CEECC-ADRI Rolling Internship, 2019

Centre for Environment, Energy and Climate Change (CEECC) at Asian Development Research Institute (ADRI) is a research think tank and an ENVIS Resource Partner under the aegis of the Ministry of Environment, Forest and Climate Change (MoEF&CC) is working in the field of Water Management and Climate Change. CEECC is also providing support to the policymakers through producing research-based evidence.

Background

CEECC at ADRI is preparing "**Water Footprint Calculator"** which would be a unique Cloud-based platform to calculate/measure the average amount of total volume of freshwater consumed to produced for certain goods and services used routinely. To understand the water consumption pattern across all sectors, the CEECC intends to develop a Water Footprint Calculator for all sectors. It would help to find the water consumed by a country, community, and group of consumers or even the individuals. For research and algorithm design, CEECC is looking for interns having basic domain knowledge of Water Resources and able to develop an algorithm for the water footprint calculator software.

Position: **Research Intern- Water Footprint ***
Internship Location: **Patna (Bihar)**
Duration: **6-10 weeks** (extendable depending upon the research requirements)

Expectations and Responsibilities:

- An individual with thorough domain knowledge on Water Resources, and willing to assist the policy research works of the center.
- The individual is expected to assisting in developing the methodology and algorithm which lead to a prototype of a water footprint calculator.
- The individual is expected to assist in designing a front/backend platform for web/ mobile based water footprint calculator.
- An individual with sound research skills may be involved in methodology development, data compilation, data analysis, and representation.
- The individual is expected to submit book reviews or research paper/articles at the end of the internship.

Qualification and Skill Required:

- B.Tech/B.E/ M.Tech degree in Computer Sciences, Information Technology, machine learning or other relevant subjects is essential.

- An individual having a thorough knowledge of IT/Software/Programming language/algorithm development is essential.
- Individuals must have sound research skills, scientific writing skills, communication skills and ability to summarise complex research in a simpler implementable format
- Knowledge of statistical tools will be an added advantage

Interested individuals can apply by writing and sharing updated CV/Resume with a writing sample of research work to the email id- **ceecc@adriindia.org**, with a subject line "**Research Intern- Water Footprint**".

Interns after successful completion of the research internship will be awarded a certificate with a basic stipend which will be provided based on the qualifications and overall performance in the internship.