

Profile

Dan Hack, *senior project manager, GIS specialist*

Mr. Hack has 13 years of extensive experience in environmental permitting, planning, and project management. His expertise is highly diverse, involving environmental planning and project permitting, aquatic and terrestrial ecological surveys, endangered species surveys, preparation of Environmental Impact Reports (EIRs) and Environmental Impact Statements (EISs) under CEQA and NEPA, preparation of Biological Assessments and Environmental Assessments (EAs), environmental oversight/monitoring of construction projects, state and federal Endangered Species Act (ESA) consultations, and wetland delineation and permitting. He is highly experienced in providing services to both the private and public sectors.

Mr. Hack is highly experienced in planning, permitting, and monitoring construction projects. These projects have taken place throughout the western United States, especially in California. He has managed and prepared environmental documents required to satisfy federal, state, and local agencies. He has consulted and successfully negotiated with a variety of agencies, including the U.S. Army Corps of Engineers (USACE), U.S. Fish and Wildlife Service (USFWS), National Marine Fisheries Service (NMFS), California Department of Fish and Game (CDFG), California State Lands Commission (SLC), and the California Public Utilities Commission (CPUC).

Fields of Competence

- Environmental permitting
- NEPA and CEQA compliance, environmental assessments, and environmental impact reports/statements
- Wetland and stream course delineation, permitting, and mitigation
- Section 7 consultations under the Federal and State equivalent ESAs
- Botanical and wildlife field surveys
- Biological, habitat, and environmental assessments
- Habitat evaluations
- Regulatory and resource agency consultations and negotiations
- Environmental oversight and monitoring of construction projects
- Environmental training of project personnel
- Mitigation and monitoring plans
- GIS Analysis, Management, and Graphics
- Project management

Education

B.S., Biology, University of Colorado, Boulder, and the George Washington University, Washington D.C., 1997

Synthesis Environmental
Planning

6 Carmen Court
Novato, CA 94945
www.synthesisplanning.com

415 209-6421 *phone*
415 328-7923 *mobile*
775 860-0659 *fax*
info@synthesisplanning.com

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SELECTED EXPERIENCE



Biological Compliance and Desert Tortoise Monitor, Blythe, California (February 2009 - February 2010, Applied Biological Consulting, Port Angeles, Washington).

Performed environmental compliance and desert tortoise monitoring during the construction of a 67-mile long 230 KV transmission line and associated substations through the Mojave Desert. Conducted preconstruction and clearance surveys for desert tortoise, Mojave fringe-toed lizard, nesting raptors and other migratory bird species (including burrowing owl), and special status flora. Relocated Mojave Desert tortoise under the supervision of approved tortoise handlers. Trained and advised work crews regarding permit regulations and environmental considerations.

Senior Project Manager/GIS Specialist, Various Projects/Locations, California (September 2007 – Present)

Robert A. Booher Consulting, Fairfield, California. Managed numerous multi-phase projects, with tasks including report writing, permitting, project proposals, GIS analysis and development, map and database production, biological surveys and monitoring, and staff supervision. Trained and advised work crews regarding environmental considerations.

Biological Surveys, Mojave Desert, California (May 2008), Applied Biological Consulting, Port Angeles, Washington.

Conducted protocol-level desert tortoise surveys on over 640 acres of BLM land for a solar energy generation project.

Environmental Compliance Monitor/Biologist, Kern County, California (September - December 2007), Robert A. Booher Consulting, Fairfield, California.

Conducted multi-species surveys for a 3D seismic survey project. Trained and advised work crews regarding environmental considerations. Sensitive-status species included: San Joaquin kit fox; blunt-nosed leopard lizard; burrowing owl; loggerhead shrike; giant kangaroo rat.

Lead Environmental Compliance Monitor, Owens Lake, California (March – September 2002 – 2007), BioEnvironmental Associates, Fort Collins, Colorado.

Conducted snowy plover surveys and monitoring for LADWP Dust Mitigation Construction Project of water pipelines. Conducted migratory bird and wildlife surveys. Involved in all aspects of threatened species management, including nest and brood location and observations. CDFG-approved to train all personnel and construction crews annually (over 500) regarding environmental issues. Responsible for producing/submitting weekly and monthly reports to California Department of Fish and Game.

Biological Surveys, Mojave Desert, California (April - August 2007), BioEnvironmental Associates, Fort Collins, Colorado.

