

# ILAYDA DINC

gdinc@ucsb.edu | (805) 252-4868 | Santa Barbara, CA | [LinkedIn Profile](#)

## EDUCATION

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**Master of Environmental Science and Management** (Expected July 2020)

**Corporate Environmental Management Specialization, Strategic Environmental Communication and Media Focus**

Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)

Selected Coursework: Life Cycle Assessment, Carbon Accounting, Advanced Data Analysis

Environmental Data Visualization, Corporate Environmental Management

**Bachelor of Science in Mechanical Engineering** (June 2018)

Bogazici University, Istanbul, TR

Study Abroad: Monash University, Melbourne, AU (7/15–12/15); Harvard Summer School, Cambridge, MA (8/17)

## MASTER'S GROUP THESIS PROJECT

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**Assessing the Impacts of Regenerative Organic Agriculture**, Client: Patagonia (4/19–Present)

- Modeled the soil organic carbon sequestration potential of regenerative organic agricultural practices in 4 different regions for 4 different crops using the Denitrification-Decomposition (DNDC) simulation model.
- Identified the best agricultural management practices to combat climate change via soil carbon sequestration and to inform Patagonia's supply chain decisions
- Co-wrote 45-page final report on organic and regenerative organic practices to provide recommendations for both apparel and food industries

## PROFESSIONAL EXPERIENCE

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**Project Coordinator** (12/19–Present), **Life Cycle Assessment (LCA) and Communications Intern** (04/19–12/19)

**Adopt a Cookstove Initiative, UCSB Bren School**, Santa Barbara, CA (with travel to multiple Rwanda locations)

- Conducted LCA of 4 cooking technologies (three-stone fire and Gasification, LPG, and Charcoal stoves) to evaluate environmental impact of shifting to efficient cookstoves in Rwanda; determined transition would reduce 1.14-3.31 tonnes CO<sub>2</sub>e greenhouse gas emissions per year, mitigate climate change, decrease deforestation
- Interviewed 10 nonprofits and 5 industry experts via phone calls about clean cooking projects in developing countries to understand its social context and learn from other projects' successes and failures to inform initiative strategy
- Collaborated with World Dance for Humanity (Santa Barbara) to make a field trip to Rwanda, visited 4 local cooperatives, interviewed with 6 households, and demonstrated new clean cooking technology
- Led Facebook fundraising of \$7500, enabling distribution of 10 cookstoves to Rwanda homes for testing; co-wrote proposal for University of California Carbon Neutrality Initiative grant and won \$58,267 offset seed award.

**Project Manager and Social Media Content Developer** (12/18–06/19)

**OneBren Project, UCSB Bren School**, Santa Barbara, CA

- Supported strategic planning for OneBren fundraising initiative soliciting annual donations from 1300+ Bren alumni
- Co-wrote 4 ask letters to raise funds for student fellowships; designed corresponding Constant Contact emails
- Developed graphics in Canva to advertise initiative to Bren's 1100+ LinkedIn, Facebook and Instagram followers

**Regional Coordination Intern, Regional Coordination Unit for Northern Mediterranean** (1/18–6/18)

**United Nations Convention to Combat Desertification (UNCCD)**, Istanbul, TR

- Monitored registration and organization of Regional Workshop on UNCCD Reporting attended by 62 experts from 22 countries from 3 regions (Northern Mediterranean, Central and Eastern Europe, and Central Asia)
- Provided substantive and editorial support for Regional Workshop Report summarizing the trainings and the feedbacks
- Oversaw weekly email and phone communication between the unit and Ministry of Forestry & Water Affairs of Turkey

**Project Intern** (10/17–6/18)

**Mikado Sustainable Development Consulting**, Istanbul, TR

- Planned "Investment Ready Social Enterprises: Capacity Building Program" attended by 12 social enterprises; analyzed participant feedback and reported results to the program coordinators to guide the improvements for the next year
- Headed international "Water Explorer" program encouraging 2000+ children to conserve water; initiated registration, upgraded online resources, managed social media, and completed strategic planning
- Conducted the background research for gender equality toolkit evaluating 17 companies based on women's employment and gender equality in the workplace

## SKILLS

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**Software:** MS Office Suite (Word, PowerPoint, Excel), R, MATLAB, Tableau, Constant Contact, Canva

**Languages:** Turkish (Native), English (Fluent), Spanish (Intermediate)