

# WILLEM C. KLAJBOR

## Senior Research Associate II

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### EDUCATION

- 9/18 – 10/20 **Oregon State University** **Corvallis, OR**  
MS, **Marine Resource Management**; Graduate Minor, **Risk and Uncertainty Quantification in Marine Science**  
Thesis: *Management Applications of Remotely Sensed Dynamic Seascapes - Explores utility and applications of dynamic, satellite-based seascapes in the marine resource management field specifically regarding forage variability in the California Current Ecosystem*
- 9/14 – 5/18 **University of Maryland** **College Park, MD**  
BS, **Environmental Science and Policy**, concentration in Marine and Coastal Management; BA, **Economics**; Minor, **Geographic Information Systems**
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### CURRENT POSITION

- 3/22 – Present **CIMAS/University of Miami in Service of NOAA AOML and SEFSC** **Miami, FL**  
Senior Research Associate II responsible for coordinating NOAA's Ecosystem Indicators Working Group (EIWG), Integrated Ecosystem Assessments for Wind Energy (Wind-IEA) in the Gulf of Mexico, and serving as the primary point of contact for Southeast Fisheries Science Center (SEFSC) Offshore Wind (OSW) Activities in the Gulf of Mexico. EIWG coordination includes scheduling and running regular meetings, providing data management services for the National Marine Ecosystem Status Website, and publicizing NOAA's suite of ecosystem science indicator products. The Wind-IEA effort includes coordinating with agencies and stakeholders working on or around wind energy projects in the region, utilizing existing ecosystem indicators and developing new indicators for evaluating the holistic impact of wind energy activities on coastal and marine ecosystems and the communities that rely upon them. The SEFSC Offshore Wind responsibility includes coordinating NOAA's science and policy responses to OSW actions in the Gulf of Mexico Region, co-authoring foundational documents for NOAA's OSW strategy, and organizing and running monthly meetings with NOAA stakeholders.
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### RELEVANT EXPERIENCE

- 2/21 – 1/22 **Knauss Ecosystem Indicators Fellow: NOAA Office of Education** **Silver Spring, MD**
  - Led the NOAA Ecosystem Indicators Working Group, coordinating the update, improvement and rollout of the National Marine Ecosystem Status website
  - Position co-hosted by ONMS, AOML, and NCEI – engaged in independent research projects with each office, including coordination of a Sanctuary Condition Report
- 6/19 – 12/22 **Executive Committee Chair: Oregon Coastal and Ocean Information Network** **Corvallis, OR**
  - Managed a multidisciplinary team of ocean science professionals that create and maintain online products that ensure long-term collaboration among ocean and coastal policymakers, researchers, and managers in Oregon
  - Facilitated the update and long-term maintenance of the Network's Coastal Research Explorer web portal through technical expertise and collaboration with state-level professionals
- 6/19 – 10/20 **NSF NRT Fellow: College of Earth, Ocean, and Atmospheric Sciences, Oregon State University** **Corvallis, OR**
  - Conceptualized, executed, and published a research project as part of a transdisciplinary team through the NSF's National Research Traineeship Program
  - Developed "stress-scapes" that combined physical, chemical, and biological data to hindcast spatiotemporally dynamic regions of increased biological stress for juvenile Pacific Cod in the Gulf of Alaska
- 5/17 – 8/17 **NOAA Hollings Scholar: Beaudreau Coastal Ecology Fisheries Lab, University of Alaska Fairbanks** **Juneau, AK**
  - Used fisher interviews, demographic information, and geospatial data to explore impacts of regulations related to the creation of a subsistence halibut fishing sector in Alaska
  - Established the premise and contributed to the proposal of a forthcoming publication about human dimensions of the subsistence halibut fishery in Southeast Alaska
  - Participated in technical field work that contributed to multiple graduate theses and dissertations at UAF

- Analyzed and edited memorandums of understanding, proposed rules, and congressional reports related to environmental policy at the local, state, and federal levels
- Conceptualized, executed, and reported on a high-level research project related to the 30-year economic outlook of state-owned nuclear power facilities in the United States, which was relayed to the Sec. of Energy.

**RELEVANT COURSEWORK**

Advanced GIS, Remote Sensing, and Computer Cartography • Biogeochemical Oceanography and Paleoceanography  
 Environmental Science, Policy, and Law • Biogeochemical Science and Policy Interfaces • Transdisciplinary Teamwork  
 Experimental Design in Social Science • Fisheries Sustainability and Management • Atmospheric and Oceanic Science  
 Marine Law • Wetland Ecology • Environmental Economics • Global Economic Policy • Professional Writing  
 Advanced Macro/Microeconomics • Game Theory • Communications Theory • Resource Sociology

**PUBLICATIONS**

Karp, M... **Klajbor, W.**, et al. (2023) "Increasing the uptake of multispecies models in fisheries management." *ICES Journal of Marine Science*, <https://doi.org/10.1093/icesjms/fsad001>

**Klajbor, W.**, Kavanaugh, M.T., Harvey, C., Santora, J., et al. (2023) "Dynamic Seascapes Describe the Variability of Forage Taxon Assemblages in the California Current Ecosystem." (In Prep, *Progress in Oceanography*)

