

Graduate (Or Future Graduate) Student Opportunity at South Dakota State University in Brookings, SD:

Work with SDSU, USGS and NASA scientists on the Landsat Data Continuity Mission. Funding is available for a graduate level student to work in the Image Processing Laboratory at South Dakota State University in Brookings, SD. Projects are available in both visible and thermal infrared satellite remote sensing of the Earth with a focus on instrument calibration and characterization using pre- and post-launch test imagery, as well as simulated instrument data sets. Interests should lie in the correction of remote sensing imagery for artifacts due to instrument focal plane anomalies. The Image Processing lab focuses on satellite radiometry of Landsat and other satellite systems. Radiometric calibration of satellites involves characterization and correction of systematic degradations affecting imagery, allowing users to extract more information from remotely sensed data. Students with an undergraduate degree in physics, optical engineering, electrical engineering, computer sciences or related fields are encouraged to apply. Candidate must be a United States citizen or green card holder.

For further information, please contact michele.kuester@sdstate.edu.