



UNITED NATIONS
UNIVERSITY

UNU-EHS
Institute for Environment
and Human Security



Rheinische
Friedrich-Wilhelms-
Universität Bonn



Elaine Wendt

M.Sc. – Environmental Science

RESEARCH INTERESTS

- Environmental Degradation Monitoring
- GIS + Remote Sensing / Spatial Analysis
- Natural Hazard Mitigation Research
- ENSO and Tropical cyclone activity
- Changes in coastal climatology
- Climate studies
- Mountain climatology and geomorphology

EDUCATION & TRAINING

Masters of Science

Environmental Risk & Human Security
United Nations University/University of Bonn
Bonn Germany – 2019-2021

Bachelor of Liberal Arts and Sciences

Geography & Environmental Science
University of Colorado, Denver (US)
Magna Cum Laude

Certificate of GIS

University of Colorado, Denver, Colorado (US)
May 2018

Associates of Arts

Lonestar College - Houston, Texas - 2016

Certificate of Personal Training, Yoga Instructor

NETA / AFAA in 2012

AWARDS & SCHOLARSHIPS

William M. Rodgers Scholarship

University of Colorado Denver – 2017

Colorado Merit Award

University of Colorado Denver – 2017

Colorado Merit Award

University of Colorado Denver – 2018

Dean's List Scholarship

University of Colorado Denver - 2017

Academic Athlete Award

University of Colorado Denver – 2017

TECHNICAL SKILLS

Software

ESRI: ArcGIS, ArcMap, ArcScene, QGIS,
basic python, SQL coding, Envi
Microsoft suite, Adobe Suite

Languages

English (native), German (C1), Spanish (B2)

RECOGNITIONS

Dean's List

Recipient

College of Liberal Arts and Sciences (CLAS)

University of Colorado, Denver

Fall 2016

Spring 2017

Summer 2017

Fall 2017

Spring 2018

Gamma Theta Upsilon (GTU)

Member

Geographic Honor Society

Member since Spring 2017

CLAS Advisory Committee

Board Member

University of Colorado

Fall 2017, Spring 2018

Department of Geography & Environmental Sciences Advisory Committee

Board Member

CLAS – University of Colorado, Denver

Spring 2018

CU Denver Geography Club

Secretary & Social Media Manager

University of Colorado, Denver

Spring 2017, Summer 2017, Fall 2017,

Spring 2018

Outstanding Undergraduate Award –

CLAS

Nominee

University of Colorado, Denver,

Spring 2018

MISC.

Volunteer Relief Mapping

Monthly contributions to the Humanitarian OpenStreetMap initiative in effort to map unmapped areas, vulnerable to disaster risk around the world.

Fieldwork for Master's Thesis

Research excursion to the Tyrol region of the Austrian Alps obtaining data from various methods (ERT, dGPS, sediment boring, UAV 3D modeling) to contribute to the monitoring of permafrost/rock glacier degradation.

Study Abroad

Summer study abroad trip to Costa Rica examined various environmental protection and education efforts by the government and peoples of Costa Rica in June of 2015.

CCL – Citizens' Climate Lobby

Non-partisan non-profit organization aimed at enacting a carbon-fee and dividend bill. Activities included managing the social media page for the Boulder chapter of CCL, sitting on the conference planning committee and meeting with state legislators in Washington D.C. to discuss CFD legislation.

Website

A collection of academic writing including bachelors thesis as well as various GIS projects can be viewed here:

elainewendt.com