



TITLE: Ocean Risk Data Specialist

REPORTS TO: Programme and Risk Director

DEPARTMENT: Programme Department

CLASSIFICATION: Fixed-Term Contract

DATES: Starting April 1, 2024 through September 30, 2025, with potential to renew or extend.

COMPANY OVERVIEW:

A resilient, net zero and economically secure world is not possible without a healthy, regenerating ocean. The Ocean, one of the planet's greatest assets, is in crisis. Heating, leading to extreme weather events, sea level rise, and adverse ecosystem changes as well as pollution, overfishing and destructive fishing, rising levels of acidity and biodiversity loss all jeopardise its health. Rebuilding and restoring 'blue nature' means protecting the critical impact buffers and biodiversity reservoirs that provide food, social and economic security to billions of people and businesses across the world.

Immediate and scaled action is needed to build resilience to change. It is the mission of the Ocean Risk and Resilience Action Alliance (ORRAA) to build the resilience of 250 million climate vulnerable coastal people by 2030, by deploying at least USD\$500 million of investment into coastal and ocean resilience through the development of at least 50 novel finance and insurance products. ORRAA is the only multi-stakeholder convenor connecting the international finance and insurance sectors, governments, non-profits, and stakeholders from the Global South focused on driving financial innovations to deliver a sustainable and equitable blue economy and more resilient coastal communities.

JOB SUMMARY:

As the Ocean Risk Data Specialist, you will be managing and supporting the strategic direction of two of ORRAA's key projects – the Coastal Risk Index and Vessel Viewer.

ORRAA has been leading the development of an innovative modelling tool, the [Coastal Risk Index \(CRI\)](#), to calculate coastal flood hazards and quantify the risk reduction benefits of coral reefs and mangroves for coastal communities around the world, in the current climate as well as in future climate scenarios to 2050. The CRI also integrates social vulnerability and fiscal risk data into the platform.

In addition, ORRAA, along with our partners Global Fishing Watch and TMT, have developed an innovative new technology tool: [Vessel Viewer](#), which can be incorporated into insurance underwriting processes to help stop illegal, unreported, and unregulated (IUU) fishing vessels from securing insurance, in so doing, combat IUU fishing. By cutting off access to insurance, the insurance sector can play a key role in creating a strong financial disincentive against IUU fishing, while also protecting themselves from exposure to legal liability and reputational harm.

Vessel Viewer is a data and insights tool that offers critical information on vessel identity, activities, and authorisations. It compiles multiple data sources and links it to insights that highlight the potential that a vessel may be engaging in or supporting IUU fishing. By arming underwriters with this important information, they can more effectively evaluate their potential exposure risk, and enable them to flag any concerns or gaps to investigate further before proceeding with insurance coverage.

Collaborating with cross-functional teams, industry experts, and stakeholders, you will work towards actionable solutions for building coastal and ocean resilience. Through your endeavours, you have the power to change millions of lives and help protect our world's most valuable and vulnerable coastal ecosystems. The key responsibilities of this role include:

RESPONSIBILITIES:

- Work with the Programme and Risk Director to develop and implement the long-term strategic vision and implementation plan for the CRI.
- Lead the development of the CRI Data Platform, including coordinating data inputs, implementing the design vision, and ensuring timely delivery of the Platform work plan.
- Identify and lead partnerships on the CRI across public, private, and multilateral sectors, including collaborations, partnerships and sub-projects. Ensure key stakeholders are kept up to date with progress.
- Coordinate the day-to-day management of the CRI, for example, by developing tools, hosting team and partner meetings, feedback working groups, and strategic planning sessions. Ensure that action points are tracked, shared with the team, and delivered.
- Interpret and manipulate CRI data to create important messaging and support ORRAA's communications priorities.
- Coordinate and manage sub-projects and partners including Global Fishing Watch and TMT on the progress, improvements and insights of Vessel Viewer.
- Identify and lead partnerships on Vessel Viewer with the insurance industry specifically, including identifying potential for new collaborations and users of the tools, as well as developing and maintaining relationships across the industry. Ensure key stakeholders are kept up to date with progress.
- Contribute to grant reporting and grant proposal writing; coordinate timely input into these from partners.
- Work closely with the ORRAA communications team to ensure effective communications about the CRI and Vessel Viewer, including for internal and external reporting, on ORRAA's social media platforms and across assets. Assist in the development and editing of announcements, blogs and reports as needed.
- Support opportunities to highlight the CRI and Vessel Viewer at external events, including presentations and developing talking points.
- Inform and update the ORRAA team on project progress, opportunities for engagement and integration into ORRAA's work programmes and mission.

REQUIRED & PREFERRED SKILLS:

- Minimum 8 years of project management experience, with at least 2 years' experience managing a budget over US\$2,000,000.
- A BSc degree in either data, modelling, finance, economics, political sciences, natural sciences and/or international relations – or equivalent education and experience- required,
- Expert knowledge and applied use of hazard and risk modelling, managing and developing the functionality of online GIS data tools and platforms, and/or experience with Python, R, or Matlab.
- Communicating science and data to both expert and lay-audiences.
- Ability to interpret data to communicate risk, resilience and climate issues.
- Experience of working in or with the insurance industry preferred.
- Project management and delivering on multi-project/multi-year work plans.
- Engagement with large and complex stakeholder groups and multiple delivery partners.
- Exceptional attention to detail and strong organisational and time management skills.
- Fluent in verbal and written English. Knowledge of another UN language would be helpful but not essential.
- Highly organised and mission driven.

WORK ENVIRONMENT:

- As a fully remote U.S. nonprofit organisation based in Washington D.C., we pride ourselves on our globally dispersed workforce. We conduct all work virtually and work flexible hours to accommodate multiple time zones.
- We may arrange in-person meetings throughout the year.
- International travel may be expected as needed and as safety allows.

CANDIDATE APPLICATIONS:

Please send an email to Hiring@OceanRiskAlliance.org, with the title of the position in the subject line.

Applications should include a resume/CV, a cover letter outlining how your skills and experience will benefit ORRAA, and your expectations for rate. Only short-listed candidates with the relevant skills and experience will be contacted. The successful candidate must be authorised to work in their country of residence. We are unable to sponsor work authorisation visas.

DATA PRIVACY:

Please note that any personal data submitted to ORRAA as part of the job application process will be processed in accordance with the GDPR and related UK data protection legislation, for more information regarding GDPR please see: <https://www.gov.uk/government/publications/guide-to-the-general-data-protection-regulation>

EQUAL OPPORTUNITY EMPLOYER:

Entry into employment with the ORRAA and progression within employment will be determined only by personal merit and the application of criteria which are related to the duties of each post and the relevant salary structure. In all cases, ability to perform the job will be the primary consideration. No applicant or member of staff shall be discriminated against because of age, disability, gender reassignment, marriage or civil partnership, pregnancy or maternity, race, religion or belief, sex, or sexual orientation.

No terminology in the advert or job description is intended to discriminate on the grounds of a person's gender, marital status, race, religion, colour, age, disability or sexual orientation. Every candidate will be assessed only in accordance with their merits, qualifications and abilities to perform the duties of the job.