

6. **Explain** why wet sand appears darker (has a lower albedo) than dry sand.

7. Familiarize yourself with some publicly available terrestrial data and the sensors that acquire them. Some sites to start with include:

- <http://science.nasa.gov/earth-science/missions/>
- <https://earth.esa.int/web/guest/missions/esa-operational-eo-missions>
- <http://earthexplorer.usgs.gov/>

Now, using these and other websites, investigate the technical (performance) specifications of Landsat 7 vs. SPOT-5, two commonly used surface remote sensing instruments. Regarding resolution and coverage, what are advantages and disadvantages of each? Describe an application for each satellite for which it is clearly more appropriate than the other.