

ESIP Winter Meeting 2018

# Geosemantics Symposium

hosted by the ESIP Semantic Technology Committee

WiFi Access

Network: Marriott\_Conference

Password: [earthscience](#)

# 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.

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**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.

# 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)