

Job Opening

Economic Analyst / California Sea Grant Offshore Wind Extension Specialist

First consideration will be given to applications submitted by Friday, November 17, 2023 at 4 pm (Pacific). The position will be open until filled.



The [Schatz Energy Research Center](#) at Cal Poly Humboldt seeks an experienced professional to join our offshore wind team as an Economic Analyst / Offshore Wind Extension Specialist.

The anticipated start date for the position is on or near January 2, 2024. The exact start date is negotiable. The position is based at the Schatz Energy Research Center, in Arcata, CA. We work in a hybrid environment that supports flexibility and connection. Our team members currently have the option to work onsite all the time or alternate between working remotely and at least 25% onsite at the Schatz Center. During the initial onboarding period, the selected candidate could telecommute, but ultimately will need to live within commuting distance of the Schatz Center.

We welcome applications from everyone who is legally eligible to work in the United States.

Who we are and what we do

Since 1989, the Schatz Center has been a leader in applied research and project development for clean and renewable energy. Our current portfolio includes offshore wind research and analysis, renewable energy microgrid development, sustainable transportation design, carbon life cycle analysis, solar product testing, and planning and policy for clean energy access around the globe.

We are located on the campus of Cal Poly Humboldt in Arcata, California. Arcata's 800-acre community forest and 11 miles of trails begin one block away — and we are within biking distance of California's second largest inland bay and the Pacific Ocean.

As residents of a rural coastal community, we are keenly aware of our social and environmental responsibilities. We are committed to increasing energy access and resilience for communities worldwide — and do so through clean and renewable design that reduces climate change and restores environmental and human health.



Cal Poly Humboldt.

Our organizational commitments

Our vision

The Schatz Center envisions a healthy planet with thriving, equitable, resilient communities powered by clean energy.

Our purpose

Our team is committed to addressing climate change and improving human and ecosystem health through work that supports clean energy, climate-resilience, equity, and justice. Our work includes:

- **Research and development** – we do applied research focused on energy and environmental issues.
- **Technology deployment** – we design, integrate, build, test, and operate innovative, renewable, and resilient energy systems that are responsive to social and environmental needs.
- **Collaboration** – we work with public and private partners including Tribal Nations, communities, agencies, academic institutions, foundations, and industry to exchange knowledge and implement innovative solutions locally and internationally.
- **Education and Training** – we support learning that provides practical, hands-on experience for current and future practitioners and leaders.



Our values

- **Kindness:** Treating people and the planet with care and respect through acts of inclusion, helpfulness, generosity, and encouragement.
- **Integrity:** Approaching one another and our interdisciplinary research with curiosity, open-mindedness, transparency, and humility.
- **Equity, diversity, and inclusion:** Providing a nourishing and rewarding environment for Center staff, students, and partners. Respecting the differences of our colleagues and actively seeking to identify and remove barriers to ensure opportunities to thrive.
- **Justice:** Working to advance racial justice, gender equality and women's empowerment, LGBTQIA+ rights, economic equality, and environmental justice.
- **Teamwork and collaboration:** Supporting internal and external community building and engagement to create inclusive and innovative solutions. Sharing knowledge with and learning from our colleagues, collaborators, community partners, and the public to advance understanding.
- **Effectiveness:** Using our technical, scientific, and policy expertise to do good work that makes a difference.

