IESR Vacancy
GIS Analyst

Background

Institute for Essential Services Reform (IESR), a think tank in energy and environment, aims to transform Indonesia's energy sector to reach net-zero emissions by 2050. The GIS analyst will be responsible for conducting geospatial analysis and generating knowledge products that are relevant to the challenges of Indonesia's energy transition. The results of the analyst's work will be communicated to relevant stakeholders as part of the IESR's advocacy for the energy transition in Indonesia.

About the Position

IESR is looking for a GIS Analyst. The person in this position will be part of the IESR's analyst team and will contribute to the evidence-building and advocacy process of IESR. The person is responsible in conducting geospatial analysis to support various research projects, including renewable energy potential mapping and emissions mapping.

IESR is seeking a highly motivated, experienced, and qualified candidate to join our dynamic team.

A. Responsibilities and Tasks

The responsibilities of the GIS Analyst shall include, but not limited to, the following:

- Conduct geospatial analysis to support IESR research and advocacy works (e.g. renewable energy mapping, emissions mapping, etc.)
- Contribute to the writing/production of related knowledge products (i.e. research reports, policy briefs, webtools, infographics, slide decks, etc.)
- Generate maps and visualizations of geospatial datasets for use in knowledge products
- Collect, compile, and build geospatial database as basis and support for the research reports

B. Qualifications, competencies and experience

- Minimum Bachelor's in the field of geography, geoscience, environmental science, engineering, or other relevant discipline from reputable universities with 2 years experience. Master's degree or above is preferable.
- Minimum 2 years of working experience in geospatial analysis using a range of GIS software (e.g. ArcGIS, QGIS, etc.)
- Familiarity with web-based maps and open source maps
- Understanding of climate, energy, and environmental issues is an advantage
- Familiarity with spatial modelling under Phyton programming language is an advantage
- Knowledge in the use of Machine Learning for geospatial analysis is an advantage
- Experience in the use of geospatial analysis for renewable resources and/or emissions mapping is an advantage
- Excellent written and oral knowledge of Bahasa Indonesia and English, including the ability to write a report/technical/briefing/policy paper
- Ability to work in an intercultural environment
- Willingness to learn and adaptability for new and relevant knowledge
- Excellent time-management skills

C. Duration

Three years contract, can be extended with 3 months' probation. Expected starting date is May 2024.

D. Salary

The salary will be commensurate with the candidate's qualifications and experience.

E. How to apply

- Candidate to download application from IESR's website.
- Send the completed application form together with an application letter and latest CV, recommendation letter to hrd@iesr.or.id before April 30nd, 2024
- Only qualified candidate will be called for interviews.