

Tasos Tentoglou

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Fifth-year Environmental Engineering student at UC Merced seeking internship opportunities in remote sensing.

EDUCATION

University of California, Merced

B.S. Environmental Engineering

Merced, CA

December 2021

Affiliations and Organizations:

EORS Lab, Engineers for a Sustainable World (ESW), National Resources and Ecology Association (NREA)

WORK EXPERIENCE

National Aeronautics and Space Administration - NASA

DEVELOP - Remote Sensing Researcher

Mountain View, CA

June 2021 – Aug 2021

- Collaborated with a team in creating a Google Earth Engine tool that uses NASA Earth Observations to monitor historical changes in the extension of seagrass meadows along the Louisiana coast.
- Communicated with partners in weekly research meetings to share project updates and progress.
- Produced a technical report, presentation, and an award winning ArcGIS StoryMap summarizing our findings.
- Research is planned to be presented at the AGU conference 2021.

University of California, Merced

EORS Undergraduate Researcher

Merced, CA

Jan 2021 – Current

- Utilized NASA Earth Observations through Google Earth Engine in analyzing burn severity and albedo change concerning California wildfires.
- Discussed papers and research updates in weekly lab meetings.

Library Student Specialist, Digital Curation and Scholarship

Oct 2018 – Current

- Worked on archival processing, arrangement, digitization, and preservation of University of California Cooperative Extension (UCCE) agricultural data.
- Digitized and managed data on a large scale.

GERLCA Undergraduate Researcher

Aug 2020 – Dec 2021

- Learned the basics of Life Cycle Assessment (LCA).
- Assisted graduate student in revising thesis for publication regarding LCA of electricity from community based bamboo gasification in a rural and remote island of Indonesia.

Elite Framers

Construction Intern

Palo Alto, CA

Jun 2018 – Aug 2019 (summer)

- Assisted in building structures for residential, business, and construction sites.
- Worked alongside a general contractor in various tasks such as foundation work, framing, roofing, siding, insulation, and interior finish.

PROJECTS

EORS Lab

Merced, CA

Burn Severity and Albedo Analysis Concerning the Mendocino Complex Fire

Sept 2020 – July 2021

- Used Google Earth Engine to analyze burn severity and albedo change regarding the Mendocino Complex Fire.
- Presented and published research at the IEEE IGARSS 2021 international research symposium.