

ESIP Winter Meeting 2018



Geosemantics Symposium

hosted by the ESIP Semantic Technology Committee

WiFi Access

Network: Marriott_Conference

Password: [earthscience](#)

Sched Details

- Monday January 8, 2018 8:30am - 5:00pm
Glen Echo
- Remote Participation Link
<https://global.gotomeeting.com/join/172391781>
- Remote Participation Phone #
+1 (646) 749-3122
- Remote Participation Access Code
172-391-781

Goals:

- Bring the geoscience community together to explore the potential of semantic technologies to support Earth science research
 - Find out how semantic technologies are being used in geoscience and other science communities
 - Learn about semantic tools, techniques and platforms, and how to use them
 - Discover opportunities for collaboration
 - Develop a roadmap for fully leveraging semantic technologies for geoscience

Our theme this year is practical applications of semantics and ontologies, with a special subtopic on the role of semantic technologies in artificial intelligence

Agenda

Morning sessions: The morning sessions feature short presentations on semantic technology projects around the Earth science and health science communities. Our fabulous line-up of speakers will give you a brief overview of their projects, which range from ontology development and maintenance to machine learning and AI techniques.

Agenda

Afternoon sessions: In the afternoon, many of the speakers from the morning sessions, as well as some new presenters, will provide an in-depth look at their projects and the tools and platforms they work with. For these workshop sessions, we'll split into smaller groups, with three workshops being given during each 45 minute session. Each workshop will be given twice, so if 2 workshops interest you but are at the same time, you can still participate in both.

Agenda

Discussion: During the last 45 minute session, we'll have a group discussion on developing a semantic technology roadmap for Earth science.

If time permits, we will discuss the relevancy of the content on the Semantic Technologies wiki page in particular

- *Current Projects and Collaborations, and*
- *Semantic Technologies Strategic Vision*

Relevant Semantics Sessions @ESIP

- **Tuesday, January 9 • 2:00pm - 3:30pm**
Visioning a Software Tools Framework & Workflow for near-End-to-End Sensor Data Management <http://sched.co/D6DG>
- **Tuesday, January 9 • 4:00pm - 5:30pm**
ESIP Lab Overview and Community PROV Challenge Report Out <http://sched.co/D6CF>
- **Wednesday, January 10 • 2:30pm - 4:00pm**
Joint session between the Semantic Web cluster and Drone Cluster: Applying semantic tech to sUAS data <http://sched.co/D6DQ>
- **Wednesday, January 10 • 2:30pm - 4:00pm**
Enhancing discovery and use of climate resilience solutions through provenance, text analytics, visualization, and semantics <http://sched.co/D6Dc>
- **Wednesday, January 10 • 4:30pm - 6:00pm**
SWEET Ontology Suite v3: Development, Alignments and Use Cases <http://sched.co/D6Dh>
- **Thursday, January 11 • 9:00am - 10:30am**
Linking Knowledge Across Earth Science and Sustainable Development: Connecting ESIP Semantic Technology to the UN SDGs <http://sched.co/D6De>
- **Thursday, January 11 • 1:30pm - 3:00pm** Shared Vocabularies Facilitate Data Use <http://sched.co/D6DY>
- **Thursday, January 11 • 1:30pm - 3:00pm**
Semantic Technology Committee Business Meeting <http://sched.co/D6D8>
- **Thursday, January 11 • 3:30pm - 5:00pm** COR Developer Workshop <http://sched.co/D6oC>

Acknowledgements

We are grateful to ESIP for their generous financial and logistical support, including

- Coffee breaks at 10am and 2:15pm
- Boxed lunch
- Venue and technical accommodations

Annie and Dan Keyes, you're the best!

If you're not already a member, please consider joining the ESIP Semantic Technology Committee

[http://wiki.esipfed.org/index.php/
Semantic Technologies](http://wiki.esipfed.org/index.php/Semantic_Technologies)

Finally... Feedback

Feedback on today's content is extremely valuable. The aim is to continue the Geosemantics Symposium as a co-located, pre-ESIP Winter event for the foreseeable future. Without your criticisms we cannot make the event useful and relevant for attendees.

Please give your feedback on SCHED - <http://sched.co/DIBG> under *What did you think?*

Additionally, please speak or email Beth+/Lewis