# PDS 4 Talking Points

- What is PDS 4 / PDS 2010?
  - A transition from a 20-year-old collection of standards and tools to a modern system constructed using best practices for data system development.
  - Fewer, simpler, and more rigorously defined formats for science data products.
  - Use of XML, a well-supported international standard, for data product labeling, validation, and searching.
  - A hierarchy of data dictionaries built to the ISO 11179 standard, designed to increase flexibility, enable complex searches, and make it easier to share data internationally.