

KINA MURPHY, M.S.

Ecologist / Community Planner

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Education / Training

Universities/Colleges

- Ph.D Candidate, Biology/ Ecology, University of New Mexico, Collins Lab, 2010 Present
- M.S., Community and Regional Planning and Ecology, Natural Resources/Ecology, University of New Mexico, Albuquerque, 2006
- B.S., Conservation Science, College of Santa Fe, New Mexico, 2000
- Liberal Arts, Philosophy, St. John's College; Santa Fe, New Mexico, 1991-1993 & 1999

Fellowships

- Whole Thinking Fellow, Center for Whole Communities, 2009
- Kinship Conservation Fellow, Market Based Approaches to Conservation, 2007
- Fulbright Scholar in Ecology - Riparian and Wetland Corridor Assessments with Rural Communities in Botswana's Chobe Enclave, 2003-2004

Courses and Certificates

- First Aid, New Mexico Department of Transportation; Santa Fe, New Mexico, 2007
- Aerial Surveys, CARACAL, Botswana Department of Wildlife; Botswana, 2004
- Lion Tracking, Center for African Resources CARACAL; Botswana, 2003
- Cultural Diversity Training, National Parks and Conservation Association; Santa Fe, New Mexico, 2002

Experience Summary

Professional Experience

President & Founder, Global Conservation Assistance; Santa Fe, New Mexico (2004–present): Responsible for organizational, mission, program, and conservation initiative development; international affairs; park and open space planning; project oversight; operational budget management, program budget management; employee management; proposal writing; community outreach and strategic development.
Role: Founder, President and CEO.

Conservation & Stewardship Director, Earth Works Institute; Santa Fe, New Mexico (April 2009–present): Responsible for: Project oversight and management, contractor management, project budgets, proposal writing, program development, conducting community stewardship meetings, planning documents, NEPA/compliance documents, biological field studies, resource surveys, aquatic surveys, and biological and spatial data collection.

Biologist / Environmental Planner, SWCA Environmental Consultants; Albuquerque, New Mexico (2007–present): Responsible for conducting community meetings, planning documents, NEPA/compliance documents, biological field studies, resource surveys, aquatic surveys, and biological and spatial data collection.

Nature Returns 2007-2008: Strategic planning for the development of a conservation investment group that focuses on delivering viable investment opportunities to program related investors.

U.S. Fish and Wildlife; Albuquerque, New Mexico (2004–2005): Performed Rio Grande silvery minnow recovery and relocation, and species listing. *Role: Assistant Biologist.*

Center for African Resources, Conservation, and Land Use; Kasane, Botswana (2003–2004): Developed a community-based wetland monitoring and assessment framework for southern Africa using the Chobe-Linyanti-Kwando wetland as a model. Conducted faunal inventory, vegetation inventory, and water quality assessment for the Chobe-Linyanti-Kwando wetland. Coordinated regulation development and suggestions, community meetings and workshops, and GIS databases and community planning maps. *Role: Wetlands Specialist/community ecologist*

National Park Service; Santa Fe, New Mexico (2000–2003): Provided technical assistance to communities in the design of open space parks, river corridors (restoration and assessment), trails, and greenways. Organized weekly and monthly community meetings and workshops. Created steering committees for community planning initiatives. Created cultural sensitivity workshops for the National Park Service. Performed grant writing and GIS mapping. *Role: Community Planner.*

ICONS Consulting; Santa Fe, New Mexico (1999–2000): Coordinated wetlands inventory (flora and fauna) for the Rio Grande; rapid river assessment; long-term river assessment of the Rio Grande at San Juan Pueblo; Rio Grande wetland restoration at San Juan Pueblo; and vegetation maps for the U.S. Forest Service. *Role: Technical Assistant/Planner.*

Sogoma Landscapes; Santa Fe, New Mexico (1993–1999): Performed native landscaping and restoration; landscape design, installation, and maintenance; and management of several employees and job bidding. *Role: Owner and Manager.*

