediation to settle water allocation issues to meet needs of endangered species, tribal, agricultural, fisheries, wildlife, municipal, and other users.* Conducted a situation assessment and a series of mediated negotiations to address provision of water to Klamath water users, protection of endangered species, and meeting Federal Tribal Trust responsibilities. During the winter and spring of 2001, the Klamath Basin experienced a severe drought. Its water resources are over appropriated. Based on biological opinions of the U.S. Fish and Wildlife Service and the National Marine Fisheries Service under the Endangered Species Act, the Bureau of Reclamation limited amounts of irrigation water available from Upper Klamath Lake to Klamath Project irrigators in Oregon and California. This led to protests, occupation of the headgate of the dam by demonstrators, and a legal request for injunctive relief from the Federal District Court by Project irrigators. The court denied the request and encouraged parties to enter into mediation to address Klamath Basin issues in a comprehensive manner. CDR conducted a situation assessment for all parties and conducted a number of mediation sessions under the auspices of the court. Talks were suspended when Project irrigators dismissed their lawsuit, which had served as the vehicle for mediation.

Carmel River (California) Endangered Species Recovery Plan Facilitation - U.S. National Marine Fisheries Service and the California-American Water Company - *Mediation of components of a habit recovery plan.* Mediated components of a habitat recovery plan for steelhead trout in the Carmel River. Issues involved groundwater storage, out-of-stream water uses, dam removal, development of off-stream water storage, fish passage, stream flows, and other habitat recovery measures.

Wildlife and Other Species Management

Situation Assessment on Dog Management Golden Gate National Park - U.S. National Park Service - *Situation assessment on the feasibility of convening a regulatory negotiation on dog management in an urban national park.* Assisted the National Park service to gather information from the public on issues, interests, and concerns regarding highly contentious issues of access to and control of dogs in the Golden Gate National Park.

Alaska Wolf Summit - Alaska Governor's Office and Alaska Department of Fish and Game, Wildlife Conservation Division - *Design and facilitation of a multi-stakeholder policy and procedures dialogue on wildlife management.* Facilitated a large public participation process, initiated by the Governor of Alaska, to explore the issue of wolf management as a way to positively influence predator/prey relationships. Assisted in the process design, designed the public meeting format, facilitated all plenary sessions, and trained staff from the Alaska Ombudsman's and Division of Wildlife Conservation offices as small group facilitators and recorders. Over 120 invited participants, representing the Alaska Board of Game, the Hunters' Association, Native Alaskans, environmental groups, wildlife conservation organizations and animal rights activists participated in the process, which was designed for both information exchange and option generation. Fourteen hundred people attended the information sessions to hear the final report back to the Governor and the Alaska Board of Game, which had both procedural and substantive proposals.

Colorado Furbearer Dialogue - Colorado Division of Wildlife - *Design and facilitation of a policy dialogue on management of furbearer populations.* Facilitated a six-month stakeholder dialogue which developed policy recommendations regarding the management of furbearer populations which were forwarded to the Colorado Wildlife Commission. The dialogue focused on heavily value laden issues concerning attitudes towards hunting, trapping, and predator management. Participants included wildlife management professionals, agricultural interests, trapping and hunting groups, animal rights activists, and environmental organizations.

Mount Evans Wildlife-Recreation Dialogue - Colorado Division of Wildlife - *Design and mediation of a dialogue process to develop plans for wildlife-related recreation.* Mediated a stakeholder dialogue charged with developing policy recommendations for wildlife-related recreation for the Mount Evans wilderness area. The stakeholder group was comprised of representatives from various hunting organizations, animal rights groups, state agencies, and environmental groups. The stakeholder group explored competing wildlife-related recreational needs, and developed consensus recommendations for management of the wilderness area which included components such as a buffer area along the road within which hunting would be prohibited. The Colorado Division of Wildlife adopted the recommendations from the group.

Wildlife Management and Conflict Resolution Capacity Building

Socially Responsive Leadership: Collaborative Approaches and Strategies for National Park Superintendents and Communities - U.S. National Park Service - *Design and presentation of a customized seminar on park-community relations.* Assisted National Park Superintendents who are constantly faced with situations where diverse members of the public and parks need to find mutually satisfactory solutions to complex and high

stakes issues concerning park access, wildlife and natural resource protection, land management, Tribal Trust responsibilities, and development problems within and surrounding parks. Conducted training to build capacities in collaboration, joint problem solving, partnering, and negotiations.

Crisis Management Approaches and Strategies for Responding to an Angry Public - US

Bureau of Reclamation, US Fish & Wildlife Service and Bureau of Indian Affairs, Albuquerque, NM - *Designed and facilitated a workshop to help agencies address a water crisis and impacts on diverse species.* CDR staff designed and conducted a workshop to address conflicts resulting from extreme water shortages. Shortages affected New Mexico municipal water users, farmers, tribes, and fish protected by the Endangered Species Act. Issues discussed at the workshop included (1) current status of water supply and public reactions; (2) situations and incidents staffs of the agencies were facing, and staff morale; and (3) communication within agencies, among agencies, and between agencies and the public. The program focused on training to help staff address this crisis and consultation on internal and public communication strategies.

Klamath River Basin Planning and Crisis Intervention - U.S. Fish and Wildlife Service and

U.S. Bureau of Reclamation - *Assistance to agencies to coordinate responses to diverse angry publics over water shortages and cutoffs in the Klamath River Basin.* Consulted with local Bureau of Reclamation and USFWS staff regarding local management of the impending crisis over impacts of a severe drought, contributing stresses on already over appropriated water resources, and the issuance of the US Fish and Wildlife Service and National Marine Fisheries biological opinions. Subsequently facilitated a full-day public meeting to provide information regarding potential outcomes. As a follow up to the public meeting, CDR staff facilitated a number of meetings among the three federal agencies during the week that final decisions were being made regarding management of the crisis water.

