



## **Science Research Specialist II**

Salary Grade: 16

Item Number: PHILSAB-SRAS2-15-2020

Division: Space Mission Control and Operations Division

### **Minimum Qualification Standards:**

Education: Bachelor's degree relevant to the job

Experience: 1 year of relevant experience

Training: 4 hours of relevant training

Eligibility: Career Service (Professional) / Second Level Eligibility

### **Duties and Responsibilities:**

- 1) Contribute to the data processing of satellite image data from sovereign satellites (Diwata-2 and NovaSAR-1) and other satellites PhilSA and its external partners intend to use;
- 2) Contribute to providing open-source satellite data (i.e. Sentinel, Landsat) and commercial satellites for distribution to partner agencies and institutions;
- 3) Assist in the mission planning of Diwata-2 and NovaSAR-1 and future satellites. Contribute in processing satellite data requests and analysis of satellite health data for satellites that PhilSA controls; Track and evaluate images acquired and downloaded;
- 4) Contribute to the daily operations of the Space Mission Control and Operations Division (SMCOD) such as communication with data end-users, maintenance of data records, implementation of the satellite data workflow and pre-processing, assessment, and calibration of satellite images;
- 5) Report to the assigned supervisor and management all the accomplishments and progress on the assigned tasks;
- 6) Contribute to the implementation of scientific research and development using optical and radar earth observation data;
- 7) Contribute to the development of geospatial automation techniques to operationalize the production of derived products using earth observation data;
- 8) Contribute to the coordination activities for soliciting stakeholder, optical, and radar data product requirements;
- 9) Implement quality assessment and pre-processing techniques for optical and radar earth observation data;
- 10) Conduct directed R&D activities and disseminate results through presentations and publications;
- 11) Participate in project and PhilSA-related events and activities;
- 12) Assist with administrative functions of the division such as, but not limited to, providing inputs to financial requirements, planning of activities, coordination with stakeholders among others;
- 13) Assist in the preparation of reports, presentation materials, and associated data and information;
- 14) Perform other duties of a regular or special nature as may be assigned from time to time.

### **Applicants who have all or any of the following background are encouraged to apply:**

#### **Educational background:**

- Graduate of Geodetic Engineering, Physics/Applied Physics or related courses

Experience Background:

- Minimum of one (1) year experience in satellite data processing;
- Minimum of one (1) year experience in using commercial satellite data platforms;
- Experience in satellite mission planning.

Competencies:

- Teamwork/collaboration;
- Effective communication skills;
- Demonstrated intermediate level of integrity, problem solving and decision making, planning and delivery, and managing information.



You may Scan this QR Code or Access the link below to build your PhilSA Application Profile

<https://bit.ly/3QndkP3>