Conducted protocol-level desert tortoise surveys on over 7,000 acres of BLM land for a solar energy generation project. Compiled extensive species list of all wildlife observed. Authored majority of the Biological Resources Section of the Application for Certification (AFC) for the California Energy Commission (CEQA-equivalent document).

Wetland Delineations, Marin County, California (March 2007), Synthesis Environmental Planning, Novato, California.

Conducted wetland delineations based on Army Corps of Engineers guidelines, and produced subsequent reports.

Lead Environmental Compliance Monitor/Biologist, Humboldt County, CA (October 2006 - January 2007), Robert A. Booher Consulting, Fairfield, California.

Conducted multi-species surveys for a 3D seismic survey project. Trained and advised work crews regarding environmental considerations. Reviewed all applicable permits to determine compliance. Involved in all aspects of sensitive species avoidance and management. Sensitive species included (but not limited to): spotted owl; marbled murrelet; foothill yellow-legged frog; northern red-legged frog; Sonoma tree vole.

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SELECTED EXPERIENCE, CONTINUED

Biologist, Walker Basin, California (Summer 2005), BioEnvironmental Associates, Fort Collins, Colorado.

Conducted wildlife and plant transect surveys on 6400 acres of rugged chaparral/scrub-oak terrain, compiling extensive species lists. Surveyed specifically for federal and state listed species.

Lead Environmental Compliance Monitor/Biologist, Grizzly Island Wetlands Preserve, California (Fall 2002 - 2005), Robert A. Booher Consulting, Fairfield, California.

Conducted multi-species surveys on and around natural gas well pads. Involved in all aspects of sensitive species avoidance and management. Trained and advised work crews regarding environmental considerations. Acted as liaison between work crews and state/local agencies (Fish and Game, etc.), ensuring that permit regulations were adhered to. Performed numerous biological assessments and produced subsequent reports.

Vegetation Surveys, Nelson, New Zealand.

Conducted all-encompassing vegetation surveys and habitat analysis for Network Tasman along their power-line corridor.

Wildlife Biologist, Lynx and Forest Predator Surveys, Montana/Wyoming (2002), USGS Rocky Mountain Research Station, Missoula, Montana.

Conducted surveys in extremely remote areas accessed via snowmobile/snowshoes. Identified various mammals utilizing sightings and track features. Collected and entered data daily on dozens of relevant data/GPS variables. Proficient use of map, compass, and GPS to navigate over hundreds miles of untracked, mountainous terrain.

Crew Leader and Field Biologist, Washington and Oregon (Spring – Fall 1999 – 2001), Hamer Environmental, Mount Vernon, Washington.

Worked on various research projects, including mammal, bird, and mollusk surveys.

Crew Leader, Marbled Murrelet Surveys, Olympic Peninsula, Washington,

Crew leader for 8+ field biologists. Trained crews in use of map and compass for navigating over densely forested terrain. Acted as liaison for Washington Dept. of Natural Resources. Scheduled weekly surveys of field biologists, and ensured all surveys were completed according to Federal and State protocol. Assisted in mapping and documentation of survey sites. Worked long hours and camped solo in remote areas. Lived with a work team for 3+ months in a remote outdoor environment.

Field Biologist, Mollusk Surveys, Hood River, Oregon. |

Identified various terrestrial snails and slugs, including habitat assessment. Recorded data about vegetation and environmental conditions. Located and marked survey stations using topographic maps, aerial photos and a GPS unit/compass.

Crew Leader, Red Tree Vole Surveys, Grants Pass, Oregon.

Conducted transect searches for red tree vole nests (thousands of acres). Hiked on steep terrain in adverse weather conditions. Recorded data regarding vegetation, and habitat assessment. Mapped transects and nests according to Federal and State protocol.

Environmental Inspector/Monitor, San Diego, California to Yuma, Arizona (November 2000 - May 2001), Blanton & Associates, Houston, Texas.

Monitored work of construction crews on fiber-optic pipeline project. Trained for the identification, avoidance, and/or relocation of numerous animal and plant species of concern, including: desert tortoise, burrowing owl, flat-tailed horned lizard, Yuma clapper rail, and arroyo toad. Ensured all employees followed environmental regulations concerning species of concern, clean water act, and spill procedures. Environmental education of crews.

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