Job summary

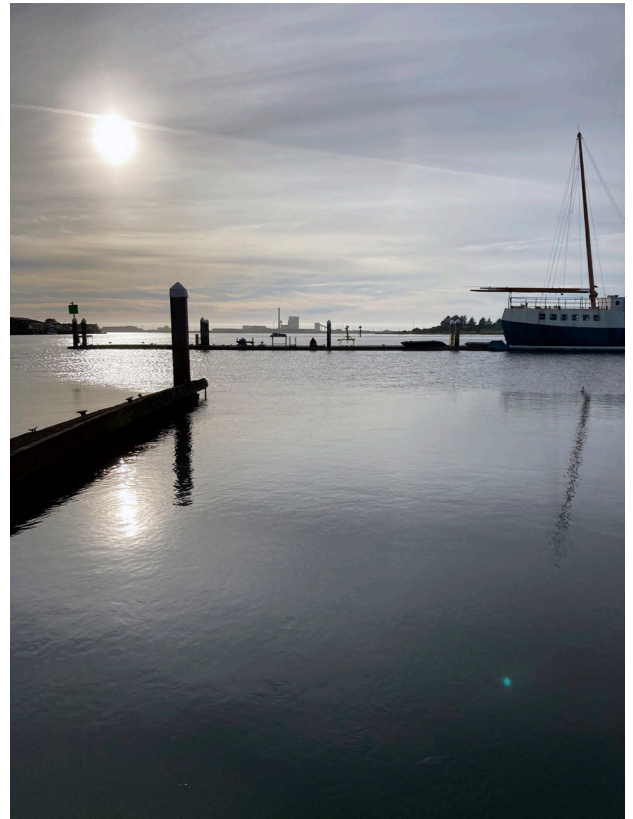
The Economist Analyst / Offshore Wind Extension Specialist will engage in analysis of economic development and job creation opportunities and carry out extension-oriented activities related to offshore wind development in Northern California. The position is affiliated with California Sea Grant and is based at the Schatz Energy Research Center (Schatz Center) at Cal Poly Humboldt. The position will report to the Schatz Center Director (Dr. Arne Jacobson) and will engage regularly with Dr. Laurie Richmond, a [Sea Grant Extension Specialist](#) and Associate Professor in the Environmental Science and Management department at Cal Poly Humboldt.

The Schatz Center has a dynamic, multi-disciplinary portfolio of offshore wind-related activities, with [over 30 publications](#) during the past four years related to the potential for offshore wind development along the U.S. Pacific Coast. The Center works closely with federal, state, Tribal, and local government agencies, and it also engages actively with a variety of companies and organizations relevant to offshore wind.

The Schatz Center is based in the Humboldt Bay region of coastal northwestern California, and the area is well-positioned to become a hub for U.S. Pacific Coast offshore wind development. The Bureau of Ocean Energy Management (BOEM) held a [lease auction in December 2022](#) that included the Humboldt Wind Energy Area, a 206 square mile area located 20 miles offshore from Humboldt Bay that could include floating wind farms on the order of 1.6 to 1.8 GW of installed capacity. Additional wind areas may be identified and leased in northwestern California and southern Oregon over the coming years, potentially enabling installation of over 10 GW of wind generation capacity in the region over the coming decades.

This growth has potential to contribute to economic development and job creation in the region, but the degree of economic benefit is dependent on the ability of the region to develop supply chain business activities and to build workforce capacity for specialized jobs relevant to floating offshore wind and associated infrastructure development (e.g. ports and electric transmission). The proposed position would engage in extension-oriented outreach activities and analysis aimed at identifying, assessing, and prioritizing economic development and workforce capacity building opportunities in northwestern California. A goal of the position is to support creation of a regional economic development strategy for offshore wind that is inclusive of historically marginalized populations.

As a member of the California Sea Grant (CASG) Extension Team, the position will help CASG achieve its mission to provide the information, tools, training and relationships needed to help California conserve and sustainably prosper from our coastal and marine environments. Members of CASG Extension work independently and together as part of a team located at universities throughout California. The role of an Extension team member is to engage and build relationships with coastal communities, key partners, and community members to address California-based coastal and marine issues and opportunities using research, community engagement, and education to develop, disseminate, and, when appropriate, put into action, science-based information.



Core Functions

- Conduct analysis and engage in research related to economic and workforce development related to offshore wind, with a focus on Northern California. (35%)
- Carry out extension-oriented activities related to offshore wind in northwestern California, with a focus on engagement with communities, businesses, Tribal governments, local governments, non-profit organizations, and other constituencies. (35%)
- Participate in statewide California Sea Grant activities. (15%)
- Other duties as assigned. (15%)

(Note: The percentages are intended to be indicative, and actual time spent in the listed activity areas may vary over time as needed.)

