

## **New Earth Observation Capabilities for The Commercial Sector**

William L. Stefanov, Astromaterials Research and Exploration Science Division, Exploration Integration Science Directorate, NASA Johnson Space Center, Houston, Texas 77058; [william.l.stefanov@nasa.gov](mailto:william.l.stefanov@nasa.gov)

### **Abstract**

Earth observation data collected from orbital remote sensing systems are becoming increasingly critical to the short- and long-term operations of many commercial industries including agriculture, energy exploration, environmental management, transportation, and urban planning and operations. In this panel, I will present an overview of current and planned NASA remote sensing systems for Earth observation with relevance to commercial and industrial applications. Special emphasis will be given to the International Space Station (ISS) as a platform for both commercial technology demonstration/development and operational data collection through the ISS National Laboratory.