

Jennifer A. Lentz, Ph.D., LEED Green Associate, EcoDistricts AP

Accomplished Professional Dedicated to Creating Climate Resilient Communities and Ecosystems

CONTACT INFO

✉ Jenny@CCAir.org
☎
🏠 660 S Figueroa Street, Suite #1140
Los Angeles, CA 90017
🌐 <http://www.JenniferALentz.info>
🌐 [linkedin.com/in/Jennifer-A-Lentz](https://www.linkedin.com/in/Jennifer-A-Lentz)

AREAS OF EXPERTISE

Air Quality Monitoring Programs
Resilience and Sustainability Strategies
Climate Change Impacts
Communicating Scientific Information
Community Outreach
Green Building Practices and Principles
Citizen/Community Science Programs
Environmental Ecology
Oceanography and Coastal Sciences
Spatial Epidemiology

ADDITIONAL INTERESTS

Energy Efficiency and Climate-Proofing
Stormwater Management
Improving Air Quality
Water Conservation
Urban and Community Planning
Equity and Environmental Justice
Reducing Urban Heat Island Effect
Transportation & Mass Transit
Emergency Preparedness
Home & Building Improvements

KEY SKILLS

Critical Thinking and Problem-Solving
Editing and Attention to Detail
Organization and Strategic Planning
Reports and Presentations
Research and Data Analysis
Collaboration and Team Work
Staff Training and Development
Leadership

PROFESSIONAL EXPERIENCE

Program Manager (2020 – Present)

Coalition for Clean Air (CCA), Los Angeles, CA

Manage CCA's Community Learning Enhances Air Resources (CLEAR) programs which aims to make the invisible visible, giving us the power to know what is in the air we breathe and empower our communities to take action to reduce their exposure to unhealthy air.

Education Coordinator – for Climate Resilience & Community Science Programs (2015 – 2020)

Aquarium of the Pacific (AOP), Long Beach, CA

Managed their Climate Resilient Outreach Program, Community (Citizen) Science Programs, and organized several annual events (including their annual Citizen Science for Conservation in Southern California Symposium, Reuse-A-Palooza event, 2-day Earth Day Festival and E-Waste drives). Developed static and interactive educational materials that use GIS to connect people to science. Online examples of this work include the Aquarium's award-winning story maps. One of the lead authors of the City of Long Beach Climate Resiliency Assessment Report commissioned by Mayor Garcia during his 2015 State of the City address.

Education Specialist (2013 – 2015) and Marine Science Fellow (Apr. – Sept. 2013)

Aquarium of the Pacific, Long Beach, CA

Taught K-12 classroom programs, interpreted with guests, performed informational "shows" at various exhibits, trained staff on doing shows, and developed exhibit content.

GIS Facilitator (2010 – 2012)

Louisiana State University (LSU), Baton Rouge, LA

Created an interactive, map-based website linked to a geospatial database for all of LSU's School of the Coast and Environment's research, & produced figures for publication.

Communications and Development Intern (2002 – 2005)

Hamilton College, Clinton, NY

Assisted development officers in preparing for cultivation and solicitation visits

CERTIFICATIONS AND TRAININGS

EcoDistricts Accredited Professional (December 29, 2019)

This credential demonstrates a commitment to sustainable, equitable neighborhoods that meet the EcoDistricts Certified standard for urban and community development that puts equity, resilience, and climate protection at the center of all decisions

Climate Change Communication, Science, & Action (October 15, 2019)

6-week course offered by the Cornell University Civic Ecology Lab and the Cornell Institute for Climate Smart Solutions (CICSS) and accredited by edX Edge and CornellX

U.S. Public Policy: Social, Economic, & Foreign Policies (August 19, 2019)

6-week course on "the driving forces & persistent tendencies of American politics." Accredited by edX at HarvardX, an online learning initiative of Harvard University

International Climate Change Law & Policy (August 16, 2019)

4-week course on "how to critically access Environmental Economics theory and its application to climate change policy." Accredited by edX and the University of Newcastle

Harwood Public Innovators Virtual Lab (4/01-5/23, 2019)

8-week interactive training on learning what it takes to "Turn Outward" – to use the community, not your conference room, as your reference point for choices and action.

Ecodesign for Cities and Suburbs (May, 2019)

6-week interactive online course on "how ecology can guide urban design to avert environmental disasters and improve people's lives." Accredited through edX and the University of British Columbia.

Climate Reality Leadership Corps (3/14-16, 2019)

Accepted into the *Climate Reality's* 3-day leadership training led by world-renowned scientists and communicators focused on inspiring solutions-based communications.

LEED® Green Associate™ (12/2018 – 12/2020)

Green Business Certification Inc. certifies that the individual has demonstrated knowledge and understanding of green building practices and principles needed to support the use of the LEED® green building program.

