

ERIK P. MARTIG, CCOM

## Education

BS – Landscape Architecture, Ohio State University, Columbus, OH

## Specialty Certifications

Certified Compost Operations Manager (CCOM) - Compost Research and Education Foundation



## Professional Affiliations

US Composting Council, on professional development committee  
 Association of Compost Producers  
 Solid Waste Association of North America (SWANA)  
 California Organics Recycling Council (CRRA)  
 Northern California Recycling Association

## Professional Experience

Erik Martig is a Project Director with 15 years of environmental experience. He is a Certified Compost Operations Manager (CCOM) responsible for managing the design of composting facilities in the southwest; business development; client service; and project management. He has technical expertise in organics processing technologies and equipment and regulatory aspects of compost siting and development. Erik has toured over 30 compost facilities in the US and Canada; and he helped coordinate and teach the 2016 Compost Operations Training Course by the US Composting Council, held at UC Davis.

A representative sampling of Erik's relevant project experience is provided below.

**New Mexico Department of Agriculture, Healthy Soils Program Compost Study, Las Cruces, NM.** As a Project Manager, Erik managed a multidisciplinary team of staff and subconsultants to research the organic waste stream and the use of compost in the State of New Mexico. Erik conducted research on New Mexico's compost-related laws, registration requirements, and waste discharge permits.

**Tierra Verde Industries, Composting Facility Permitting, Irvine, CA.** As the Project Manager, Erik has worked closely with the client to determine applicable regulatory requirements from various local, state, and federal agencies for a 20-acre compost facility expansion project. Following Erik's review, a set of recommendations were provided to the client for their permitting strategy.

**Los Angeles County Department of Public Works, Commercial and Institutional Recycling Program, Los Angeles, CA.** As a Sr. Technical Advisor, Erik researched and drafted a white paper for the county that reviews organic waste management considerations for Los Angeles County Parks and Recreation properties including on-site composting, contracted waste collection services, self-hauling of organic waste, and other options for diverting organic waste from landfill disposal. This document provides best management practices for organics processing and types of equipment typically used for composting.

**BioFiltro Inc., Regulatory Review for On-Farm Composting, Davis, CA.** As the Project Manager, Erik supported the client in reviewing potential permitting requirements for an on-farm dairy manure composting operation in California's Central Valley. This project culminated in a report for the client containing recommendations on accessing compostable feedstocks, obtaining local and state permits, addressing air permitting issues for large dairies, and conducting additional financial analysis on the composting operation's business model.

**BioFiltro Inc., Financial Pro-Forma for On-Farm Composting Operation, Davis, CA.** As the Project Manager, Erik developed a financial pro forma for the client which examined a range of performance metrics for an on-farm composting operation. The study included a conceptual process flow for the feedstocks and potential compost mix recipes to increase the acceptance of off-farm compostable feedstock. The study resulted in a financial model identifying potential risks to the proposed business model. A set of recommendations focused on the advancement of market research, feedstock sampling and analysis, conceptual process design, and conceptual facility design.

**Sonoma County, Compost Facility Design, Santa Rosa, CA.** As a Sr. Technical Advisor, Erik has researched Federal Aviation Administration regulations on composting facilities near airports, regional water board regulations on stormwater and process water management, and state regulations on siting composting facilities on landfills. Additionally, Erik has served on the design review team for the proposed compost facility layout.

Erik's notable experience before joining SCS is presented below:

**Full Cycle Bioplastics at Google.** As a Project Manager, Erik worked with a team of bioprocess engineers to commission a novel biotechnology process and complimentary in-vessel composting system to produce bioplastics derived from wild-type bacteria. Erik managed a team of engineers and scientists to operate anaerobic and aerobic bioreactors, a Green Mountain Technologies in-vessel composting system, an Engineered Compost Systems biofilter, and numerous lab instruments including high performance liquid chromatography, total organic carbon and nitrogen analyzer, and Fourier transform infrared spectroscopy. Later, Erik oversaw a contracted EPC to prepare designs for a retrofitted brewery for commercial production of bioplastics.

**NYC Compost Project.** As the Project Manager and Operations Development Coordinator, Erik executed the annual work plan of program goals; expanded community partnerships and opportunities; and managed personnel, scheduling, and oversaw team progress. He produced monthly reports, data collection, financial reports, procurement, equipment tracking, and compost and mulch distribution tracking. Erik directed operations at the Queensboro Bridge compost facility. He also researched different options and upgraded their compost operation using a \$400K grant. Erik designed a site layout and operational plan; developed documents for the New York State Department of Environmental Conservation registration and variance; and implemented technology and best management practices to mitigate odor, reduce rainwater runoff, increase capacity, and simplify operations. He coordinated the organics diversion at several public and private events and cultivated relations with community non-profits and composting industry professionals. In addition, Erik managed the design, development, and operation of a vermicomposting bioreactor.

**Conscious Compost.** As a Consultant, Erik met with prospective clients regarding projects and investigated their project needs. He provided solutions/deliverables based on the data he gathered, and performed necessary tasks, including drafting reports, drawings, proposals, and renderings as appropriate. Erik was also involved in projects as the technical advisor to several organizations on composting practices, programs, and systems. He also performed compost facility development research and illustrated concepts for facility designs. Erik supported the RCD in a compost feasibility study focused on identifying locations for an agricultural composting facility that could serve as a hub for the county's coastal farming communities.

**LA Compost.** As the Director of Operations, Erik attended and participated in Food Waste Task Force meetings at LA City Hall and the LA Food Policy Council. Erik also provided education, training, and technical assistance in windrow and aerated static pile (ASP) composting for staff and the public. He worked on projects that involved drafting proposals for the expansion of small-medium scale hubs; compost systems design and construction; upgrading existing hub network infrastructure and developing management framework.