



Republic of the Philippines
Office of the President
Philippine Space Agency



Project Technical Officer I

Status: Contract of Service

Monthly Salary: Php 85,813.20 (*inclusive of 20% premium*)

Item Code: COS-PTO1-148

Division: Space Data Mobilization and Applications Division

Required Qualification:

Education: Bachelor's degree or Master's degree in Geomatics/Geodetic Engineering, Geography, Computer Science, or related fields

Experience: 3 years of relevant experience

Training: 16 hours of relevant training

Eligibility: None required

Competencies:

- Project management: Demonstrates expertise in managing multiple projects.
- Technical guidance: Provides guidance to the team in Earth Observation data processing and other technical matters.

Duties and Responsibilities:

- 1) Assist in integrating and coordinating research activities of the division;
- 2) Assist in the review and evaluation the status reports of on-going research projects;
- 3) Assist in the implementation of quality assessment and processing techniques for optical, radar, and other earth observation data;
- 4) Assist in the implementation of scientific research and development using Earth Observation (EO) Data;
- 5) Provide guidance in the development of processing techniques for EO data and their various applications together with other data sets;
- 6) Provide guidance in the development and implementation of Artificial Intelligence (AI) models for EO data;
- 7) Assist in the implementation of data gathering and validation activities for EO-derived products;
- 8) Facilitate the development of geospatial automation techniques to operationalize the production of EO products;
- 9) Contribute to the production of research papers on optical and radar remote sensing as well as on using AI with remote sensing for submission to journals and conferences;
- 10) Conduct and participate in PhilSA-related programs, projects, and activities; and
- 11) Perform other duties of a regular or special nature as may be assigned from time to time.



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