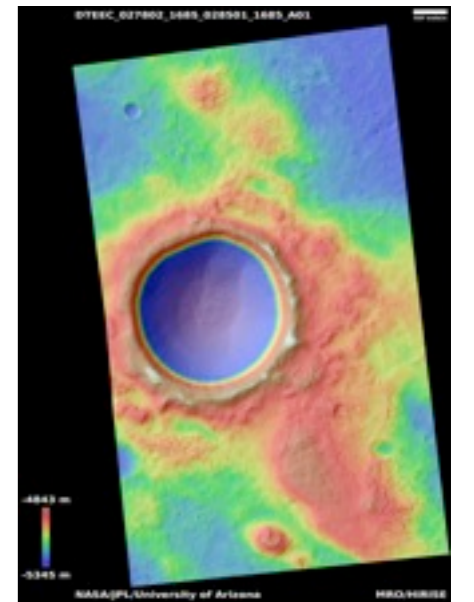
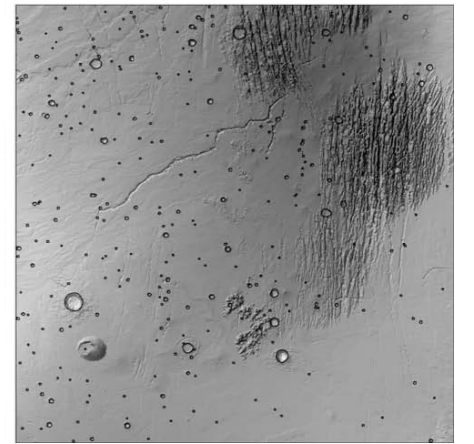
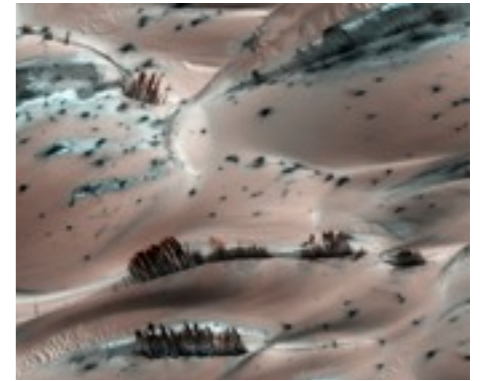


Data Science Challenges for Planetary Science

Tools for large image dataset treatment:

1. global scale mosaic visualisation+GIS tools
2. stereoscopy to create DEM
3. change detection (crater, dust devils, dune, ...)
4. automatic feature identification



Data Science Challenges for Planetary Science

Tools for complex dataset (multi-angular hyperspectral) treatment:

- Radiative transfer inversion (bayesian technique)
 - estimation of surface/atmosphere properties
- How to represent the data (global map, wavelength, angles, time) ?

