



VACANCY ANNOUNCEMENT

Wildlife Conservation Society (WCS) Cambodia

Biodiversity Data Analysis and Management Assistant

The Wildlife Conservation Society (WCS) is looking to recruit a **Biodiversity Data Analysis and Management Assistant** for working at Keo Seima Wildlife Sanctuary, Eastern Plains Landscape, Mondulhiri Province, Cambodia.

Background

WCS assists the Royal Government of Cambodia to conserve species and habitats in four landscapes across Cambodia, namely, the Eastern Plains (consisting of the Keo Seima Wildlife Sanctuary (KSWS) in Mondulhiri and Kratie provinces), the Northern Plains, the Tonle Sap, and the Freshwater Rivers. Taken together these landscapes support all of the major habitat types in Cambodia, as well as vital population of most of Cambodia globally threatened species. These protected areas are also extensively used by human populations that reside in and adjacent to the protected areas.

Keo Seima Wildlife Sanctuary covers an area of almost 3,000 km², and is home to more than 350 species of bird, 60 species of ray-finned fish, 90 species of mammal, and 80 herptile species. More than 70 of the 900+ species of flora and fauna found in KSWS are threatened or endangered. Around 32,000 people live in and around the protected area and are key stakeholders in the long term success of the area.

Traditionally, the area was inhabited by the Bunong indigenous group, practicing shifting agriculture and extensive forest use. The area, especially the borders, is becoming increasingly populated, and practices are shifting towards cash crops such as cassava.

KSWS is supported by a REDD+ project, providing sustainable financing to protected area management. This REDD+ project is validated under two standards, the Voluntary Carbon Standard (VCS), and the Climate, Community and Biodiversity (CCB) standards. This latter standard certifies that communities and wildlife in and around the protected area benefit from the REDD+ project.

In order to support protected area management, and to track the project's impact, the KSWS Wildlife Monitoring Team conduct systematic wildlife surveys, estimating the population of 12 key species, the distribution of 14 key species, and nesting locations of a further 3 species. A major part of this monitoring work are biannual line transects, analyzed in a distance sampling framework.

Biodiversity Data Analysis and Management Assistant

WCS ensures the most value can be obtained from biodiversity data through a process of effective data collection, data cleaning, data management, data analysis, reporting, and data publication. Data collection and the first round of data cleaning is completed by the Wildlife Monitoring Team. WCS seeks qualified candidates for the position of **Biodiversity Data Analysis and Management Assistant** to support the remaining steps, under the guidance of the Data Analyst and Operations Technical Advisor (DAOTA).

Qualifications and Experience

Candidates do not necessarily require a biology background, but should have strong skills in computer use and data management, and familiarity with basic data analysis and reporting.

- Minimum of a Master's degree in a related subject
- Highly proficient in Microsoft Excel
- Professional-level spoken English language
- Familiarity with data analysis, ideally including experience with R or similar statistical environment preferred
- Familiarity with GIS tools preferred

Responsibilities

- Support to all components of KSWs biodiversity data cleaning, data management, data analysis, reporting, and data publication, with the potential to expand to other landscapes as required.
 - Data cleaning
 - Use of Excel and other tools to check the quality of collected data, working with the Wildlife Monitoring Team Leader
 - Data management
 - Use of Excel and Access to effectively manage large datasets in an efficient and usable manner
 - Data analysis
 - Use of Excel and R to conduct data analysis, supported by supervisors
 - Reporting
 - Writing Khmer language reports concisely summarizing important biodiversity monitoring results, for sharing with government, park management, NGOs, and donors, supported by supervisors
 - Making Khmer and English language presentations of findings to government, park management, NGOs, and donors, supported by supervisors
 - Data publication
 - Publishing data internally or online to make data available to government, park management, NGOs, and donors, supported by supervisors
 - Training

- Provide training to the Wildlife Monitoring Team on a range of topics to be identified as required, but likely including basic and intermediate Excel use, and basic statistical analysis.

Deliverables and outputs

- Reports, presentations, and analyses as required and defined at start of contract

Remuneration

- From \$800 dependent on experience

Duty station

- Sen Monorom town, Mondulkiri Province, with time spent in Phnom Penh and other sites as needed.

Reports to

- Data Analyst and Operations Technical Advisor

Employment period

- Initial 3-month trial contract, leading to on-going contract with suitable candidate.