Lori A. Forsman

LEED Green Associate
Smart Cities Certified Practitioner

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Personal Profile

I am an experienced professional with 8+ years working sustainability initiatives here for Orange County. From my previous career, I have 11 years of project management experience including systems design and integration along with 5 years of data analysis and database management experience. I am happy to be pursuing my passion to make the world a better place for everyone by utilizing my strong skills in project management, leadership, communication and organization to inspire change among governments, schools, businesses, and individuals.

Educational Summary

Bachelor of Science	Applied Mathematics	Indiana University of Pennsylvania in Indiana, PA	1982-1986
Master of Science	Environmental Engineering	Johns Hopkins University, Whiting School of Engineering, Baltimore, MD	1995-1998

Key Accomplishments

- Appointed to Mayor's Executive Leadership Training Cohort 2024
- Capturing energy usage for Orange County buildings for the DOE Better Buildings Challenge - ongoing
- ECFRPC Regional Resilience Collaborative GHG Technical Advisory Committee Co-Chair - 2023
- Southeast Sustainability Directors Network (SSDN) Steering Committee Member 2022-2024
- Lead for Sustainability & Resilience Input to Vision 2050 Comprehensive Plan/Orange Code Zoning updates
- LEED for Cities and Communities GOLD certification 2022
- FDACS Orange Climate Efficiency Program (OCEP) grant management, writing two reports on energy analysis
- Residential Backyard Chicken Keeping Ordinance, August 2021
- Lead and manage the Orange County Sustainability Advisory Board – since 2015
- ECFRPC Regional Resilience Collaborative (R2C) – R2C Steering Committee, Regional GHG Inventory 2021, HARP Project Lead 2022, Resilience Action Plan 2021, SDG Dashboard Development 2021-2022
- Solar Energy Loan Fund (SELF) Program Management FY21, FY22, FY23
- Single Use Products Administrative Regulation, February 2020
- Sustainable Operations & Resilience Action Plan, December 2020
- New Sustainability Webpages (www.ocfl.net/sustainability) – with links to on-line reporting, metrics monitoring, and resident resources 2017, 2021
- NPPR Multimedia Award for Don't Pitch It, Fix It! Project video campaign - 2019
- Collaborative support for U.S. Department of Energy Orange County SolSmart GOLD award - 2018
- OCPS Green Schools Program Judge for 3 years 2019, 2020, 2021, 2022

Certifications

- LEED Green Associate – 2019
- Smart Cities Certified Practitioner – 2021

Recent Speaking Engagements

- UCF Public Administration Research Conference 2024 – 'Practices that Influence Resiliency"
- ECFRPC Council Meeting – Housing and Resilience Project Checklist Feedback – May 2022
- LEED for Cities & Communities GOLD Certification Event – April 2022
- EVs & Infrastructure – Panel Moderator – UCF College of Engineering & Computer Science – March 2022
- World Teach-In for Climate Change – UCF – March 2022
- ECFRPC R2C Audubon GHG Inventory YouTube video on GHG emissions - 2021

