

## EDUCATION

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<b>University of California, Berkeley, CA</b> MS/PhD in Energy & Resources	Aug 2022-Present
<b>Brown University, Providence, RI</b> BSc in Geology-Biology	Sep 2012-May 2016

## HONORS AND AWARDS

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<b>Chancellor's Fellowship</b> , University of California, Berkeley	2022
<b>Spot Recognition</b> , Abt Associates	2018 and 2019
<b>Mellon Mays Undergraduate Fellowship</b> , Brown University	2014-2016
<b>Hollings Undergraduate Scholarship</b> , National Oceanic and Atmospheric Administration	2014-2016
<b>Community Fellow</b> , Swearer Center, Brown University	2014-2015
<b>Sigma Xi: Scientific Research Honor Society</b>	2015-2016

## RESEARCH EXPERIENCE

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<b>Coastal Habitat Research Technician   UNC-CH Institute of Marine Sciences</b> Principal Investigator: Christine Voss	Jan-Nov 2017 Morehead City, NC
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### Ecological Effects of Sea-Level Rise in North Carolina

- Conducted elevation surveys of 10 marsh sites along the North Carolina coast using RTK Trimble, laser level and handheld GPS devices
- Developed digital elevation models of marsh sites in ENVI and ArcGIS which were used to build wave attenuation models
- Deployed and maintained in-situ water level sensors across 10 field sites across coastal North Carolina

### North Carolina King Tides Project

- Developed outreach content (e.g., blog posts, presentations, news/radio stories, lesson plans) for the North Carolina King Tides Project to communicate local flood risk
- Designed and installed water level gauges to provide a more complete record of water level along the North Carolina coast

<b>Mellon Mays Fellow   Brown Department of Earth, Environmental, and Planetary Sciences</b> Advisor: Warren Prell	May 2014-May 2016 Providence, RI
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### Paleoecological Analysis of Diatoms as Indicators for Environmental Change in Narragansett Bay

- Investigated diatom assemblages as indicators of anthropogenically-driven environmental change in Narragansett Bay, specifically focusing on the impact of the industrial revolution on primary productivity in the bay
- Developed a method to clean sediment samples using nitric acid that preserved marine diatoms for microscopic analysis
- Found that indicators of increased anthropogenic activity coincided with changes in diatom assemblages, as both overall diatom abundance and activity decreased after the industrial revolution. I also identified coinciding changes in the ratio of centric to pennate diatoms and species-specific changes

<b>Research Assistant   University of Maryland Environmental Decision Support Lab</b> Principal Investigator: Melissa Kenney	May-Jul 2015 College Park, MD
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### Addressing the State of Adaptation in Estuaries: A Narragansett Bay Case Study

- Identified process indicators for climate change adaptation in Narragansett Bay by analyzing adaptation reporting documents (e.g., reports, policy documents, plans)
- Coded indicators into an Excel database and characterized them by variables such as the action objective, level of action, status of the action, and the motivating anthropogenic stimulus
- Used this database to identify major action and research gaps for adaptive management in the estuary and to serve as a template for assessing the state of adaptation in other estuarine systems

### Research, Development and Implementation of National and Regional Physical, Ecological, and Societal Climate Indicators for the NOAA and the USGCRP National Climate Assessment

## JASMINE H. MCADAMS

jmcadams@berkeley.edu

- Provided administrative and research support to the Indicators Team of the U.S. Global Change Research Program in the development a climate indicator system

### Research Assistant | University of Florida Ecohydrology Lab

Graduate Researcher: Courtney Reijo

Jun–Aug 2013  
Gainesville, FL

#### Assessing Stream Response to Reduced Nitrate Levels

- Assisted a graduate student in an investigation to understand how lotic systems respond to changes in nitrate concentration below ambient levels
- Constructed benthic chambers which were set up in the field to characterize in-stream nitrate utilization

## RELATED PROFESSIONAL EXPERIENCE

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### Environmental Justice and Equity Consultant | Hua Nani Partners

Jul 2022-Present

- Providing technical assistance to state agencies as they develop applications for climate and energy-related federal funding opportunities
- Reviewing state plans for implementation of climate and energy programs
- Supporting organizations intervening in California Public Utility Commission proceedings

Remote

### Senior Program Officer | National Association of Regulatory Utility Commissioners

Aug 2020-Jul 2022

- Support cooperative partnerships between NARUC and the U.S. Department of Energy on Carbon Capture, Utilization and Storage, and Nuclear Energy to educate and develop resources for state public utility commissions (PUCs)
- Manage NARUC's Electric Vehicles State Working Group by developing reports and organizing monthly webinars
- Plan an Energy Justice Roundtable with members from PUCs, state energy offices, and governors' offices
- Provide administrative and logistical support to NARUC Committees on Electricity, Gas, Energy Resources and the Environment, and Regulatory and Industry Diversity
- Coordinate external communications for NARUC's Center for Partnerships & Innovation, including social media content, newsletters, and web design
- Authored several reports on stakeholder engagement, retirements of coal-fired power plants, and electric vehicles

