



ABOVE SCIENCE TEAM MEETING  
**ASTM 6**  
VIRTUAL MEETING  
June 1-4, 2020



Tag social media with: #NASA\_ABoVE



*We would like to begin by acknowledging that the circumpolar Arctic is the home to many different Indigenous Peoples. We are reminded of their deep connection to this region, and our role as researchers to work towards reconciliation with our Indigenous partners. Wherever you may be participating in ASTM6, please join us in honoring the place-based knowledge of Indigenous Peoples and recognizing their ancestral and contemporary stewardship of their homelands.*



- Meeting is being recorded
- Disconnect from NASA VPN (most of us are off email as consequence)
- Ask Questions via Q&A Platform (<http://tinyurl.com/ASTM6-questions>)
  - @ the speaker you're questioning
- Limited tech help: Chat to the host or email [support@cce.nasa.gov](mailto:support@cce.nasa.gov)
- In the event of a WebEx meltdown, standby for email instructions
- There will be a post-meeting evaluation survey for "Lessons Learned"
- Early Career Researcher Poster Session on Thursday 1PM EDT

| #SciComm Awards | #NASA_ABoVE                  |
|-----------------|------------------------------|
| Kyzviat et al   | Best Vertigo-inducing 3D DEM |
| Armstrong et al | Best Hair Allometry          |
| Hoy et al       | Best Field Assistants        |
| Pierrat et al   | Best Radiohead Cover         |
| Thompson et al  | Best Truck Dashboard Mascot  |
| Turner et al    | Best Canadian Fiddle Music   |





1:00 Welcome - Goals and expected outcomes; code of conduct; land acknowledgement Peter Griffith & Scott Goetz

1:15 HQ update Hank Margolis & Mike Falkowski

1:30 Phase 2 Progress Reports (7 minutes each) Moderator: Peter Griffith

- Sue Natali (TE 2014): Winter respiration in the Arctic: Constraining current and future estimates of CO<sub>2</sub> emissions during the non-growing season
- Chip Miller (TE 2018): Characterizing Microtopographic Hot-spots and Landscape-scale Methane Emissions Across the ABoVE Domain
- Lei Hu (TE 2018): Toward disentangling causes for the substantial increase of CO<sub>2</sub> seasonal amplitude in the Arctic
- David Butman (TE 2018): Crossing the divide: Inundation drives hotspots of carbon flux
- Josh Fisher (TE 2014) Extension: Reduction in Earth System Model Uncertainties for Arctic-Boreal Terrestrial Ecosystems with ABoVE Data
- David Moore (TE 2018): Improving mechanistic representation of Arctic carbon dynamics using data assimilation

2:30 Break

3:25 Return online

3:30 Session 2