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GGE Team Explores Complex Earth, Sun Relationship

The Earth and the sun have had an extremely long and complex relationship.

Now, experts at the University of New Brunswick in Fredericton will play a pivotal role in helping create profiles for new data sources to understand the age-old complexity.

Researchers at UNBF are developing a Global Positioning System (GPS) instrument designed for Cassiope, Canada's first multi-purpose satellite. The dual mission satellite will be used to test extremely wide bandwidth communications techniques while collecting a wealth of scientific data to study the Earth's atmosphere.

Richard Langley of the department of geodesy and geomatics engineering is leading the UNBF team, which includes research associate Donghyun Kim and graduate student Chungshin Kang. They are working closely with Bristol Aerospace of Winnipeg to develop the instrument know as GPS Attitude and Profiling (GAP).

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