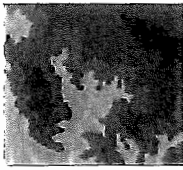


# Mark de la Garza

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## **EDUCATION**

**1998 MESM:** Masters Environmental Science and Management, Ecology Emphasis  
University of California at Santa Barbara (UCSB)

**1987 BA:** Bachelor of Arts Environmental Studies  
University of California at Santa Barbara (UCSB)

## **RECENT PROJECT EXPERIENCE**

### **Biological and Botanical Surveys and CEQA Impact Assessment**

*Biological Assessment Phase 6 Roadway Improvements, Rancho Monte Alegre, Carpinteria, CA (June 2014).* Work on this project included performance of wildlife and botanical surveys, preparation of a biological assessment report, evaluation of project impacts per the California Environmental Quality Act Guidelines, and development of biological mitigation measures. Final reports were submitted to the County of Santa Barbara Planning Development Department.

*Biological Assessment Santa Barbara Museum of Natural History Master Plan Project, 2559 Puesta Del Sol, Santa Barbara, California (February 2014).* Work on this project included performance of wildlife and botanical surveys, preparation of a biological assessment report, evaluation of project impacts per the California Environmental Quality Act Guidelines, development of biological mitigation measures, and preparation of a Draft Habitat Restoration/Open Space Management Plan. Final reports were submitted to the City of Santa Barbara Planning Department.

*Biological Assessment Casa Dorinda Retirement Residence Master Plan Project, 300 Hot Springs Road, Montecito, California (January 2014).* Work on this project included performance of wildlife and botanical surveys, preparation of a biological assessment report, evaluation of project impacts per the California Environmental Quality Act Guidelines, and development of biological mitigation measures. Final reports were submitted to the City of Santa Barbara Planning Department.

### **Wetland Surveys, Delineation and Permitting**

*Wetland Delineation Report for Village at Los Carneros, Tecolotito Creek Bridge Project, Goleta, California (February 2014).* Work on this project included delineation of federal and state regulated wetlands and waters using the methodology prescribed in *the 2008 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region*, preparation of a wetland delineation report that was submitted to the City of Goleta Planning Department, the U.S. Army Corps of Engineers, the Regional Water Quality Control Board, and California Department of Fish and Wildlife. As part of our work

on this project, we also obtained Army Corps of Engineers 404, Regional Water Quality Control Board 401, and California Department of Fish and Wildlife 1602 permits.

*Biological Assessment and Wetland Delineation Report, Slippery Rock Ranch, San Pedro Creek Bridge Replacement Project, Goleta, California (May 2013).* Work on this project included performance of wildlife and botanical surveys, delineation of federal and state regulated wetlands and waters using the methodology prescribed in *the 2008 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region*, and preparation of a biological assessment/wetland delineation report that was submitted to the County of Santa Barbara Planning and Development Department, the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, and National Marine Fisheries Service.

*Target Store Wetland Delineation Study 6466 Hollister Avenue, Goleta California (May 2013).* Work on this project included delineation of federal and state regulated wetlands and waters using the methodology prescribed in *the 2008 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region*, preparation of a wetland delineation report that was submitted to the City of Goleta Planning Department for use in the environmental review process for a proposed new Target Store.

### **Habitat Restoration and Revegetation**

*Habitat Restoration/Enhancement Plan, 8501 Hollister Ave, Santa Barbara, California (May 2014).* Plan describes the methods that will be used to restore/enhance 2.73 acres of coastal sage scrub, 2.55 acres of native grassland, 0.56 acre of eucalyptus woodland habitat. Plan also describes the site preparation, planting pallet, seed mixtures, planting specifications, maintenance activities, monitoring and reporting methods/requirements, long-term and annual goals and objectives, and final success criteria. Restoration/enhancement work is scheduled to begin in the spring of 2015, and monitoring and reporting is scheduled to be completed in 2020. Plan was submitted to County of Santa Barbara Planning and Development Department.

