

Dustin S. Braden

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Education

- MS, Geography** 2021-present
University of Delaware, Delaware, USA
- BA, Environmental Studies, Geography** December 2020
Ohio Wesleyan University, Ohio, USA
- Asian Studies Program** August 2019
Kansai Gaidai University, Hirakata, Japan (study abroad program)

Academic Employment

- Citizen Science GIS** 2020
Research Assistant

I worked as part of a National Science Foundation Grant to improve and increase digital communications and online presence in order to share the stories of Belizeans from Hopkins Village as it undergoes changes from increasing tourism and the effects of climate change; analyzed drone imagery of the Mesoamerican Reef collected in Belize and processed eelgrass imagery taken from sites along the U.S. Pacific Coast to monitor the health of marine ecosystems. Continue as a volunteer.

- Ohio Wesleyan University** 2020
StAP Intern

As a student leader in environmental issues, I facilitated sustainability projects on campus and in the community by organizing groups, hosting meetings, and searching for funding. I assisted students in undertaking relevant projects in order to increase the success of such projects and encourage greater and more diverse student participation in environment and sustainability projects.

- Granville Land Lab** 2016-2017
Student Worker

Created and funded a proposal to expand a local "Land Lab" (an educational-focused conservation area) by 35 acres, increased teacher engagement in the project by tying into their core curriculum, and assisted in getting students in the field with professional biologists from the US Fish & Wildlife Service. In this role, I have also led tours and given presentations to community and government leaders such as Tom Melius

(Midwest Regional Director, US Fish and Wildlife Service), Dorothy Pelandra (Director of the Ohio Department of Agriculture), and Former US Representative Patrick Tiberi.

Extracurricular Certifications/Courses

NASA ARSET Remote Sensing of Coastal Ecosystems <i>Course</i>	2020
NASA ARSET Remote Sensing for Mangroves <i>Course</i>	2020
FAA-Certified Drone Pilot (Remote Pilot Certificate) <i>Certification</i>	2020

Research Interests

Environmental geographies; community-based geography; conservation and sustainability; remote sensing; GIS; Asia and Central & South America; sustainable development; food systems; climate change resiliency; environmental and science communication; digital geographies; participatory drone mapping; environmental justice; creative cartographies

Research Tools and Skills

GIS Software: ArcGIS Desktop, ArcGIS Online, Pix4D, Drone2Map (less so: QGIS, Google Earth Engine)

Modeling/Design: Adobe Creative Cloud (Adobe Photoshop, Illustrator, InDesign, etc)

Data Visualization & Communication: Palladio, Pix4DMapper, Esri Story Maps

Audio/Video Editing: Adobe Premiere Pro, WeVideo, Audacity, Adobe Audition

Non-Academic Employment

Friends of the Ottawa National Wildlife Refuge 2018- 2020

Digital Communications Intern

I worked remotely with varied projects to improve digital communications and educational outreach regarding conservation. Projects included video production, photography, search engine optimization, donor management, press releases, and content creation for fundraising appeals, social media, and web content.

Phoenix Environmental LLC 2018- 2020

Marketing Intern

Created a social media plan, assisted with website overhaul, and produced content ranging from press releases to videos for Phoenix Environmental, an environmental consulting company that assists clients in identifying and mitigating contaminants on their property.

Student Conservation Association 2018

Visitor Services Intern

Worked with the US Fish & Wildlife Service at the Ottawa National Wildlife Refuge as a visitor services intern - led and created public tours of the largest contiguous marsh in the western basin of Lake Erie, improved and designed new communications and outreach programs, and hosted public events and camps.

Grants, Awards, and Fellowships

Theory to Practice Grant - Ohio Wesleyan University 2020

“Mapping Perceptions of Risk: Identifying Vulnerability and Building Resilience in Bahía Ballena, Costa Rica” \$8,500 travel grant. Funded.

Ohio Wesleyan University Summer Science Research Program 2019

“Evaluating Urban Sustainability Efforts in Columbus, Ohio” with Dr. Ashley Allen \$4,000 + \$1500 stipend and student housing. Funded.

Libby Reed Geoscience Scholarship 2019-2020

Geoscience scholarship - \$3,000/semester

Arthur & Marian Rudd Scholarship 2017-2020

University scholarship - \$10,820.00/semester

R & G Gauthier Memorial Scholarship 2018-2020

University scholarship - \$2,988.00/semester

Conference Proceedings

Summer Science Research Symposium 2019

“Evaluating Urban Sustainability Efforts in Columbus, OH.” D. Braden (Author, Presenter). Poster presented at Annual Symposium, Delaware, OH September 23, 2019

Association of American Geographers 2019

“Granville Land Lab: A Case Study in Land Use Change for Education and Conservation.” D. Braden (Author, Presenter). Poster presented at Annual Meeting, Washington D.C. April 3-7, 2019

University Service and Leadership Positions

Environment and Wildlife Club President 2017-2020

Ohio Wesleyan University

Sustainability Task Force Meeting Facilitator 2020

Ohio Wesleyan University Chapter

Citizens Climate Lobby Co-Founder 2019

Ohio Wesleyan University Chapter

Public Service

Partners for Fish and Wildlife Program 2016-2018
Volunteer

Regional Ohio Action for Resilience 2017-2020
Volunteer

Affiliations and Memberships

Association of American Geographers

East Lakes Division of the American Association of Geographers

North American Cartographic Information Society

Citizen Science GIS