Contract Work and Management Plans

- Malawi Corridor Initiative development for Global Conservation Assistance and WWF (2008-2009)
- Global Strategy for the World Wildlife Fund's One Europe More Nature Program (2008)
- Arroyo Hondo Open Space Management Plan for The Santa Fe Conservation Trust (2006)
- South Meadows Open Space Management Plan for the County of Santa Fe (2005–2006)
- Preliminary Needs Assessment for the U.S. Department of the Interior Technical Assistance to USAID Community Based Conservation Projects in Southern Africa (2003)
- Project Development with Conservation International and Technical Assistance to the Khwai Community, Okavango Delta, Botswana (2002)
- Project Development, Conservation International, Botswana (2000–2002)
- Developed a wetland monitoring and assessment framework for southern Africa using the Chobe-Linyanti-Kwando wetland (Botswana) as a model. Conducted a faunal inventory for the Chobe-Linyanti-Kwando wetland. Conducted a vegetation inventory for the Chobe-Linyanti-Kwando wetland, and a water quality assessment for the Chobe-Linyanti-Kwando wetland. Created a GIS database and land-use planning maps.
- Herbivore movement and assemblage patterns along the Chobe Linyanti Wetland
- Wildlife Management Plan for the Chobe Enclave, Botswana
- Designed cultural sensitivity workshops for the US National Park Service.
- Zuni trails management plan,
- Co-developed the Santa Fe County Open-space Stewardship Training Course,
- Co-developed the Youth Advisory Council to NPS,

- Provided technical assistance for the creation of the Cerrillos Hills Historic Park (from start to finish) and GIS maps.
- Developed a fire management plan, environmental assessment and maps for Ft. Union National Monument (2003),
- Wrote the environmental assessment for Pecos National Monument's Wildlands-Urban-Interface Fire Management Plan (2002), which included a wetlands assessment and inventory for the Pecos River and GIS maps.

Recent Project Experience

Galisteo Wetland Restoration Program 2009-present (three sites) wetland restoration manual, project management, community and stakeholder involvement and meeting facilitation, compliance, wetland delineations, biological assessment, vegetation monitoring, threatened and endangered species monitoring, and data analysis.

Santa Fe County Wetland Restoration Program 2009-present (three sites): project management, community and stakeholder involvement and meeting facilitation, compliance, wetland delineations, biological assessment, vegetation monitoring, threatened and endangered species monitoring, and data analysis.

River Ecosystem Restoration Projects 2009-present (Galisteo Basin 3 sites; Santa Fe County 3 sites): project management, community and stakeholder involvement and meeting facilitation, project design, compliance, wetland delineations, biological assessment, vegetation monitoring, threatened and endangered species monitoring, and data analysis.

Partners With Wildlife Habitat Improvement Grant 2009- present: project/grant management, organize private land owner, community forum on wildlife drinkers and access to water, re-vegetation and habitat improvement, improvement of drinkers for safe use by wildlife, training and work with EWI youth crew.

Santo Domingo CFRP & multijurisdictional CFRP 2009-present: project management, project design, community and stakeholder involvement and meeting facilitation, compliance, wetland delineations, biological assessment, vegetation monitoring, threatened and endangered species monitoring, and data analysis.

City of Santa Fe Adopt-an-Arroyo Program & City Storm Water Program 2009-present: project management, project design, community and stakeholder involvement and meeting facilitation, compliance, vegetation monitoring, data analysis, management of youth crew, development of community stewardship groups.

Santa Fe River Canyon Restoration CFRP NEPA 2009-present: Community comments and input, public scoping meetings, public comment meetings, management of public comments and notices.