Management Development Program – Performance Certificate (2016)

10-week training course by Paul G. Allman, President of *Profession Training Services*

PROFESSIONAL AFFILIATIONS

APPOINTED POSITIONS

Association of Energy Engineers (AEE SoCal)
Board of Directors (November, 2019)
Sustainability Committee Co-Chair (July, 2019)

National Adaptation Forum (2021 NAF)
Equity & Climate Justice Working Group

Significant Ecological Areas Technical Advisory Committee (SEATAC) for LA County. Appointed to a 3yr term (Feb 2019 – 2022)

Sigma Xi, Inducted by Hamilton College's Chapter

GENERAL MEMBERSHIPS

American Society of Adaptation Professionals (ASAP)

Association of Women in Water, Energy, & Environment (AWWEE)

California Water Environment Association (CWEA)

EcoDistricts

LA Regional Collaborative (LARC) for Climate Action & Sustainability

US Green Building Council (USGBC) – LA Area Chapter & Long Beach Branch,
Member & Volunteer

SERVICE

USGBC-LA Legacy Project, *Volunteer 2019*

IDigLB Tree Planting, *Volunteer 2017-2018*

Science Fair, *Judge 2006 – 2017*

Ropes Course, *Facilitator 2000 – 2011*

TECHNICAL SKILLS

GIS and Spatial Analysis

Proficient at *ArcGIS 9-10x* and *ArcGIS Online*
Familiar with *ArcView 3x* and *ArcGIS Pro*
Proficient at *Google Earth* and familiar with *Google APIs*

Graphic Design

Proficient at *Adobe Photoshop*

Software Platforms

Microsoft Office Suite

↳ Expert at *Word* and *PowerPoint*

↳ Highly-Proficient at *Excel* and *Outlook*

↳ Proficient at *Access*, *Publisher*, *SharePoint*

Proficient with online storage platforms, collaborative project boards like *Trello*, communications platforms like

Mailchimp,

citation softwares like *Endnote*, and various social media platforms

Web Design

Proficient at web design and some coding

HONORS AND AWARDS

ESRI's "Special Achievement in GIS (SAG) Award" (2015)

"This award is given to user sites around the world to recognize outstanding work with GIS technology. Your organization stood out from more than 100,000 others." - *ESRI* Award letter

ESRI's Story Map Award (2016 and 2014)

Southern California Steelhead Story Map received 1st Place at *ESRI's* 2014 Ocean GIS Forum and 3rd Place at *ESRI's* 2016 User Conference

CEGO Leadership and Service Award (2010 – 2011)

For "outstanding leadership, initiative, and dedication in service to CEGO"

Tom W. Dutton Service Award (2010 – 2011)

"For outstanding service to the University community through participation and leadership in community service activities while attending LSU." – Award Letter

Embassy of the Federal Republic of Germany's Certificate of Appreciation (2010)

"For outstanding contribution to the Transatlantic Climate Bridge initiative and dedication to raising awareness about energy conservation and protecting our planet on LSU's campus"

INVITED PRESENTATIONS

Lentz JA (2020) Creating a Climate Resilient California using Nature-based Solutions (Keynote). California Garden Club, Inc (CGCI)'s 2020 Winter Board Meeting on February 4, 2020, in Long Beach, CA. National Garden Club (NGC) Tri-Refresher credit available to presentation attendees.

Lentz JA (2020) Sustainability & Resilience at the Aquarium of the Pacific (Keynote). California Water Environment Association (CWEA)'s 47th Annual Pretreatment, Pollution Prevention, & Stormwater (P3S) Conference, on January 28, 2020 in Long Beach, CA. Attendees earned 1 CWEA Contact Hour for attending this presentation.

Lentz JA (2019) Creating a Climate Resilient Long Beach. Invited presentation and panelist at the Ocean Resiliency Gala – A Call to Action event, on November 12, 2019 in Long Beach, CA.

Lentz JA (2019) One of three local experts invited to panelists for the post-film discussion following the screening of "The Human Element." A Breathe LA California Clean Air Day event, held at the Laemmle Monica Film Center, on October 3, 2019 in Santa Monica, CA.

Lentz JA (2019) Sustainability & Resilience at the Aquarium of the Pacific. Energy Coalition's "Resiliency & Energy for Public Agencies" event on August 29, 2019 in Long Beach, CA.

Lentz JA (2019) Urban Growth and Building for People. Panel Discussion, as part of the First Annual Long Beach Architecture Week. Studio One Eleven, Long Beach, CA. June 5, 2019.

Lentz JA (2019) Aquarium of the Pacific's Climate Resilience Work. Presentation requested by and for the Long Beach Sustainable City Commission. May 23, 2019.

Lentz JA (2019) Climate Impacts in Long Beach. Climate Solutions for Long Beach. Presentations and Panel Discussion at the Extreme Heat in Long Beach, Staying Safe & Solving Climate Change, City of Long Beach CAAP Event. March 30, 2019.

Lentz JA (2018) Current & Future Climate Impacts for the City of Long Beach. CSULB's Climathon, on October 26, 2018, in Long Beach, CA. Also served as a Judge for the project competition.

Lentz JA (2018) Current & Future Climate Impacts for the City of Long Beach. California State University Long Beach (CSULB)'s 2018 Resilience Charrette, on March 2, 2018.

Lentz, JA (2016) One of five professionals invited to speak at CSULB's Green Careers Panel.

Lentz JA (2015) Coral Health – Understanding the Animal, Ecosystem, and Stressors from a Spatial Point of View. American Cetacean Society's Orange County Chapter (ACS-OC).

EDUCATION

Ph.D. from Louisiana State University, in Baton Rouge, LA (2005 – 2012)

Major: Department of Oceanography and Coastal Sciences

Minor: Department of Geography and Anthropology (with a GIS concentration)

Developing A Geospatial Protocol For Coral Epizootiology. LSU Doctoral Dissertation. 321 pp. Board of Regents Graduate Fellowship (2005-2009)

B.A. from Hamilton College, in Clinton, NY (2001 – 2005)

Major: Interdisciplinary Concentration (in Environmental Science); Minor: Studio Art

Graduated *Cum Laude* with an Interdisciplinary Concentration Honor & Elihu Root Fellowship (\$5,000) Alexander Hamilton 100 Best Writers Award (2002, 2003)