

MATHILDE WESTERMANN

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EDUCATION

University of Arizona, Tucson, AZ M.S. in Geographic Information Systems Technology	Currently Pursing
University of Arizona, Tucson, AZ B.S. in Geoscience Emphasis in: Earth Systems science including studies in atmospheric science, ocean science, and planetary science.	2015
Tucson Magnet High School, Tucson, AZ Received Diploma General Studies	2010

AWARDS

Honorable mention/Dean's list (Fall 2010, Fall 2011, Spring 2011, Fall 2012, Spring 2012, Spring 2014, & Spring 2015)

INTERNSHIPS AND RESEARCH EXPERIENCE

University of Arizona Lunar and Planetary Lab—Student intern with Hamilton Research Group <ul style="list-style-type: none">Examining Laki lava flowDeveloping thematic facies map	Present
NASA Space Grant—Intern at the U of A Laboratory of Tree Ring Research <ul style="list-style-type: none">Studied timing and rate of growth of trees and connections to microclimate in the Santa Catalina Mountains.Collected, processed, and examined microcore tree samples.Gained experience using wax embedding equipment, microtome, microscope, GPS, and microcore tree sample extraction equipment (trephor).	2014-2015
Global Solar Energy Inc.—Student Intern in characterization lab <ul style="list-style-type: none">Learned about development and production of photovoltaics.Gained experience using XRD and SEM.	2014

PRESENTATIONS

Arizona Space Grant Symposium—Student Presenter <i>"Micrometeorological Data for the Analysis of Timing of Tree Growth"</i>	2015
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ADDITIONAL PROFESSIONAL EXPERIENCE

Esperero Canyon Middle School—Education Assistant Provide academic support to science students	2015
Child and Family Resources—Happy Hours Elementary Aged After School Program Facilitated after school activities including STEM projects.	2012 – 2014

INTERESTS, ADDITIONAL SKILLS, AND QUALIFICATIONS

- Competent in Microsoft Office for Windows and Mac.
- Experience using ArcMap, Google My Maps, & Map Box.
- Interested in expanding my knowledge of Earth systems to a planetary extent and utilizing GIS technology.
- Interested in conducting field work and outdoor research.
- Have German/EU citizenship

LANGUAGES

English—Native Language

German—Semi fluent (Basic speaking, comprehension, and reading skills)

MEMBERSHIPS

Southern Arizona Environmental Management Society (SAEMS)

Society of Earth Science Students (SESS Club)