*Habitat Restoration and Revegetation Plan, Lagunitas Mixed Use Development, Carpinteria, California (February 2011).* Plan describes the methods used to restore/enhance 3.08 acres of riparian woodland and 2.5 acre of grassland/dry meadow habitat. Plan also describes the site preparation, planting pallet, seed mixtures, planting specifications, maintenance activities, monitoring and reporting methods/requirements, long-term and annual goals and objectives, and final success criteria. Restoration/enhancement work began in the fall of 2012, and monitoring and reporting is scheduled to be completed in 2017. The plan was submitted to the City of Carpinteria Planning Department, the U.S. Army Corps of Engineers, the Regional Water Quality Control Board, and California Department of Fish and Wildlife, as part of the project Army Corps of Engineers 404, Regional Water Quality Control Board 401, and California Department of Fish and Wildlife 1602 permit applications.

*Riparian Enhancement Plan, Westmont College, Santa Barbara, California (September 2008).* Plan describes the methods used to restore/enhance 7.5 acres of degraded coast live oak riparian woodland habitat. The plan also describes the site preparation, planting pallet, planting specifications, maintenance activities, monitoring and reporting methods/requirements, long-term and annual goals and objectives, and final success criteria. Site preparation and installation of new plant materials was completed in the fall of 2010 and monitoring and reporting is scheduled to be completed in 2015. Plan was submitted to the County of Santa Barbara Planning and Development Department, the U.S. Army Corps of Engineers, the Regional Water Quality Control Board, and California Department of Fish and Wildlife, as part of the project we also obtained Army Corps of Engineers 404,

Regional Water Quality Control Board 401, and California Department of Fish and Wildlife 1602 permits.

### **Open Space Management**

*San Marcos Foothills Preserve Long-Term Open Space Management Plan, Santa Barbara, California (April 2014).* Plan described the environmental resources and trail network on a 210-acre County Park. Work on this project included several public workshop meetings/presentations, field mapping of vegetation and land cover types, and preparation of a long-term open space management plan. The management plan described the park management goals and public and educational guidelines, stewardship action items, adaptive management program, and recommendations for protection, preservation, and management of environmental resources on the park property. The management plan was prepared for the County of Santa Barbara, Community Services Department.

*Draft Habitat Restoration & Open Space Management Plan for Santa Barbara Museum of Natural History, Santa Barbara, California (September 2013).* The plan describes the methods to be used to restore/enhance 7.5 acres of degraded coast live oak riparian woodland habitat on the Museum property. The plan also describes the environmental resources, and assesses the habitat quality and hydrogeomorphic functions and opportunities for improvement. Work on this project included field mapping of vegetation and land cover types, and preparation of a habitat restoration and open space management plan. The management plan described the open space management goals, Museum and public use guidelines, stewardship action items, adaptive management program, and recommendations for protection, preservation, and management of environmental resources in the open space area. The draft habitat restoration and management plan was prepared for the Santa Barbara Museum of Natural History as part of their Master Plan project.

*Casa Dorinda Open Space Management Plan, Montecito, California (2009).* Report submitted to County of Santa Barbara Planning and Development. Management plan provides an annual monitoring schedule and treatment plan for the management of invasive exotic vegetation within the 18.5-acre Casa Dorinda open space area. It also provides a description of current (as of September 2008) vegetation conditions with vegetation maps and prioritizes the management of invasive exotic vegetation based on the feasibility and ultimate benefit to the riparian and oak woodland habitat present in the open space area.

### **PUBLICATIONS**

**De la Garza, M.** 2007. *An Analysis of Policy-Driven Native Grassland Protection in Santa Barbara County, California.* Grassland Journal. California Native Grasslands Association. Woodland California.

**Pyke, C. R.; de la Garza, M.; Bierwagen, B.; Wild, C.; Harris, J.; and Merrick, J.** 2003. *The Long Canyon Vernal Pool Complex of the UC Sedgwick Ranch Reserve.* *Madroño* Vol 50:147–161. California Botanical Society: Berkley, California.

## PROFESSIONAL CERTIFICATIONS/AFFILIATIONS

- California Disadvantaged Business Enterprise No. 38209, since 2010
- Society of Wetland Scientists, since 2006
- National Wetland Science Training Cooperative, Hydrogeomorphic Wetland Assessment Training, 2001
- Wetland Training Institute, ACOE Wetland Delineator 404 Certification Program, 1994
- Wetland Training Institute, Advanced Hydric Soils Wetland Delineation 404 Certification Program, 2006
- Santa Barbara Botanic Garden, since 1992
- California Native Plant Society, since 1990