Initial responsibilities for this position

Economic and workforce development analysis

- Collect information / data and conduct analysis relevant to economic development, supply chain, and workforce development opportunities relevant to offshore wind energy in Northern California. This will include identification, assessment, and prioritization of opportunities.
- Engage with relevant regional, state, and national constituents to gather information and hear perspectives related to the offshore wind economic analysis.
- Share results of analysis with relevant constituents through meetings and through preparation and delivery of reports, publications, and presentations related to the offshore wind economic analysis.
- Collaborate with colleagues at the Schatz Center and others at Cal Poly Humboldt and in the northwestern California region with respect to offshore wind research and development activities.
- Engage with networks outside the northwestern California region on topics related to offshore wind and associated economic development, supply chain, and workforce needs.

Offshore wind extension activities

- Determine the needs of coastal and marine resource users by consulting with individuals, groups, government agencies, and other academics.
- Engage in knowledge sharing and provide technical / analytical support to selected constituents in the region.
- Use various outreach methods (e.g. meetings, workshops, symposia) and materials to interface with, engage and inform community partners, industry, academics and agency staff from local, regional, state, national and international stakeholders.
- Develop collaborations and obtain extramural funding to design and implement projects with clear outcomes and benefits to the region.
- Produce high-quality products, such as educational workshops, multimedia materials, technical publications, and scholarly papers.
- Represent California Sea Grant and the Schatz Center at events and meetings.

Statewide California Sea Grant activities

- Connect the California North Coast region with relevant activities and efforts from other regions, and share lessons learned from analysis and engagement in the region with people and organizations from other areas.
- Coordinate closely with offshore wind extension personnel at Cal Poly San Luis Obispo and Oregon Sea Grant and where appropriate, the National Sea Grant Offshore Wind Energy Liaison.
- Attend meetings related to California Sea Grant activities.
- Maintain effective communication with the CASG Coastal Resilience Extension Specialist in Humboldt (Dr. Laurie Richmond) and the CASG Director of Extension. Engage with the CASG Director in relation to program review.
- Participate in relevant professional conferences and community organizations.

- Participate in National Sea Grant Network events and activities, as appropriate.

Other duties as assigned

- Participate in grant writing and other development activities.
- Participate in meetings and committees internal to the Schatz Center.
- Mentorship of undergraduate and graduate students working at the Schatz Center.
- Other activities as assigned.

Qualifications

Minimum qualifications

Education and Experience

Any combination of education, training, and experience that would provide the required knowledge, skills, and abilities. This qualification can be met by education, training, and/or experience equal to a Master's degree in a relevant field (e.g., economics, public policy, or similar) plus at least two years of related professional experience. Note: Experience equal to a master's degree in a relevant field and two years of related professional experience could, for example, be obtained from a bachelor's degree in a relevant field and four years of related work experience. Candidates with a Ph.D. in a relevant field meet the minimum education/experience requirements.

Knowledge, skills, and abilities

- Demonstrated excellence in economic analysis and data gathering skills.
- Knowledge of analytical techniques/tools relevant for assessment of economic, supply chain, and workforce development opportunities and ability to apply these techniques/tools to analysis related to offshore wind and associated infrastructure development (e.g., wind farms, ports, electric transmission infrastructure).
- Ability and interest to develop and maintain professional relationships and networks.
- Interest and ability to engage with a variety of community members and constituencies, including regionally-based businesses, offshore wind companies, Tribal Nations, local government agencies, state and federal government agencies, community organizations, and others.
- Demonstrated excellence in communication (written and verbal), presentation, and listening skills for various audiences.
- Interest and motivation to develop knowledge related to policy and regulatory processes related to offshore wind energy and associated infrastructure and supply chain development.
- Demonstrated ability and interest to work collaboratively with others to carry out research, analysis, and engagement activities.
- Demonstrated ability to effectively plan, manage, and implement a project and/or outreach program, including setting measurable goals and objectives.
- Commitment to promoting and supporting diversity, equity, inclusion, and accessibility in the workplace and with external stakeholders.