Washington, DC

### Associate Analyst | Abt Associates

Nov 2017-Dec 2019

- Analyzed exercise results from the U.S. Environmental Protection Agency (EPA) Office of Emergency Management's (OEM) Response Readiness Evaluation Program and wrote 10 regional reports that summarized response readiness gaps and agency recommendations
- Analyzed response statistics and personnel surveys from OEM's 2017 and 2018 response efforts to hurricane and wildfire disasters, and developed After Action Reports for EPA
- Prepared EPA newsletters about state, local, and tribal energy policy news, webinars, and funding opportunities
- Tracked and programmed state and local clean energy and climate change policies into data visualization dashboards for EPA using Qlik Sense
- Conducted a needs assessment for the National Oceanic and Atmospheric Administration (NOAA) on future water quality and drought decision support tools
- Provided compliance support for EPA's Safer Choice program by managing external communications with companies
- Supported the Agency for Toxic Substances and Disease Registry for the Per- and polyfluoroalkyl substances (PFAS) multi-site research study
- Reviewed and synthesized public comments from EPA's Toxic Substances Control Act rulemaking dockets

Rockville, MD

### Intern | The Ocean Project

Oct 2013-May 2014

- Maintained the partner network with aquariums and zoos around the world
- Developed website and social media outreach communications
- Assisted in the organization of World Oceans Day in 2014

Providence, RI

## SERVICE AND CONSULTATIONS

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Resource Coordinator | Graduate Student Mentorship Initiative, Científico Latino

2023

Student Representative | Diversity Committee, UC Berkeley Energy & Resources Group

2022-2023

Contributing Author | Procedural Justice Working Group, Energy Equity Project, University of Michigan

2021-2022

Member | Energy Equity Research Collaborative, Energy Equity Project, University of Michigan

2021-2022

## JASMINE H. MCADAMS

jmcadams@berkeley.edu

Fellow, Clean Energy Leadership Institute

2021

Reviewer | **Justice in 100 Case Studies**, Initiative for Energy Justice, Northeastern University

2021

### TEACHING AND VOLUNTEER EXPERIENCE

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Student Representative | **ERG Diversity Committee**, University of California, Berkeley

Aug 2022-Present

Mentor | **Real Talk Buddies**, University of California, Berkeley

Sep 2022-Present

Volunteer | **Black in Environment Week**

Jan-Apr 2022

Mentor and Educator | **Outdoor Leadership Environmental Education Program**

Sep 2013-May 2016

Teaching Assistant | **Brown Department of Earth, Environmental, and Planetary Sciences**

Jan-May 2015

### PUBLIC POLICY REPORTS

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#### **Models for Incorporating Equity in Transportation Electrification: Considerations for Public Utility Regulators**

National Association of Regulatory Utility Commissioners, November 2022

#### **Mini Guide on Transportation Electrification: State-Level Roles and Collaboration among Public Utility Commissions, State Energy Offices, and Departments of Transportation**

National Association of Regulatory Utility Commissioners, November 2022

#### **Procedural Equity – Principles, Metrics, Qualitative Approaches and Best Practices**

Energy Equity Project Framework, University of Michigan, August 2022

#### **State Energy Justice Roundtable Series: Energy Justice Metrics**

National Association of Regulatory Utility Commissioners, Summer 2022

#### **The Role of State Utility Regulators in a Just and Reasonable Energy Transition: Examining Regulatory Approaches to the Economic Impacts of Coal Retirements**

National Association of Regulatory Utility Commissioners, September 2021

#### **Public Utility Commission Stakeholder Engagement: A Decision-Making Framework**

National Association of Regulatory Utility Commissioners, January 2021

### PRESENTATIONS

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#### **Building and Equitable Charging Infrastructure** (*Moderator*)

EV Charging West, San Francisco, CA, 2023

#### **Driving IIJA, IRA, and Utility Transportation Electrification Programs in the Direction of Energy Justice**

NARUC Annual Meeting, New Orleans, LA, 2022

#### **Framework for a Just and Reasonable Energy Future: Examining Pathways for Considering Social Equity in Distribution System Planning**

Institute for Operation Research and Management Sciences Annual Meeting, Indianapolis, IN, 2022

#### **Enabling Robust Stakeholder Engagement at Public Utility Commissions**

Innovation Webinar Series, National Association of Regulatory Utility Commissioners, 2021

#### **Paleoecological Analysis of Diatoms as Indicators for Environmental Change in Narragansett Bay, Rhode Island**

Mellon Mays Senior Research Presentations, Brown University, 2016

#### **Addressing the State of Adaptation in Estuaries: A Narragansett Bay Case Study**

Southwest Climate Change Conference, Sacramento, CA, 2015

#### **Addressing the State of Adaptation in Estuaries: A Narragansett Bay Case Study**

NOAA Science and Education Symposium, Silver Spring, MD, 2015

**JASMINE H. MCADAMS**  
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