



**ASIA-PACIFIC**  
SPATIAL EXCELLENCE AWARDS

2018  
**UNDERGRADUATE  
STUDENT  
AWARD**

## **NATIONAL WINNER**

### **Scott Johnson**

Scott Johnson's undergraduate project on the accuracy and precision of multiple GNSS partnerships was the first of its kind in Australia. It has significant relevance to current issues and initiatives within the spatial information profession as precise positioning is further embedded in everyday activities.

Our judges were impressed with the pioneering nature of this research and Scott's initiative in developing new techniques to collect the appropriate data to meet his research objectives.

Scott demonstrated impressive technical skill in gathering technical data through field methods and equipment. He simultaneously logged data from adjacent rovers to increase redundancy and the repeatability of results. He also submitted data for post-processing via AUSPOS, and manipulated RTK data to best reflect typical field data collection methods.

The judges also commended Scott for contributing results and information that will help the spatial profession develop a deeper understanding of the positional services currently available. Scott's extensive data sets and repeatable methods have facilitated future research into the use of various GNSS partnerships and will provide a foundation for continued research in the field.

For his work, Scott received the highest possible grade - a high distinction - at his university, the University of Southern Queensland, and was awarded the SSSI Queensland Centenary Prize for 2017.

Scott now works within the Queensland State Department of Natural Resources, Mines and Energy.

