



STATEMENT OF QUALIFICATIONS

Key Personnel

David A. Palange Project Manager

David Palange's professional experience spans seven years in the environmental science and education fields, including greenhouse gas inventory analysis; energy efficiency and sustainability consulting; science communications and education; and ecological research. His educational background has trained him to approach environmental issues from an interdisciplinary perspective that incorporates science, public policy and economics. He has managed projects for county and state government, NGO's, universities, and corporations.

SUMMARY OF PROFESSIONAL EXPERIENCE

ECO₂ASSET SOLUTIONS, LLC *Project Manager* (July 2009 to present)
MARYLAND DEPARTMENT OF NATURAL RESOURCES, *Greenhouse Gas Inventory Analyst*,
(May 2008 to August 2008)
DUKE UNIVERSITY, *Science Communications Course Developer and Teaching Assistant*
(November 2008 to April 2009)
DURHAM COUNTY GOVERNMENT, *Environmental Consultant* (November 2008-April 2009)
BURT'S BEES, *Environmental Consultant* (January 2008 to April 2008)
iCONTACT CORPORATION, *Environmental Consultant* (February 2008 to April 2008)
DUKE UNIVERSITY, *Stream Restoration Lab Research Assistant* (2007-2008)
CESAR CHAVEZ PUBLIC CHARTER SCHOOL, *Science Educator* (2005-2007)
PRETOMA, *Research Coordinator* (July 2004 to May 2005)
PRESCOTT COLLEGE, *Conservation Fellow* (January 2004 to June 2004)

EDUCATIONAL BACKGROUND

Master of Environmental Management, Nicholas School of the Environment, Duke University, Durham,
NC (Graduated May 2009)

Bachelor of Science, General Biology, University of California, San Diego, La Jolla, CA
(Graduated November 2002)

PRESENTATIONS

Greenhouse Gas Management. Presented to the Florida Land Council, Tampa, FL, November 18, 2009.

Municipalities and the Carbon Market. Presented to the City of Clearwater Green Team and Sustainability Coordinators of the City of Dunedin and Oldsmar. Clearwater, FL, October 29, 2009.

Role of Carbon Footprints in Campuses and Communities. Presentation at the 2009 Campus and Community Sustainability Conference. University of South Florida, Tampa, FL, October 8, 2009.

Maryland DNR's Carbon Footprint. Carbon Sequestration on Farm and Forest Lands Symposium, University of Delaware, Newark, DE, October 21, 2008.

PUBLICATIONS

Johnson, Z, Norling, R. and D. Palange. A Carbon Footprint Analysis and Forest Carbon Sequestration Pilot Program: Climate Leadership by the Maryland Department of Natural Resources. *A Sustainable Chesapeake: Better Models for Conservation.* Expected Release in 2010.

The Ripple Effect. Florida Grower Magazine. November 2009.

DETAILED PROFESSIONAL EXPERIENCE

Greenhouse Gas Inventory, Carbon Sequestration, and Carbon Offset Experience

- Project manager of Energy Efficiency and Conservation Strategy for Pinellas County. The strategy includes an energy efficiency and conservation strategy, monitoring and reporting for EECBG activities, a baseline greenhouse gas inventory for government operations, a carbon offset evaluation of county parks and preserves, and a greenhouse gas mitigation strategy. Mr. Palange is leading a team made up of EcoAsset Solutions, the University of Florida, and Golder Associates.
- The Maryland Climate Change Commission assigned the Maryland Department of Natural Resources (MDNR) the task of conducting a greenhouse gas inventory for the agency. As the greenhouse gas analyst, he led the study of MDNR's baseline greenhouse gas emissions and authored a final report for departmental use to reduce their carbon footprint. He performed sensitivity analysis for six emission reduction strategies and identified potential offset opportunities. In the process, he designed a user-friendly emissions calculator that could be shared across other Maryland state agencies.

Educational Experience

- Co-developed a "Webinar" to provide stakeholder education regarding national climate change policy. The webinar was designed to reach community audiences that include government, corporations, and private landowners. In addition to providing a summary of extensive climate policy being proposed in the United States, the interactive webinar includes both risk and opportunity implications for stakeholders and action steps to follow.

- Designed 10-week graduate level seminar at Duke University on communicating science to the media, policymakers and business. He collaborated with ten faculty and staff with diverse backgrounds to teach students the mechanics of writing news releases, blog posts, and policy memos.
- Developed and taught curriculum for a Washington DC public charter school's first Earth and Environmental Science course. He partnered with local environmental groups to organize guest lectures, field trips and environmental fair. Secured \$3500 DC Department of Environment watershed grant to build a schoolyard habitat.
- As the coordinator for a sea turtle research project in Costa Rica, he developed educational tours for visitors to the research camp.

Environmental Consulting Experience

- For the Durham County Sustainability Office, he compiled and analyzed data for ten environmental quality indicators spanning air quality, water quality, transportation, land use, solid waste, and ecology. Created graphical representations and written summaries of trends for use in the City of Durham's Results-Based Accountability report.
- Conducted an environmental cost-benefit analysis of high bay lighting systems for Burt's Bees factory warehouse. Quantified annual savings of \$15,000 in energy costs with higher efficiency lighting system.
- Advised Chief Executive Officer of iContact Corporation on sustainable business strategy. Produced business plan outlining strategies for green purchasing, setting sustainability benchmarks, and integrating environmental sustainability into company's core value structure.