

KIERA MATISKA

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EDUCATION

Master of Environmental Science and Management (Expected June 2023)

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

Specialization: Conservation Planning & Energy and Climate

Highlighted Coursework: Earth System Science, Business in the Environment, Statistical Analysis for Environmental Science, Environmental Biogeochemistry, Ecology of Managed Ecosystems, Environmental Law and Policy, Economics of Environmental Management, Environmental Politics and Policy, GIS, Advanced Data Science, Climate Change Impact and Adaptation, Carbon Accounting (All to be completed by June 2022)

Bachelor of Science in Environmental Science (April 2021)

University of Michigan (UM), Ann Arbor, MI

Highlighted Coursework: Restoration Ecology, Conservation Science, Ecology, Ecology of Fishes, Environmental Geochemistry, Tropical Conservation and Ecology, GIS

ENVIRONMENTAL EXPERIENCE

Fisheries Intern, U.S. Geological Survey, Michigan Sea Grant, Ann Arbor, MI (5/20–8/20)

- Organized 10+ sheets of lab data into one document using Excel for easier reading, communication, and continuation of the research project to better understand oxygen consumption rates of sexed lake trout
- Improved statistical skills using tools (ANOVA's, regressions, and t-tests) on Microsoft Excel to analyze and manipulate data to calculate individual sexed bioenergetic models for lake trout
- Prepared a thoughtful and informative poster with important information obtained from data through statistical analyses for further discussion from the scientific community
- Presented to 100+ people about the purpose, methods, and results of the internship research to spread knowledge and awareness that individual sexed bioenergetic models may be needed for estimate accurate metabolism and oxygen consumption of different fish species

Independent Researcher, Remote University of Michigan Biological Station, Ann Arbor, MI (5/20–6/20)

- Collaborated with a partner on an independent research project that established better knowledge on how anthropogenic factors influence wetlands ecologically
- Collected dirt and water samples by digging up buried soil and bottling clean river water to attain environmental data for research on the anthropogenic factors influencing wetland ecosystems
- Surveyed 2 ecological wetland areas in 5 sample areas for plant species, animal species, and ecological processes to further expand data that are impacted by anthropogenic factors
- Wrote a scientific paper (9 pages) on data acquired from the research to influence the scientific community to further explore anthropogenic effects on wetlands

ADDITIONAL EXPERIENCE

Assistant Manager, Dollar Tree, St. Joseph, MI (5/21–8/21)

Supervised 5+ employees per shift to ensure correctness in everyday procedures and tasks.

Trained new employees to help get them accustomed to the job and aid in a smoother workday

Team Member, M|Dining, Markley Dining Hall, Ann Arbor, MI (10/19–11/20)

Enhanced communication skills by keeping 5 managers informed on dining hall conditions

Aided coworkers in daily tasks to produce a smoother workday and increase efficiency

SKILLS

Computer: RStudio, XCode, Microsoft Suite (Word, PowerPoint, Excel), Google Suite, Zoom, GIS

Language: R