Kavanaugh, M.T., ... **Klajbor, W.** (2021) "Satellite remote sensing and the Marine Biodiversity Observing Network: current science and future steps." *Oceanography Special Edition*, <https://doi.org/10.5670/oceanog.2021.215>

Blaisdell, J., Thalmann, H.T., **Klajbor, W.**, et al. (2021) "A Dynamic Stress-Scape Framework to Evaluate Potential Effects of Multiple Environmental Stressors on Gulf of Alaska Juvenile Pacific Cod." *Frontiers in Marine Science*, <https://doi.org/10.3389/fmars.2021.656088>

**CONFERENCE AND MEETING PRESENTATIONS**

**Klajbor, W.**, Brown, J., Burns, C., Montenero, K., Troast, B. 2023. Developing IEA, ecosystem, climate science with specific, non-fishery management partners. National Integrated Ecosystem Assessment Meeting. Oral.

**Klajbor, W.** & Montenero, K. 2022. Ecosystem and Climate Indicators for Science Based Decision Making. Oral.

- 2022: SIMA/NOAA Ecosystem Indicator Workshop
- 2022: Brazilian Ocean Data Bootcamp

**Klajbor, W.** 2022. Applications of Satellite Remote Sensing Products for Monitoring and Conservation. Brazilian Ocean Data Bootcamp. Jul 13. Oral.

**Klajbor, W.**, Spooner, E., Link, J., Kelble, C. 2021. NOAA's National Marine Ecosystem Status Website. Oral.

- 2023: National Marine Educators Association Annual Meeting
- 2022: Cross-Marine Biodiversity Observation Network National Meeting
- 2022: Southeast Marine Biodiversity Observation Network Regional Meeting
- 2021, 2022: NOAA Education Council
- 2021, 2022: NOAA Science Council
- 2022: NOAA Ocean Acidification Working Group
- 2021-2023: NOAA Ecosystem Based Management Seminar Series
- 2022: NOAA Northeast Integrated Ecosystem Assessment State of the Ecosystem Workshop
- 2021: NOAA NCEI Seminar Series

**Klajbor, W.**, Kavanaugh, M.T., Ciannelli, L., Harvey, C., Field, J., Santora, J. 2020. Spatial and interannual variability of seascape and micronekton assemblage associations in the California Current Ecosystem. AGU Ocean Sciences Meeting. Feb 16 – 21. Oral

**Klajbor, W.**, Kavanaugh, M.T., Ciannelli, L., Harvey, C., Field, J., Santora, J. 2019. Dynamic Satellite Based Seascapes as a Tool to Understand Distribution of Micronekton Forage Species Assemblages in the California Current Ecosystem. AFS/TWS Joint Annual Meeting. Sep 29 – Oct 3. Oral

**Klajbor, W.**, Chan, M.H., Beaudreau, A.H. Fishing as a way of life: evaluating community responses to federal subsistence fishing regulations in Southeast Alaska.

- 2018: Society for Applied Anthropology Annual Meeting. Apr 3 – 7. Poster
- 2018: Alaska Marine Science Symposium. Jan 22 – 26. Poster
- 2017: NOAA Hollings Scholarship Final Symposium. Aug 17. Poster

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## HONORS AND AWARDS

- 11/22 **NOAA Bronze Medal** for providing ready access to NOAA information and data on the status of ecosystems that support valuable U.S. marine fisheries, species, and services.
- 2/21 – 1/22 **NOAA Knauss Marine Science and Policy Fellowship**
- 9/19 – 10/20 **NSF National Research Traineeship**
- 5/19 – 10/20 **Oregon State University Warren W. Denner Memorial Fellowship**
- 4/16 – 5/18 **NOAA Ernest F. Hollings Undergraduate Scholarship**
- 4/14 – 5/18 **University of Maryland College Park Presidential Scholarship**
- 4/14 – 5/16 **University of Maryland College Park College of Agriculture and Natural Resources Dean's Scholarship**
- 5/14 **Boy Scouts of America Eagle Scout Award**
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## VOLUNTEER ACTIVITIES

- 3/19 – 10/20 **Marine Reserves, Oregon Department of Fish and Wildlife Marine Resources Program: Biological Survey Data Management Volunteer** **Oregon Coast**
- Assisted in execution of hook and line biological surveys in Oregon's Marine Reserves by collecting and recording data related to fish species, size, health condition, and location
  - Completed a comprehensive training about proper research and data recording ethics and etiquette at the Oregon Department of Fish and Wildlife Office in Newport, OR
- 4/15 – 5/18 **Student Government Association Sustainability Committee, University of Maryland: Director, Communications Director, Student Member** **College Park, MD**
- Interfaced with stakeholders in state, county, city, and campus leadership positions to further sustainability efforts and reach specifically set goals
  - Organized more than a dozen campaigns directed at student population focused on environmental literacy and conservation of natural resources in Maryland
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## PROFESSIONAL AFFILIATIONS

- 1/15 – Present **American Fisheries Society**; Early Career Member, Western Division
- 9/18 – Present **The Oceanography Society**; Early Career Member
- 4/23 - Present **National Marine Educators Association**, Early Career Member
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