



Values, Trust, and Transformation: Building the Future of Earth Science in an AI Era

Thursday, July 30, 2026 11:00am - 12:30pm CT

More info & slides on Sched Session Page:

<https://2026julyesipmeeting.sched.com/event/2OZtz/the-human-infrastructure-navigating-career-growth-and-resilience-in-earth-science>

This is an informal discussion of high-level topics that connect human values with AI development. Social science and AI.

Come participate, get a certification of completion!

1. Connecting social science with AI
2. Hear about career and collaboration opportunities

Outcomes:

For Research paper insights that inform best practices for AI application development and recruiting.

1. Preliminary insights from connecting social science with AI
2. Provide strategies to identify personal strengths, values, and actions that support growth.

Contact for being included on the paper, co-authored and acknowledged.

If you need a certificate of completion, contact session chair directly by email and esip spaces.

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

ESIP Meeting Session Notes

Ground Rules

- 1. Respect everyone's opinion and **privacy**;
- 2. Every opinion has **value**;
- 3. **Listen** attentively to everyone's point of view;
- 4. Remember, we are all **learning** together;

Attendance & Check in

Add your Name / affiliation / pronouns / Interested in a participation certificate Say Y/N?

- Larisa Schelkin/ESIP Education Committee/Global STEM Education Center/UNITAR
- Mac Borozan / University of Arizona / she-they /
- Joshua Birkebak / Oak Ridge National Lab/ He-him /
- Terri Velliquette / Oak Ridge National Lab / she/her / Oak Ridge, TN
- Carolina Berys / CCHDO, SIO
- Katherine Pitts / STC for NOAA/NESDIS/GEO Program Science / she, her / Y
- Colin Smith / Environmental Data Initiative / he-him / Seattle WA / Y
- Roland Schweitzer / NOAA/PMEL / roland.schweitzer@noaa.gov
- Nick Susemihl / Caltech/IPAC / they/them
- Chris Blanton / NOAA-GFDL
- Jake Zappala
- Matthew Mendoza

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**

EMPATHY
HUMOR

Thanks for participating in #ESIP2026
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RESOURCEFULNESS

HONESTY

INTEGRITY

COMPASSION

TRUST

ALTRUISM

EDUCATION

HONESTY

CREATIVITY

AUTHENTICITY

COMMUNITY

THOUGHTFULNESS

MINDFULNESS

CURIOSITY

AUTHENTICITY

COMMUNITY

RESPECT

CREATIVITY

COMMITMENT

FAMILY

CONFIDENCE

ANIMALS

Discussion

How our personal values map to the way we perceive and use AI

Nick & Sean

- Environmentalism and community - favoring local models over cloud (datacenter) models
- Vulnerability - acknowledge your own strengths and use powerful tools to enhance your abilities
- Creativity - AI usage reduces coding as a creative outlet but enables larger scale projects to move faster as creative outlets
- Patience - AI makes code a lot faster so patience isn't needed but is still needed to check AI results

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- Self-care - AI can make a job easier, give more competence/support, approaching challenges as an individual
- Integrity - Presenting AI results that are accurate and trustworthy, citing when AI is used
- Empathy - AI usage can replace human interaction

Althea & Colin

- A shared sense of using GenAI moves things faster and can feel like we are being pulled through, becoming less personally connected with the end result. This can accumulate and impact confidence, mental health, and our ability to speak to the results with authenticity and confidence.
- Creating a Statement of Intent ahead of time can help reorient us when we become lost in the AI flow, and help avoid things like:
 - False growth
 - Lack of curiosity

Chris and Roland:

Humor is a core value. AI is not funny.

Humor, empathy and relationships are all human qualities and it's not clear that AI facilitates those values.

AI is antithetical to our previous experience with the Internet as it relates to diving down a rabbit hole. Those experiences helped foster curiosity which AI seems to be stifling by spoon feeding us a response.

Sometimes the struggle to learn something is valuable. When Calvin's dad told him it builds character it was funny, but also a universal truth.

Others

Data standards and what it can mean now. How to guide?

Anxiety worry.

Disruption but maybe a good disruption?

Collaboration partner.

Performance , optimization, resources - metrics

Metrics - varying tiers to even identify how a document was written.

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Cite the info source so we know.

Empathy and AI agent persona.

Resources and AI - resources can be both ways.

Resources for this session

Upload to your session resources to the following link:

https://drive.google.com/drive/folders/1iz2sXqtDZ9dLsTN_blvbhevj0r2SZ7t9

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Before session close:

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

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 <https://2026julyesipmeeting.sched.com>.

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

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Gabby Brown | ESIP Fellow

Hi everyone - My name is Gabby, and I am the ESIP Community Fellow supporting today's session. We will begin in a couple of minutes. If you have any questions or comments, feel free to put them in the chat. Thank you!

Gabby Brown | ESIP Fellow

For the activity, we will have virtual participants join a breakout group. Please join when the breakout room is open!

Gabby Brown | ESIP Fellow

Feel free to raise your hand or use the chat if you are interested in participating in the discussion. Thank you!

Gabby Brown | ESIP Fellow

We will do the breakout room again. Please join to discuss when open!

Chris and Roland:

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