Complex Environmental Negotiations Seminars - U.S. Fish & Wildlife Service - *Design and presentation of customized capacity building seminars for agency staff.* Designed and delivered a series of three-day training programs on Complex Environmental Negotiations for staff of the Fish & Wildlife Service throughout the U.S. The program focused on multiparty environmental conflicts over threatened and endangered species, resource protection, public access to protected areas, and other policy questions.

International Wildlife Management and Consultations and Capacity Building

International - Multinational

International Facilitation and Capacity Building Workshop - Okavango River Basin Commission (OKACOM), U.S. State Department, U.S. Agency for International Development, and the U.S. Bureau of Reclamation - *Situation assessment, training, and facilitation of workshop on transboundary river management and wetlands protection.* CDR conducted a situation assessment of parties, issues, and interests related to the management of the Okavango River, the third largest river in southern Africa. It flows between the three countries and into the Okavango Delta (a site recognized by the

Ramsar International Treaty for the conservation and sustainable utilization of wetlands. Subsequently CDR designed and facilitated an international workshop and training program for commissioners and their technical staff from each of the countries to develop procedures and protocols for working on effective integrated river basin management.

Facilitation of Agreements on Transboundary Water Issues - Okavango River Basin Commission (OKACOM), U.S. State Department, U.S. Agency for International Development, and the U.S. Bureau of Reclamation - *Facilitation of meetings and conducted a training program to develop an operational protocol for river management*. Facilitated a problem solving meeting involving Okavango River Basin Commissioners and the Okavango Basin Steering Committee to develop a protocol of operating procedures for the Commission.

Facilitation of Inter-Ministerial Conference on the Okavango River Basin - Ministers from Angola, Botswana, and Namibia; the Okavango River Basin Commission (OKACOM); U.S. State Department; U.S. Agency for International Development; and the U.S. Bureau of Reclamation - *Design and facilitation of an inter-ministerial conference on transboundary river management*. CDR assisted the U.S. State Department, Agency for International Development, and the Bureau of Reclamation to convene and conduct a three-day international coordination meeting between ministries concerned with the management of the Okavango River and OKACOM Commissioners and staff. CDR conducted a four-hour session on steps that nations could take to enhance trust, build a common vision, coordinate their negotiations, and develop mutually agreeable systems for collaborative decision making and dispute resolution.

Natural Resource Conflict Management Seminars - LEAD International (Leadership for Environment and Development), Chang Mai, Thailand; Harare, Zimbabwe; Okinawa, Japan; Mexico City, Mexico - *Design and presentation of multiple seminars on various aspects of natural conflict management*. Conducted multiple training programs on negotiation and mediation of environmental disputes for over 500 environmental (both public and private sector) leaders from fifteen developing countries participating in this international program funded by the Rockefeller Foundation. Additionally, provided consultation and training in facilitation and team building for LEAD country leaders at their fourth international session. Country leaders were responsible for assisting the "fellows" in their in-country and international work, and CDR was responsible for working with country leaders to build their skills in working with their groups on complex environmental issues.

International - Country Specific

Belize

Environmental Conflict Management Seminar - Belize Forestry Department - *Design and presentation of a customized seminar on resolution of issues related to ecologically sensitive areas*. Conducted a five-day seminar on Environmental Conflict Management for governmental agencies working to manage and protect ecologically sensitive areas in Central America. The seminar was secured by PROARCA, an international environmental development project supported by the U.S. Agency for International Development. The initiative in Belize is part of a multi-country project to preserve biodiversity, protect ecologically sensitive species and habitat, and enhance an eco-corridor in the region.

Germany and Zimbabwe

Capacity Building Training in Environmental Conflict Management - Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH - *Designed and conducted training seminars on natural resource conflict management.* Assisted this German technical assistance and development agency to implement a series of dispute resolution initiatives and training projects to address contentious development issues. CDR conducted a series of lectures, five-day seminars, and skill-building sessions in Bonn, Germany and Harare, Zimbabwe, for GTZ's international project managers from Africa, Asia, and Latin America. Seminars focused on applications of dispute resolution procedures to address environmental issues related to air quality, habitat protection, management of parks and game reserves, and water issues.

Liberia

Peace Parks Consultation - Forest Development Authority (FDA) and Development Alternatives International, Liberia - *Peace Parks consultation on development of action plans.* Prior to joining CDR, a Program Manager served as a consultant and facilitator for the development of two action plans for the Forest Development Authority (FDA) staff (one for the management plan for East Nimba Nature Reserve; the other for the establishment of a Peace Park in the Nimba Region). She established contacts between the FDA and relevant UN agencies to advance the World Heritage Site application process, and formulated recommendations for the FDA to improve its organizational effectiveness and advance the peace parks process

South Africa

Natural Resources Decision Making and Conflict Management Seminars - Environmental Evaluation Unit/Centre for Intergroup Studies, University of Cape Town, South Africa - *Design and presentation of the first natural resource conflict management seminars in South Africa.* Designed and conducted two 32-hour seminars for municipal planners, professionals managing national and provincial parks, and community leaders. The courses focused on the uses of negotiation, facilitation, and mediation to resolve disputes over land use, environmental protection and natural resource development issues. A specific focus was the protection and management of wildlife on parkland.

We welcome the opportunity to talk about your wildlife issues or conflicts and explore how CDR might help you, your colleagues, and others with whom you work to develop effective approaches and procedures to address your critical needs.