SMAP
Soil Moisture Active Passive

For 3 years, every 3 days, 2 instruments will provide global measurements of soil moisture and its freeze/thaw state.

Why do we care?
Soil moisture impacts:
- Weather
- Seasonal Forecasting
- Drought
- Climate Change
- Disease Control
- Water Cycle
- Foods

What will it do?
With only 1 radar, 1 radiometer, and 1 twenty foot spinning antenna, SMAP will answer:
1. How wet the Earth is?
2. How much earth is frozen?

When will it launch?
When: NET January 29, 2015
Where: Vandenberg AFB, CA
How: Delta II Rocket
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