Evaluation Researcher - GIS and Data

Date: Mar 9, 2021

Location: Korea (KOR), KR

Company: Green Climate Fund

Grade: AS - D
Deadline: 9 April 2021 (11:59 PM KST)
Location: Songdo, Incheon, South Korea
Contract Length: 3 years
Entry Salary: KRW 59,840,000

The mission of the Green Climate Fund ("GCF", "Fund") is to assist developing countries to respond to climate change while bringing prosperity to their peoples.
Established in 2010, the GCF invests in transformational climate projects in the developing world. The Fund makes an ambitious contribution to global climate action and channels significant financial resources into developing countries to help build low-emission and climate-resilient societies. It is country-driven and undertakes actions that reflect the circumstances of each country concerned and its national aspirations. The GCF is a key enabler of the 2015 Paris Agreement on Climate Change.

The GCF's diverse workforce is advancing its mission from its headquarters in South Korea. Our talented staff makes unique contributions to the Fund, enriching the institution through their combined expertise and professional commitment.

Position Objective
The GCF IEU is seeking to recruit a Junior Researcher. S/he will be responsible for supporting the Independent Evaluation Unit in the development and delivery of databases and analyses for policy papers, independent evaluations, reviews, studies, learning papers, and systematic and synthesis reviews. The role requires an excellent grasp of quantitative methods including data analyses, statistics, and GIS. The candidate will need to demonstrate an exceptional understanding and mastery of data collection and management. For this, s/he will need to also show strong skills in using statistical software packages, such as STATA, R, ArcGIS/QGIS, GEE and other GIS software, spatial analysis, and have extensive experience in applying such software in evaluation contexts. Applied data collection, strong statistical skills, and proficiency in applying quantitative models to complex settings are a must. S/he should be able to demonstrate her/his familiarity with state-of-the-art approaches and be able to provide proof of these technical skills in her/his past work experience. As part of a strong team, s/he will also be responsible for supporting the IEU's external relations strategy, in particular by supporting the development and dissemination of key messages to be conveyed to partners and stakeholders internal and external of the Green Climate Fund. The Junior Researcher should have a keen instinct to learn and develop skills that they may not have at the onset of the role.

Duties and Responsibilities
Purpose

- Ensure consistent high-quality analytical support for policy, evaluation, learning and synthesis papers and related products, including but not limited to, evaluation policy, evidence gap maps, thematic and strategic evaluations;
- Conducting independently data analysis for exploration and validation data analysis statistics, GIS and survey related support to the team including using and reliability of different techniques and supporting the team; identifying trends and patterns in internal and external data; conducting data exploration and validation using variety of data analysis tools, GIS and survey tools; visualize intermediate and final results; communicate in writing insights and findings;
- Execute independently survey design and facilitate data collection (online, phone interview or field data collection); provide data and GIS support to evaluation team and other IEU workstreams as necessary;
- Conduct qualitative and quantitative data analysis and extraction, assure quality of data-related outputs in IEU;
- Clearly communicate data and GIS analysis results: both as data visualizations and in written; and
- Ability to spot and troubleshoot problems in data collection, analyses, and reporting and be willing to deal with tasks both at headquarters and in the field.

Engagement

- Identify issues and operational factors which impact consistent delivery on objectives set in IEU's work plan; advise on possible remedial approaches to sustain and advance quality;
- Inform process owners on experience based improvement opportunities for data and evaluation process refinement;
- Engage with consultants, experts and stakeholder groups for surveys both on- and offline, (phone) interviews and other types of data collection;
- Undertake basic tasks such as data extraction, general evaluation support and also working with consultants and interns for this purpose as well as to do sophisticated analyses;
- Provide support to oversight and coordination of relevant documents internally up to the point of publication;
- Deliver background support to IEU's external consultant projects, including initial screening and review of project/programme funding proposals and concept notes, interactions with accredited entities in bilateral meetings, preparation of assessment findings, maintenance of the operations database;
- Support any additional analytical and operational tasks as assigned by the IEU; and
- Perform other related duties and willing to travel, as required.

Delivery

- Deliver high-quality analysis, maps and perform quality assurance for evaluations and other output products of the IEU in the field and at headquarters;
- Provide organizational and substantive support for GCF Board meetings and other events and meetings related to the functioning of the IEU, for example assisting in the preparation of relevant documentation, taking meeting minutes, preparing summaries of discussions, meeting reports, drafting agreements and other legal documentation; and
- Ensure lessons learnt from ongoing and past evaluations are identified and implemented.

Required Experience and Qualifications*

- Bachelor's Degree in mathematics, statistics, GIS, geography, applied statistics, or related fields. A master's degree would be a distinct advantage;

- At least seven years of relevant work experience in a professional capacity, such as experience in the climate change, development and economic sector, within an international organization, development agency, governmental, private sector or non-profit sector;
- Proven track record in data collection, analysis, and statistical skills for assessment and evaluation work. Full proficiency in applying technical skills in complex settings beyond your formal training;
- Proven track record in GIS, including spatial data acquisition, spatial analysis and modeling, static and interactive map development; hands-on experience with context-related satellite and other open data;
- Proven track record in applying data collection and statistical skills for assessment and evaluation work. Full proficiency in applying econometric models to complex settings, beyond your formal training, is a must;
- Proven track record in the application of statistical software packages (STATA, R and GIS software such as ArcInfo and/or ArcGIS, etc.) for evaluation project work;
- Proven track record in data management and analysis in relevant development and environmental projects, including field experience and experience with larger panel datasets;
- Good knowledge of IEU's work plans and evaluations;
- Excellent analyses and data handling skills with the mastery of quantitative, qualitative and mixed methods analysis;
- Strong competence, proficiency and full autonomy in the use of standard statistical software for quantitative analysis, such as STATA, SPSS, R, ArcGIS, QGIS and spatial data management software; fluency in Google Earth Engine is a plus;Suitability to undertake the responsibilities mentioned above at the required level, with the following: (a) Proven application of expertise, knowledge within the area of evaluation and data analysis, (b) A team player with a proactive and can-do attitude.
- Ability to articulate complex issues verbally and in writing in a concise manner;
- Experience in an international setting, and ability to work independently and take initiative in response to the IEU's needs;
- Ability to support the establishment and maintaining relationships with key partners – including but not limited to the ability to represent the unit and interface effectively with stakeholders;
- Exceptional organizational skills, ability to facilitate communication between various levels of management and work independently in order to meet deadlines, ability to multi-task and pay close attention to detail;
- Willingness to cooperate with other staff in a team and contribute to a harmonious environment is essential;
- Experience of establishing strong working relationships with colleagues from different functions and cultures. Proven ability to work innovatively within a team environment;
- Mature judgment and absolute commitment to confidentiality;
- Familiarity with climate change topics, public health, and international politics is desirable;
- Excellent communication skills and high emotional quotient;
- Strong competence and professional autonomy in the use of standard software programmes: Excel, Word, PowerPoint, Outlook, and Access;
- Fluency in French and/or Spanish would be considered an advantage;
- Proven ability to multi-task and deal with high-stress situations;
- Please share examples of GIS and data work competed by you.

Please use this link to apply: https://jobs.greenclimate.fund/job/Korea-%28KOR%29-Evaluation-Researcher-GIS-and-Data/656639101/

* The person assessed by the Selection Panel as most suitable for the position will be proposed for appointment. Selection among short-listed candidates will also take into account performance at interview, appropriate testing, and references. Applications from women and nationals of developing countries are strongly encouraged.