

PhD Scholarship Opportunities at CRISP & NUS STAR Centre (Jan 2027 Intake)

The Centre for Remote Imaging Sensing and Processing (CRISP) in partnership with the Satellite Technology and Research (STAR) Centre at NUS is seeking motivated PhD candidates to join our remote sensing and space technology research team.

Research topics include:

Satellite Remote Sensing of Land:

- Vegetation and Ecosystem Studies
- Land Surface Processes
- Land Cover Land Use & Change Detection
- SAR & LIDAR for Terrain and Biomass

Ocean Remote Sensing:

- Ocean Color / Coastal and Shallow waters
- Optical & SAR for Ocean Observables
- Satellite Oceanography: Physical Processes
- Oceanic Climatological Drivers

Remote Sensing of the Atmosphere:

- Atmospheric Radiative Transfer
- Aerosols & Air Quality
- Satellite Meteorology and Climate
- Atmospheric Chemistry/Atmospheric Modeling

Cross-Domain /Interdisciplinary Topics:

- Earth System Data Assimilation
- Multi-Sensor & Multi-Domain Data Fusion
- Advanced Topics in AI and Machine Learning
- Satellite Sensor Design, Calibration and Validation

Prospective candidates with a sound background in Science (Physics, Math, Astronomy), Engineering (Electrical, Environmental, Chemical, Computing) or related disciplines and a passion for advancing remote sensing, environmental science and space technology are welcome to apply.

Interested candidates contact Dr. Santo V. Salinas (crsscvs@nus.edu.sg), please include a brief CV (max. 2 pages), academic transcripts and a letter stating your personal motivation for joining this program and state your preferred areas of research.

Scholarship opportunities are available, including but not limited to the NUS Research Scholarship . For more information, please visit the NUS Graduate School scholarship webpage: <https://nusgs.nus.edu.sg/scholarships/>

Prospective candidates to express interest before 28 Aug 2026.