The project "*Sustainable Mitigation through AWD+ for Rice Systems Transformation in Thailand (SMART AWD+)*" is implemented by GIZ International Services (InS), in close collaboration with the GIZ country office in Bangkok. The project aims to deliver scalable greenhouse gas emission reductions in the Thai rice sector by promoting the large-scale adoption of Alternate Wetting and Drying (AWD) and other climate-smart agriculture practices, thereby supporting a transition away from conventional continuously flooded rice systems. It is designed to reach approximately 30,000 farmers and generate around 1.1 million Internationally Transferred Mitigation Outcomes (ITMOs) by 2030 through a results-based financing approach. The project is commissioned by the KliK Foundation and implemented under Article 6.2 of the Paris Agreement, in line with the bilateral agreement between Switzerland and Thailand signed in 2022, contributing to the mobilisation of climate finance while supporting large-scale sustainable agricultural transformation.

We are looking for a **MRV, GIS and Digital Systems Junior Specialist** to support the project "Sustainable Mitigation through AWD+ for Rice Systems Transformation in Thailand (SMART AWD+)", implemented by GIZ International Services (InS).
Job highlights:

- Job with purpose: Work for a paradigm shift in Thai rice farming to achieve ambitious climate targets
- Pioneering topics: Contribute to the monitoring, reporting and verification of one of the largest rice mitigation activities in the region
- Dynamic team: Join an international and dedicated team working with field data, geospatial analysis and digital monitoring tools

The MRV and GIS Junior Specialist will be based in the Bangkok office and will carry out the tasks outlined below, under the guidance of senior technical staff and the guidance of the lead MRV officer.

Responsibilities

MRV support:

- Support the implementation of the project's monitoring, reporting and verification (MRV) system, including the collection, entry and management of field and farmer data in the digital monitoring system,
- Perform quality assurance and quality control (QA/QC) checks on data submitted by the field teams, identify gaps and inconsistencies and follow up on corrections,
- Support the preparation of monitoring reports and supporting documentation required for validation and verification processes,
- Support the documentation of MRV procedures, data flows and data management protocols,
- Support trainings for field staff on data collection protocols, monitoring tools and data quality requirements.

GIS and geospatial data management:

- Manage the project's geospatial datasets, including field boundaries, project area maps and related attribute data in KML shapefiles, especially at entry points (collection of geodata from stakeholders and farmers, or from data bases)
- Digitise, clean and validate field polygons and maintain version control of geospatial data layers,
- Produce maps and geospatial analyses to support project planning, monitoring and reporting,
- Support the use of remote sensing data for monitoring rice cultivation and water management practices, in cooperation with technical partners,
- Support the integration of geospatial data with the project's farmer database and digital monitoring system.

Coordination and knowledge management:

- Coordinate with field teams, technical partners and service providers on data collection, data transfer and data quality matters,
- Contribute to the continuous improvement of monitoring tools and data management workflows,
- Perform other duties and tasks as assigned by the management and required by the team.

Qualifications:

- Have rights to work in Thailand without any restrictions,
- Bachelor's degree in a relevant field, e.g., geoinformatics, geography, remote sensing, environmental science, agriculture, or a related discipline,
- At least 1-2 years of relevant professional experience in GIS, geospatial data management or environmental/agricultural monitoring; internships and thesis work with a strong practical component may be considered,
- Solid working knowledge of GIS software such as QGIS or ArcGIS, including digitising, spatial analysis and map production,
- Experience handling field data and databases; familiarity with mobile data collection tools is an advantage,
- Familiarity with MRV concepts, greenhouse gas accounting or carbon market mechanisms is a strong asset,
- Knowledge of rice cultivation, Alternate Wetting and Drying (AWD) or agricultural water management is an asset,
- Basic skills in Python, R or remote sensing platforms (e.g., Google Earth Engine) are an advantage,
- Good command of the Thai and English languages, both in writing and orally,
- Excellent command of MS Office package (Word, Excel and PowerPoint) and Microsoft Teams.

Personal attributes and competencies:

- Strong attention to detail and accuracy in data handling,
- Analytical and structured way of working,
- Ability to work independently and in a team,
- Willingness to travel occasionally to the field offices and project areas,
- Self-motivated, flexible and resourceful, with a willingness to learn,
- Interest and desire to work in a cross-cultural context, climate change mitigation and sustainable agriculture.
- Have full right to work in Thailand without restriction

Duty station and timeframe:

The position will be based in Bangkok and will report to the Team Lead. This will be a fixed-term contract, starting as soon as possible and running for one year, with the possibility of extension.

Please carefully read this announcement and submit a CV AND a cover letter in English or Thai to aroonratt.soontonbura@giz.de

The deadline for applications is 4th November 2026. Only shortlisted candidates will be contacted.

GIZ Thailand is an equal opportunity employer and actively encourages gender diversity within the company and operations.

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https://www.giz.de/en/html/index.html
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