Desirable education, training, or experience

The following are welcome, but are not required to be eligible for this position.

- Ph.D. or another similar terminal degree in a relevant field.
- In-depth knowledge of policy and regulatory processes related to offshore wind energy and associated infrastructure and supply chain development.
- In-depth knowledge of technical and/or policy aspects related to the offshore wind energy sector.
- Experience/relationships with organizations and agencies relevant to offshore wind development.
- Familiarity with socio-economic, geographic, and cultural aspects of rural Northern California.

Important note:

This vacancy announcement includes both (a) minimum qualifications as well as (b) desirable experience or training. Research shows that many women and people of color, in particular, feel that they have to have 100% of both required and desired skills and experience before applying for a new job. We want to reiterate that *any listed desirable experience or training is not required* to apply for a position on our team. If you meet the minimum qualifications and have the passion for the work, we strongly encourage you to apply.

Compensation and benefits

Compensation and term

This is a full time exempt position with a minimum term of three years. Employee continuation is anticipated, contingent on funding, workload, and performance. The monthly salary range is between \$6,201 and \$7,179, depending on skills and experience. Cost of living adjustments are made annually in July.

Advancement

Advancement in step may occur no less frequently than every two years and is based on employee performance. Step raises outside this interval may also be granted for employee achievements such as professional licensure or completing a graduate degree. Advancement in category is based on criteria including experience, a strong performance record, and an increase in responsibility.

Insurance

Medical, dental, vision, and life insurance are available for employees and dependents.

Paid time off

Paid time off includes:

- 14 holidays per year, including December 25 to January 1
- 6 ⅔ hours of vacation per month (increases with length of service)
- 8 hours of sick leave per month
- 1 personal day per calendar year

Paid leave is also provided for voting and jury duty, and programs are available for pregnancy, disability, and family medical leave.

Retirement

Beginning at one year of service, employer contributions of 10% of employee gross wages are made to a 403(b) employer-paid retirement investment plan.

Additional benefit information

For additional information on leave accruals, insurance, and other benefits, view the Cal Poly Humboldt Sponsored Programs Personnel Manual at: <https://research.humboldt.edu/responsibilities-compliance/research-and-institutional-policies>.

Please note that this is not a California State University position.

How to apply

Deadline

First consideration will be given to applications submitted by 4 pm Pacific Time (US) on November 17, 2023. The position will be open until filled.

Materials

Applicants must submit the following via email to schatzenergy@humboldt.edu:

- A formal letter of application (2 page maximum preferred). In your letter, please explain why you are interested in the position and how your background, knowledge, skills, and abilities prepare you for the job.
- A resume (3 pages is preferred, but we encourage you to include all relevant and transferable experience and skills you wish us to consider)
- A Cal Poly Humboldt Sponsored Programs Foundation Employee Information Form for Applicants: <https://forms.humboldt.edu/spf-self-identification-form-job-applicants-eif-pre-offer> - Fill in Submission Email/Contact as follows: Schatz Energy Research Center (Name) and schatzenergy@humboldt.edu (Email)

Please include in your email how you learned about this vacancy.

Additional materials may be required from candidates invited to interview.

Affirmative action & equal opportunity

The Schatz Center is a part of the Cal Poly Humboldt [Sponsored Programs Foundation](#) (SPF), an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, religion, color, national origin, ancestry, age, sex, gender, gender identity, gender expression, sexual orientation, genetic information, medical condition, disability, marital status, protected veteran status, or any other legally protected status.

More information about SPF's Equal Employment Opportunity hiring can be found at: <https://research.humboldt.edu/employment/hiring>.

Questions and inquiries

For assistance with the application process, please submit an Accommodation Request Form or call the Compliance Support Coordinator at (707) 826-5169. <https://forms.humboldt.edu/spf-accomodation-request-form>

Learn more about our employment opportunities at schatzcenter.org/jobs.

For additional information, please email schatzenergy@humboldt.edu or call (707) 826-4345.



SCHATZ ENERGY RESEARCH CENTER at Cal Poly Humboldt
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