

ESIP MEETING July 2024

July 22-26, 2024
Asheville, NC & online
esipfed.org/meetings

Grounded in Trust: **Data Ethics** Empower Collaboration

Towards coordinating semantic resources in Earth, environmental and planetary sciences

Friday, July 26 • 9:00am - 10:30am

More info & slides on Sched Session Page: <https://sched.co/1eVQY>

Description

This session will be a place to initiate a broader discussion on how developers, and other stakeholders use and reuse currently available, but disparate, semantic resources. Are there a "core" set of Earth, environmental and planetary science terms available for reuse? What are the patterns for development and reuse? We may discuss how best to align certain resources, but equally, if not more, important is establishing best practices for development, use and reuse of a myriad of engineered artifacts.

Attendance & Check in

Add your Name / affiliation / pronouns / location / add optional prompt/question

- Brandon Whitehead / University of Florida / he, him / Palmerston North
- Jiyin Zhang / University of Idaho / Moscow, ID
- Ruth Duerr / Ronin Institute / metro Denver
- Teddie Gelabert / NASA (SSAI) / she-her / Greenbelt
- Wendy Edwards / NASA (SSAI) / she-her / Greenbelt
- Anne Thessen / UNC chapel Hill
- Noriko Shoji / NOAA Fisheries / she, her / Seattle, WA
- Terri Velliquette / ORNL / she,her / Oak Ridge, TN
- Stephanie M Wingo / NASA IMPACT/ADMG / UAH/ she, her / Huntsville, AL
- John Graybeal / GO FAIR US / Mountain View, CA
- Amy Vandergast/USGS/she-her/San Diego, CA
- Tyler Stevens/EED-3, NASA GCMD/Maryland
- Marshall Ma / University of Idaho.
- Lucy Bastin, Aston University, UK
- Christine Laney, NEON, she/her, Boulder CO
- Michelle Chrzanowski / NASA (ARES) / she-her / Hampton, VA

Thanks for joining us!
[Community Participation Guidelines & Reporting](#)

2024 July ESIP Meeting Session Notes

Agenda

- .
- .
- .
- .

At session start:

- **Welcome**
 - Invite attendees to share their name/affiliation/location and any additional info you request in the Attendance & Check-in section above.
 - Assign any roles needed (additional notetakers, Zoom moderators, etc.)
- **State Session Goals**
 -

Resources for this session (upload to your session **folder** and link below)

-
- [NASA Thesaurus](#)
- [OBO Foundry Principles](#)
- [USGS Thesaurus](#)

Before session close:

- **Capture 3 Takeaways & Shared insights**
 - .
 - .
 - .
- **Closing**
 - Share any reminders about how to engage in the future.
 - Shout-outs & thanks.

Semantic mapping of synonyms and relationships across repos and domains - further discussion

Thanks for participating in #ESIP2024
Reach out to staff@esipfed.org with questions

Sign up for the weekly ESIP Update: esipfed.org/subscribe

2024 July ESIP Meeting Session Notes

I am interested (Lucy Bastin, l.bastin@aston.ac.uk). We have been identifying lists of 'equivalent' terms for the air quality domain but not sure on the most efficient tooling to capture this and make it reusable.

Christine Laney, claney@battelleecology.org - I am interested as I am in the beginning stage of mapping NEON terms (several thousand) to existing, mature vocabularies/ontologies. We have recently mapped the majority of our units (derived from EML) to QUDT. Interested in GCMD, Envo, EnvThes, and others. We have field observations as well as airborne and in situ sensor data. We do have some mappings to MlxS, DarwinCore, and the AmeriFlux vocabularies.

Michelle Chrzanowski, michelle.l.chrzanowski@nasa.gov - I am interested in collaborating further with anyone interested.

Bill Edwards-Bodmer, b.edwards-bodmer@nasa.gov

Ways to stay involved with ESIP

- Join the conversations on our [ESIP Slack Channel](#) and say hello on #general.
- Keep up with the latest from in and around ESIP by signing up for the [ESIP Update](#) or the mailing list of this group.
- Hop on the [ESIP Community Calendar](#) and join a Collaboration Area call that interests you - no need to RSVP!
- Share ideas and stay connected with the #EarthScienceData community on LinkedIn: Follow us [@Earth Science Information Partners \(ESIP\)](#)

Feedback

Please share your feedback on this session in [Sched](#).

