Energy and Climate Session **[1]**

Submitted by erinmr on Thu, 2014-05-01 16:14   Thursday, July 10, 2014 - 14:00 to 15:30
Event: Winter Meeting 2014 [2]
Session Type: Breakout [3]
Abstract/Agenda: Rationale

The Group on Earth Observations (GEO) has recognized Energy as one of its nine societal benefit areas. GEO seeks to increase the use of energy-related Earth observations in support of energy operations, as well as energy policy planning and implementation. The GEO work plan supports cross-agency activities in support of this strategic target. This session examines both current activities and future prospects supporting the development of Earth observation products and services for energy and geo-resources management in the US, as well as in other developing and developed countries. ESIP is ideally suited to support activities that address increased data accessibility.

Given the ESIP summer meeting's Colorado venue, it would be beneficial to draw on nearby front-range research and applications activities, in addition to other projects.

Suggested speakers

1. Paul Stackhouse (or designee), NASA Langley: Web-based GIS tools for internet and mobile devices to improve and expand the accessibility of NASA data for the renewable energy and agricultural applications
2. Nate Blair (or designee), NREL: Title to be determined (NREL's role in addressing end-user renewable energy decision support and/or Peter Lilienthal, HOMER Energy [HOMER is a private company that markets a distributed energy optimization decision support system, originally developed by NREL]
3. Sue Haupt, NCAR: Solar and wind energy forecasting – public & private partnerships
4. Melinda Marquis (or designee), NOAA ESRL, NOAA's role in renewable energy

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