Pritzlaff Ranch Program and Strategic Development 2009-present: Strategic planning

Laguna Habitat Restoration; New Mexico (2008): Community outreach with ranchers, schools and community groups, and proposal writing. Performed planning, baseline monitoring and assessment, wetland delineation, and threatened and endangered species monitoring. Conducted compliance

documentation (biological assessment, environmental assessment, and wetland report). *Role: Environmental Specialist. Client: Pueblo of Laguna.*

Estancia Basin Watershed Monitoring; New Mexico (2008–ongoing): Conducted bird counts and vegetation monitoring. *Role: Environmental Specialist. Client: Claunch-Pinto Soil and Water Conservation District.*

Isleta Reach Habitat Restoration Project: Planning and Compliance, Part 2; New Mexico (2008–ongoing): Conducted wetland delineation and threatened and endangered species monitoring. *Role: Environmental Specialist. Client: New Mexico Interstate Stream Commission.*

Carracas Pipeline Loop Monitoring; New Mexico (2008): Conducted threatened and endangered species goshawk survey. *Role: Environmental Specialist. Client: Energen Resources.*

Albuquerque Reach Vegetation and Geomorphic Monitoring; New Mexico (2008): Conducted wetland delineation, vegetation monitoring, and mesohabitat monitoring. *Role: Environmental Specialist. Client: New Mexico Interstate Stream Commission.*

Atrisco Clean Water Act Permitting; New Mexico (2008): Conducted wetland delineation and vegetation monitoring. *Role: Environmental Specialist. Client: New Mexico Interstate Stream Commission.*

Isleta Reach Compliance and Planning; New Mexico (2008): Conducted wetland delineation and biological assessment. *Role: Environmental Specialist. Client: New Mexico Interstate Stream Commission.*

Santa Fe County Community Wildfire Protection Plan; New Mexico (2008): Coordinated initial planning meeting. *Role: Environmental Specialist. Client: County of Santa Fe.*

Middle Rio Grande Habitat Restoration Egg Drift and Monitoring; New Mexico (2007): Conducted egg drift monitoring. *Role: Biologist. Client: New Mexico Interstate Stream Commission.*

Habitat Restoration Nursery Studies; New Mexico (2007): Conducted mesohabitat monitoring. *Role: Environmental Specialist. Client: New Mexico Interstate Stream Commission.*

Boys Pond Aquatic Management Plan; New Mexico (2007): Conducted wetland delineation, baseline monitoring, biological assessment, and restoration plan. *Role: Environmental Specialist. Client: Middle Rio Grande Conservancy District.*

Lines 1300 and 1301 Recoat Project; New Mexico (2007): Conducted biological assessment, wetland delineation, and threatened and endangered species identification. *Role: Environmental Specialist. Client: El Paso Corporation.*

Middle Rio Grande Phase I Environmental Monitoring; New Mexico (2007): Conducted wetland delineation. *Role: Biologist. Client: New Mexico Interstate Stream Commission.*

Nursery Habitat 2007; New Mexico (2007): Conducted wetland delineation and

Professional Affiliations / Committees

- Global Conservation Assistance (President/CEO)
- Children and Nature Network (Member/Natural Leader Fellow)
- Diverse Partners for Environmental Progress (member)

- IUCN World Conservation Congress (member)
- Wetlands International (member)
- Society for Conservation Biology (member)

Awards / Honors

- Center for Whole Communities, Whole Thinking Fellow, 2009
 - For: Exploring methods for working with diverse communities
- Kinship Conservation Fellow, 2007
 - For: Market-based approaches to conservation
- Ford Foundation Diversity Fellow (Honorable Mention), 2006
 - For: diversity in conservation
- Fulbright Scholar, 2003-2004
 - To: Research wildlife movement and assemblage patterns along the Chobe-Linyanti Zambezi Wetland with local communities; Kasane, Botswana
- Presidential Academic Achievement Award (College of Santa Fe), 2000
 - For Math and Science
- University of New Mexico Research and Professional Training Grant, 2002
 - Wildlife Movement and assemblage patterns, Botswana
- College of Santa Fe Research Grant 1999–2000
 - Community-based natural resource management with Conservation International and Basarwa/Bushmen communities; Okavango Delta, Botswana