Paste in Zoom Chat notes that you would like to save here

08:53:49 From Jiyin Zhang to Everyone:

@Kate Rose I have assigned you as the co-host, so you should be able to share the screen later.

08:54:33 From Kate Rose to Everyone:

Reacted to "@Kate Rose I have ..." with 👍

08:56:03 From Room 3-Podium to Everyone:

Thanks for participating in #ESIP2024

Reach out to staff@esipfed.org with questions

Sign up for the weekly ESIP Update: esipfed.org/subscribe

2024 July ESIP Meeting Session Notes

Hi Michelle

09:00:33 From Michelle Chrzanowski to Everyone:

Good morning!

09:06:04 From Jiyin Zhang to Everyone:

Please find the session note and slides in the drive:

<https://drive.google.com/drive/folders/1rBYQQ7P7krhboC1MsgYwL0aPMw-z0JFf>

09:09:43 From ruth duerr (ruth/ruth) to Everyone:

No heliophysics terms?

09:17:29 From Kate Rose to Everyone:

deprecate

09:17:42 From Teddie Gelabert (she, her) to Everyone:

Reacted to "deprecate" with 👍

09:23:47 From Stephanie Jarmak to Everyone:

Is there any collaboration with the unified astronomical thesaurus?

09:26:08 From Stephanie Jarmak to Everyone:

I work with the Science Explorer group funded by NASA (the expansion of the astrophysics data system to cover all NASA SMD disciplines) and we're very interested in figuring out ways to automatically tag indexed papers with appropriate keywords, so this is great work to see :)

09:26:22 From John Graybeal to Everyone:

Exciting about those plans!!

09:29:45 From Michelle Chrzanowski (NASA) to Everyone:

Replying to "I work with the Sc..."

I'd be happy to speak more with you about your work! I have been following what you have been doing as the ADS is one of our data partners. :)

09:31:31 From Stephanie Jarmak to Everyone:

Reacted to "I'd be happy to spea..." with ♥

09:32:02 From Michelle Chrzanowski (NASA) to Everyone:

If anyone has other questions please feel free to reach out to me at michelle.l.chrzanowski@nasa.gov.

09:32:37 From Stephanie Jarmak to Everyone:

Replying to "I work with the Scie..."

That would be great Michelle, I'll reach out to you via email to follow up 😊

09:33:11 From Michelle Chrzanowski (NASA) to Everyone:

Reacted to "That would be grea..." with ♥

09:42:57 From John Graybeal to Everyone:

+1 Kate about presentation of terms & COR improvements

09:45:04 From John Graybeal to Everyone:

Thanks for participating in #ESIP2024
Reach out to staff@esipfed.org with questions

Sign up for the weekly ESIP Update: esipfed.org/subscribe

2024 July ESIP Meeting Session Notes

@Kate Rose Awesome talk. Can you comment about your leaning-in approach to managing an important vocabulary resource, vs what I heard from 2 other NOAA people who said NOAA doesn't want to lean into vocabulary development and maintenance.

09:58:38 From Kate Rose to Everyone:

I love stratigraphy!

10:03:32 From Michelle Chrzanowski (NASA) to Everyone:

You are correct in that the original use case for the NASA Thesaurus was predominantly for search and retrieval, but it has been used by groups at NASA more recently as part of some AI/ML initiatives. So I definitely think our use cases could expand.

10:06:46 From Room 3-Podium to Everyone:

Reacted to "You are correct in t..." with 👍

10:24:00 From Michelle Chrzanowski (NASA) to Everyone:

Thnaks everyone!

10:24:14 From Room 3-Podium to Everyone:

thank you so much, Michelle!

Thanks for participating in #ESIP2024
Reach out to staff@esipfed.org with questions

Sign up for the weekly ESIP Update: esipfed.org/subscribe