JOB DESCRIPTION

Position: Acoustics Data Analysis

Reports to: Cain Agger

Location: This position is based in Phnom Penh

Country Program/Sector: GCP Asia – Mekong region/WCS Cambodia Program

Position Type: Full-Time

Expected travel: Periodic travel to work in other work locations, districts, and provinces as required.

Organization Background:

The Wildlife Conservation Society (WCS) is a US non-profit, tax-exempt, private organization established in 1895 that saves wildlife and wild places by understanding critical issues, crafting science-based solutions, and taking conservation actions that benefit nature and humanity. With more than a century of experience, long-term commitments in dozens of landscapes, presence in more than 60 nations, and experience helping to establish over 150 protected areas across the globe, WCS has amassed the biological knowledge, cultural understanding and partnerships to ensure that vibrant, wild places and wildlife thrive alongside local communities. Working with local communities and organizations, that knowledge is applied to address species, habitat and ecosystem management issues critical to improving the quality of life of poor rural people whose livelihoods depend on the direct utilization of natural resources.

Program Overview:

Cornell University has partnered with the Wildlife Conservation Society Cambodia Program and Nature Based solutions in Malaysia to roll out Conservation focused bioacoustics projects in both countries.

Job Summary:

We are looking for a Cambodia based acoustic data analyst to join our team. This is a full-time, 12-month position and is 100% remote with the possibility for some in-country travel to field sites. The successful applicant must be based in Cambodia. The applicant will be hired by and work closely with local partners (Wildlife Conservation Society, Cambodia) and will also collaborate with the Southeast Asia Team Lead (Dena Clink) in the K. Lisa Yang Center for Conservation Bioacoustics at Cornell University. The position is renewed annually based on performance and available funding.

Major Responsibilities:

The staff member selected for this position will collaborate with a vibrant team of researchers focused on work in Southeast Asia and will work with data from acoustic monitoring programs in Cambodia, Indonesia, and Malaysia. This role will be expected to contribute to:

● The acoustic data analysis pipeline, including annotating and preparing training data, running automated detectors/classifiers, and summarizing the results.
● Writing reports and peer-reviewed publications.
● Training and mentoring undergraduate students.
● Leading regional workshops on passive acoustic monitoring

Minimum Requirements:

Required qualifications:

- Proficiency in at least one programming language (e.g., R or Python), however previous experience working with acoustic data is not required.
- Consistent access to reliable high-speed internet.
- Proficiency in written and spoken English.
- A bachelor's degree in the natural sciences or computer science.

Preferred qualifications:

- Previous experience presenting at an academic conference and/or publishing in a peer-reviewed journal.
- Previous experience in organizing, managing, and analyzing large datasets.
- Prior knowledge of the field of acoustics.
- A master's degree in the natural sciences or computer science.
- Preference will be given to candidates from Southeast Asia.

Application process:

Please send the following documents as pdf attachments to the emails indicated below:

- Cover letter (no more than one page single-spaced using 12-point font) covering the following points:
    - Your training and experience relevant to the current position, please include specifics about your experience using relevant programming languages.
    - Why you are interested in the current position.
    - Your future career goals.
- Academic CV (https://career.ucsf.edu/sites/g/files/tkssra2771/f/wysiwyg/SampleCVAnnotatedUCSFOCPD.pdf).
- List of the contact information (Full name, affiliation, and email) for three references that we will contact you only if your application is under serious consideration.
- A writing sample of a research project, report, or other scientific document.
- A code sample from a project you previously worked on. This can be a link on GitHub or a standalone script.

Please send all application materials to both emails (**cambodiahr@wcs.org** and **dena.clink@cornell.edu**) no later than September 30th, 2023 at 11:59 PM EDT (New York, USA time zone).

Applications will be reviewed on a rolling deadline until filled, so please submit your application as soon as possible. Please feel free to email us at cagger@wcs.org with any questions about the position or application.

Expected start date:

The selected applicant will start as soon as possible, pending institutional approval. Please note this process could take several months. Visa support will not be possible, so applicants must be eligible to live and work in the specified countries.

We embrace diversity and seek candidates who will contribute to a climate that supports staff of all identities and backgrounds. We strongly encourage individuals from underrepresented and/or marginalized identities to apply.