

Shea Cheatham, M.S., M.A.

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Environmental Science • Sustainable Development • ESG Analysis

An **exceptional problem-solver** with a **diverse skill set** across topics in environmental & climate change research. Research experience in environmental policy & history, environmental ethics, social hydrology, hydrodynamic modeling, and physical oceanography. **Fluent in Spanish.**

Skills

Environmental Ethics - Environmental and Social Governance Analysis - Environmental Policy Analysis
- Climate Change Mitigation & Adaptation Research - Data Analysis - Python - Matlab - SQL - Excel -

Education

Stanford University – M.S., Earth Systems Sciences Aug 2016 – April 2019

Cumulative GPA: 3.87. Relevant coursework: Linear Algebra with Application to Engineering Computations, Environmental Science, Technology, and Sustainability, Global Resource Challenges, Environmental Policy Communications.

Stanford University – M.A., Philosophy. Jan 2018 – April 2019

Cumulative GPA: 3.87. Relevant coursework: Environmental Ethics, Philosophy of Ecology, Philosophy of Biology, Science and Democracy, Social Dimensions of Scientific Knowledge.

Principia College – B.S., Physics, B.S., Philosophy Sept 2011 – May 2015

Cumulative GPA: 3.81

Experience

Environmental and Social Research Analyst (Contract) – ISS Jan 2022 – June 2022

- Perform research on environmental and social issue items to be voted on at annual shareholder meetings of publicly traded companies.
- Analyze information to draft reports and issue proxy vote recommendations based on ISS' policy guidelines.
- Develop an understanding of corporate environmental and social sustainability issues.

Water Justice Lab Director – Region360 July 2020 – Present

- Established and manage Region360's Water Justice Lab.
- Conduct research examining the intersection of climate trends and policy as they apply to vulnerability mitigation in Central America.
- Characterize the effects of water inequity on climate vulnerability in Guatemala.
- Develop research reports, white papers, and analyses centering climate change mitigation strategies.

Visiting Faculty Member – Principia College	Jan 2020 – June 2020
<ul style="list-style-type: none"> • Developed lectures, presentations, and assignments for semester-long courses in Feminist Philosophy, Environmental Ethics, and Film & Philosophy. • Assessed student work in relation to department outcomes. 	
Postgraduate Teaching Intern – Principia College	Aug 2015 – May 2016
<ul style="list-style-type: none"> • Independently developed a 2D atmospheric model in python. • Simulated ‘Hot Jupiter’ atmospheric events, which were later featured on NASA.gov. 	
Marine Physical Lab Intern – Scripps Institution of Oceanography	June 2015 – Aug 2015
<ul style="list-style-type: none"> • Researched the size and composition of sea-spray aerosol particles. • Optimized MATLAB code measuring particle size from images. 	

Refereed Articles

Cheatham, S.; Fernández, R.; Ruiz, C. Securing a National Water Policy in Guatemala: Understanding Barriers and Potential Implementation Strategies through Comparison with the Establishment of Regional Mining Laws. Environ. Sci. Proc. 2022, 15, 64. https://doi.org/10.3390/environsciproc2022015064	Spring 2022
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Presentations

ICSD 2021 Presentation – <i>Toward a Guatemalan National Water Policy: A Comparative Analysis of Barriers and Strategies in Implementing Water and Mining Laws in Central America.</i>	Fall 2021
UCSB Climate Hub Conference Presentation – <i>Water Equity and Climate Justice in Guatemala.</i>	Winter 2020
ISAAPT Spring Meeting Presentation – <i>Polygonal Vortex Modeling.</i>	Spring 2015

Awards & Certificates

IBM – Certificate in Data Analysis with Python	Oct 2021
Stanford University – EDGE-STEM Fellow	Aug 2016
Rock Ethics Institute – Iris Marion Young Diversity Scholar	June 2015
Principia College – Mark Crystal Science Achievement Award	May 2015
Principia College – Priscilla Ellenberg Memorial Award	May 2015
Illinois Section of the AAPT – Student Research Symposium 1 st place Award	April 2015
Principia College – Eileen V. Fitzpatrick Scholarship	May 2014
Principia College – Phillip A. Olsen Jr. Memorial Scholarship	May 2014

