GEOSPATIAL ANALYSIS INTERN, CAMBODIA

We are seeking a promising and self-motivated Geospatial Analysis Intern, Cambodia to support the long-term growth and success of Conservation International's work in the Greater Mekong region for a period of 3-6 months. The intern will have the opportunity to work alongside Conservation International's team in Cambodia to support land cover classification map development and build a radar-based forest disturbance alert system within project sites.

The Conservation International University Internship Program is open to undergraduate or Master's level students in local universities reading Geography, Earth Systems Science, Spatial Analysis, 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. Currently with offices in 29 countries and 2,000 partners worldwide, 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.

In Singapore, Conservation International envisions a vibrant, resilient and sustainable city for generations to come and aims to empower the community to protect nature through individual and collective action. Conservation International Singapore's country program is focused on community engagement and education, capacity building through student internships, and exploring and supporting innovative solutions for conservation science and research.

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 (remote-working)
Must have stable and secure internet access for work.

About the Project
Conservational International works to conserve the "fish basket" and "rice bowl" of Asia, spanning from Cambodia all the way up to China, where 300 million people rely on the ecosystem services of the Mekong River. Through working with governments and communities in this region, Conservational International protects the forests and wetlands that feed the system, to minimize the impact of forest degradation and loss as well as dams and other water diversions, and to improve management of fisheries to ensure that the Mekong Basin can continue to feed millions sustainably.

The Greater Mekong Landscape Program supports the conservation and management of protected areas and their species and habitats. A key part of this effort entails significant monitoring of forest cover change using remote sensing. We also support the development of sustainable livelihoods in the communities in and around these important areas. Using spatial analysis to better understand the drivers of deforestation is a powerful tool to help improve conservation.

More information about our work in the Greater Mekong region:
https://www.conservation.org/places/greater-mekong

About the Role
Working with the Landscape Program team at CI Greater Mekong and the Asia-Pacific Field Division, the intern will provide support in the following areas:
- Development of land cover classification maps within project sites throughout Cambodia in partnership with SERVIR-Mekong, a geospatial data-for-development program that responds to the needs of Lower Mekong countries.
- Development of radar-based forest disturbance alert system for the Central Cardamoms National Park's Reducing Emissions from Deforestation and Degradation (REDD+) project.

Qualifications
- Current enrolment in a Singapore university (or gap year), reading an undergraduate or Master's degree with a focus on Geography, Earth Systems Science, Spatial Analysis, or related fields.
- Proficiency in spatial analysis, mapping, and the use of remote sensing and associated software (e.g. ArcGIS, QGIS, Google Earth Engine).

Desirable Qualities
- Independent thinker and worker.
- Advanced analytical skills.
- Experience with statistical modelling.
- Interest in forest management and mapping.

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 with the subject "**Application: Geospatial Analysis Intern, Cambodia – [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.
4. Sample maps/projects to show experience and skills working with GIS software.

Shortlisted candidates will be invited for an interview.