



Senior Science Research Specialist

Salary Grade: 19

Item Number: PHILSAB-SRSRS-21-2020

Division: Earth Sciences Space Mission Studies Division
(Atmospheric Space Sciences Section)

Minimum Qualification Standards:

Education: Bachelor's degree relevant to the job

Experience: 2 years of relevant experience

Training: 8 hours of relevant training

Eligibility: Career Service Professional / Second Level Eligibility

Duties and Responsibilities:

1. Under general supervision, assist in the direction, supervision and programming of activities under the Division with focus on the atmospheric and hydrospheric science space missions for weather and climate studies as well as environmental studies (i.e. air quality, greenhouse gases and other atmospheric emissions);
2. Assume primary responsibility in the implementation of key outputs related to atmospheric and hydrospheric science space missions relevant to weather, climate and environmental studies;
3. Develop mission concepts and define mission objectives and key parameters for atmospheric and hydrospheric science space missions;
4. Provide leadership in developing algorithms for remote sensing product development and in conducting testing, calibration and field validation of derived products;
5. Ensure the correctness of the technical specifications of goods and services for procurement;
6. Represent the Division in meetings, negotiations, conferences, seminars and other intersectoral or interagency cooperative efforts for matters that can be resolved at his/her level;
7. Perform administrative functions for the Division as may be required, such as but not limited to evaluating performances of subordinates, providing inputs to financial requirements, planning of activities, coordination with stakeholders among others; and
8. 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:

- Master's degree in the Natural Sciences such as Meteorology, Environmental Science, Earth Science, Physics, Marine Science, Biology, Chemistry, or related fields.

Experience:

- Involvement in research and development projects and led a team of researchers;
- Presentation in national or international conference;
- Publication of research outputs in peer-reviewed journal;
- Organized field campaigns; and
- Engagement with government agencies, private institutions, international organizations, or other stakeholders.

Competencies:

- Excellent programming skills (e.g. Python, Matlab, etc.)
- Excellent written and verbal communication skills



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