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Experience Summary

***Sustainability Program Manager* – Orange County Government –** November 2015 - current

- Manage new Sustainability Metrics Coordinator,
- Managed two new members of the Sustainability Team and support Team task management.
- Managed a grant from Florida Department of Agriculture and Consumer Services (FDACS) to implement energy efficiency for low income residents already eligible for our Senior Climate Efficiency Program (SCEP).
- Lead for the creation of a county-wide energy burden analysis as part of a Healthy Homes Project.
- Manage the Orange County Solar Energy Loan Fund (SELF) program to provide home improvement financing and contractor support to low income, employed residents.
- Lead for the Orange County LEED for Cities and Communities GOLD Certification; gathering data, writing credit submittals, baselining prerequisite data, and generating the Department Final Report.
- Lead for the ordinance to amend Orange County Code with the Residential Backyard Chicken Keeping Program.
- Lead for the development and approval of the Orange County Single Use Products Administrative Regulation 9.01.03.
- Lead the County Project Team to provide Side-by-Side Recycling Bins with Standard Signage through County Facilities.
- Lead for integrating Sustainability and Resilience strategies into the Vision 2050 Comprehensive Plan.
- Member of the East Central Florida Regional Planning Council (ECFRPC) Regional Resilience Collaborative Steering Committee, the Regional GHG Inventory Technical Advisory Committee (TAC), and the Equity TAC.
- Member of the Florida and the Southeast Sustainability Directors Networks (FSDN & SSDN) to collaborate and share best practices among sustainability professionals.
- Co-lead on the development of the Sustainable Operations & Resilience Action Plan (SORAP) for Orange County Government Operations approved by the Board of County Commissioners (BCC) in January 2021.
- Co-lead for the Mayor's External Working Group convening experts from the community to assist with goal setting and action development for the SORAP.
- Lead for Orange County Government and Community GHG Inventories including Forecasting & Planning Analysis for 2030 using ICLEI's ClearPath tool.
- Collaborator on the County's Climate Action Planning strategy, draft Climate Resolution, and Florida Public Service Commission letters to support energy programs.
- Manager of two student Climate Fellows completing GHG inventories following Government and U.S Protocols.
- Manager of two student sustainability interns; projects included SORAP workshops, materials for Single Use Products Policy, sustainability webpage content, and metrics alignment across LEED, Our Home for Life Sustainability Plan, Central Florida Foundation THRIVE Initiative, and UN Sustainable Development Goals.
- Lead for the collection and analysis of **all** sustainability target metrics for the SORAP and the Our Home for Life Orange County Sustainability Plan.
- Lead for the content creation of multiple Sustainability webpages providing transparent data and progress for all County sustainability efforts as well as resources for residents and businesses.
- Participate in multiple regional initiatives including Beyond 34/Waste, Good Food Central Florida Food Policy Council, and ECFRPC Regional Resilience Collaborative.
- Educate about sustainability initiatives through presentation materials and tools for employees (Orange County 101) and residents (Citizen Planner Academy).

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- Prepare executive level communications to include letters, talking points, presentations, briefing sheets, written summaries, flyers, and Annual Sustainability Reports.
- Track and evaluate legislation related to sustainability and climate policies.
- Participant in five (5) ICLEI Cohorts including; GHG Inventories, Climate Action Plans, Forecasting & Planning, Forestry, and UN Sustainable Development Goal (SDG) Alignment.
- Created internal campaigns for SunRail Try the Train, DTO Mobility Week, Earth Hour, and Daylight Hour.

***Senior Staff Systems Engineer* - Lockheed Martin Corporation -** Reston, VA - November 1990 – March 2000

- **Engineering Project Lead and Lead System Integrator** on multiple projects to upgrade and unify customer computer systems and databases. Project management tasks included user and system requirements development, technical analysis, scheduling, budget planning, status evaluations, system and software integration, test, operational deployment, and configuration management.
- **Team Lead** for a simulation project providing systems engineering expertise and representation on Engineering Review Boards, Requirements Walkthrough teams, Build strategy sessions, Cost & Schedule Boards, and Risk Management Teams.
- **Proposal Manager** for a winning competitive proposal for Systems Integration/On-site Client Support.
- **Modeling & Simulation Analyst** evaluating performance requirements and design alternatives for complex, multi-platform hardware and software systems.
- **Clearance Information:** Previous TS/SCI with a Lifestyle polygraph.
- **Special Recognitions:** System Integration Peer Recognition Award 1995, Six (6) Customer awards for System Performance Analysis, Special Task Leadership, Project Lifecycle Management, Requirements Development, O&M Activities and General Engineering Support.

***Analyst Manager I* - Synergy, Inc. -** NW Washington, DC - March 1987 – November 1990

- Analyzed data, prepared presentations, and investigated design problems and improvements for an operational defense system at an on-site customer facility serving the Department of Defense.

Technical Skills

Proficient in all Microsoft Office tools, including Project.
Experienced with internet tools including ***Monday.com*** for task tracking and ***Canva*** for communications.
Skilled in social media content creation for all platforms.