

## FRESHWATER DATA ANALYSIS INTERN

We are seeking a promising and self-motivated Freshwater Data Analysis Intern to support the long-term growth and success of Conservation International's work in the Asia-Pacific region for a period of 3-6 months. The intern will have the opportunity to work alongside Conservation International's Global Freshwater Science team as well as colleagues from the Asia-Pacific Field Division to support regional analysis of freshwater ecosystems and analyze results from hydrological models and field surveys.

The Conservation International Internship Program is open to undergraduate or Master's level students in local universities reading Environmental Management, Water Resources Management, Civil Engineering, or related fields.

### **About Conservation International**

Conservation International works to spotlight and secure the critical benefits that nature provides to humanity. Since our inception in 1987, we've helped to protect more than 6 million square kilometers of land and sea across more than 70 countries. Today, with offices in more than two dozen countries and a worldwide network of thousands of partners, our reach is truly global. Building upon a strong foundation of science, partnership, and field demonstration, Conservation International empowers societies to responsibly and sustainably care for nature, our global biodiversity, for the well-being of humanity.

Conservation International Singapore envisions a vibrant, resilient and sustainable city for generations to come. Partnering with companies, governments and communities, Conservation International Singapore strives to promote sustainable development, climate finance, and blue carbon research to support positive climate action. Our programs provide educational resources and access to conservation science and mentorship to inspire youth to pursue green careers and advocate for nature.

### **Conservation International Values**

We expect that all employees will embrace the values of our organization:

- **Passion:** Inspired by people and by nature, we are urgently compelled to drive change for a sustainable future.
- **Integrity:** We are honest, transparent and accountable for our actions.
- **Teamwork:** We work together as one CI, recognizing that inclusion, collaboration and cooperation are fundamental to achieving a healthy and prosperous world for all.
- **Respect:** We respect each other and work to earn trust, valuing our diversity of cultures, talents, and experiences.
- **Courage:** We pursue our vision, taking bold action, persevering and overcoming challenges.
- **Optimism:** We are optimistic about the capacity of people to be caring, generous and brilliant, and believe that with partners, we can inspire humanity to create a better future.

### **Location**

Singapore (hybrid-working)

Must have stable and secure internet access for work.

### **About the Project**

Conservation International's Global Freshwater Science team is working toward a water and climate-secure future. We see freshwater as a critical solution space for integrating climate action, biodiversity conservation, and human well-being.

Our goal is to make these connections transparent and actionable through a “healthy watersheds” approach that benefits both people and nature. This means protecting the natural ecosystems and defenses that remain, employing large-scale natural climate solutions as part of freshwater strategies for climate mitigation and adaptation, and reverting freshwater biodiversity loss.

Our key area of action is to mobilize action towards the global [Freshwater Challenge](#) that aims to restore 300,000 km of rivers and 350 million ha of wetlands by 2030.

### **About the Role**

Working with the Director of Hydroinformatics based in Singapore, Conservation International's Global Freshwater Science team, and the Asia-Pacific Field Division, the intern will provide support in the following areas:

- Regional analysis of freshwater ecosystems considering various dimensions (such as size, biodiversity, stress, etc.).
- Site-specific analysis bending results from hydrological models and field surveys.
- Framework for serving analysis results in an interactive manner using web apps and/or story-maps.

### **Qualifications**

- Current enrolment in a Singapore university (or gap year), reading an undergraduate or Master's degree in Environmental Management, Water Resources Management, Civil Engineering, or related fields.
- Experience and interest in water resources, hydrology, or freshwater ecology.

### **Desirable Qualities**

- Good understanding of information technology with coding skills (R, Python, JavaScript).
- Experience working with geospatial data will be an advantage.
- Advanced mathematical skills.
- Strong analytical skills. Able to absorb and synthesize new information quickly.
- A collaborative, solution-focused approach, with good communication skills.
- Independent thinker and worker.

### **Benefits**

The intern will be provided with a monthly stipend of SGD 1,000 for a 5-day work week.

### **Application**

To be considered for this internship, please apply to [singapore@conservation.org](mailto:singapore@conservation.org) with the subject “**Application: Freshwater Data Analysis – [full name]**” and the following attachments:

1. Curriculum vitae.
2. Cover letter, which should include the applicant’s interest in working with Conservation International’s field programs in the Asia-Pacific and any relevant experience working in an NGO or environmental conservation setting.
3. Period of availability (indicate availability in your cover letter).
4. Writing samples and sample maps/projects to show experience and skills working with GIS software.

Shortlisted candidates will be invited for an interview.