



## Managing Soil Organic Carbon for Climate Change Mitigation - Part II

February 26 - March 1, 2024  
Overview Schedule

### Monday, February 26, 2024 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
8:00 - 8:30	Institute Opens - FREE THINK TIME	
8:30 - 9:00	Coffee and Refreshments at Keck Center Pick up badge and welcome packet, find seat in the Think Tank	
9:00 - 9:05	Welcome	Janet Seid
9:05 - 10:00	Workshop Logistics Participant Introductions	Michele Judd
10:00 - 10:30	Recap of Workshop #1: Way Forward and Study Vision, Goals, and Expectations for Workshop #2	Team Leads
10:30 - 11:00	Break	
11:00 - 12:00	Finalize Workshop Goals via Plenary Discussion	Team Leads
12:00 - 12:30	Brief Topic Framing Talk (12 mins + 3 mins) - Nitrous Oxide Flux - Ground Truth Soil Carbon Measurements	Phil Robertson Stephen Ogle
12:30 - 2:00	Group Picture and Lunch at the Athenaeum	
2:00 - 2:15	Rules for breakout groups Overview of breakout groups	Michele Judd Team Leads
2:15 - 3:45	Breakout #1: Topic: Identify the Technology/Data/Info that can <b>best be deployed now</b> to advance MRV. Suggest priority rankings (what is most valuable, most mature) and identify sources  Groups: Breakout Group #1: Remote Sensing (RS) Breakout Group #2: Modeling and Prediction (MOD) Breakout Group #3: Experiments/Ground Measurements (EXP)	All
3:45 - 4:15	Break	
4:15 - 5:00	Breakout Groups Report Out (10 mins each + 5 min QA)	Breakout Groups
5:00 - 5:30	Discuss draft of final report / paper	Team Leads
5:30 - 6:00	Pack up and walk to the Athenaeum Team Leads/KISS tag up	All KISS/Team Leads
6:00	Dinner at the Athenaeum	

**Tuesday, February 27, 2024 - Keck Center - Think Tank, Room 155**

Time	Event	Speaker
8:00 - 8:30	Institute Opens - FREE THINK TIME	
8:30 - 9:00	Enjoy coffee and refreshments in the Keck Center courtyard	
9:00 - 9:15	Logistics and Team Lead Goals for the Day	KISS Team Leads
9:15 - 10:00	USDA Update	Bill Hohenstein
10:00 - 10:30	Brief Topic Framing Talk (12 mins + 3 mins) - Remote Sensing Uncertainties - CARDAMOM - Model Data Assimilation	Nimrod Carmon Eren Bilir
10:30 - 11:00	Break	
11:00 - 11:15	Overview of Breakout Session #2	Team Leads
11:15 - 12:45	Breakout #2: Topic: Working off of the results of the previous breakout session, for the 'prioritized' technologies, <b>discuss the relative uncertainties</b> , how well are they quantified, what are the biggest limitations?  Groups: Breakout Group #1: Remote Sensing (RS) Breakout Group #2: Modeling and Prediction (MOD) Breakout Group #3: Experiments/Ground Measurements (EXP)	All
12:45 - 2:15	Free Time / Lunch on your own (or optionally stay in the courtyard and grab a bite to eat from KISS and keep collaborating!)	
2:15 - 3:00	Breakout Groups Report Out (10 mins each + 5 min Q+A)	Breakout Groups
3:00 - 3:15	Overview of Breakout Session #3	Team Leads
3:15	Grab something from the break table and head to your breakout session	
3:15 - 4:45	Breakout #3: Topic: For each WG and all of the technologies discussed to date, what are the priorities and achievable <b>short-term improvements</b> ; what are the <b>long-term (10 year) R&amp;D</b> that we think are achievable and worth promoting?  Groups: Breakout Group #1: Remote Sensing (RS) Breakout Group #2: Modeling (MOD) Breakout Group #3: Experiments/Ground Measurements (EXP)	All
4:45 - 5:30	Breakout Groups Report Out (10 mins each = 5 min Q+A)	Breakout Groups
5:30 - 5:45	Recap and Discuss Direction for Day 3	All
5:45 - 6:15	Pack up and make plans for dinner Team Leads/KISS tag up	All KISS/Team Leads
6:15	Free Time / Dinner on your own	

**Wednesday, February 28, 2024 - Keck Center - Think Tank, Room 155**

8:00 - 8:30	Institute Opens - FREE THINK TIME	
8:30 - 9:00	Enjoy coffee and refreshments in the Keck Center courtyard	
9:00 - 9:15	Logistics and Team Lead Goals for the Day	KISS Team Leads
9:15 - 10:00	Brief Topic Framing Talks - VMAP - MME	Dave Schimel Bruno Basso
10:00 - 10:30	Break	
10:30 - 10:45	Overview of Breakout #4	Team Leads
10:45 - 12:30	<p>Breakout #4: Topic: Critical aspects and path forward for "systems integration" - both "technical issues" and "how to implement" (including organization issues/resourcing) as a distributed community/consortium effort (as somewhat analogous to other 'community level' modeling and data analyses efforts, e.g.: weather/climate reanalyses, ES modeling (e.g. CMIP), hurricane tracking, AgMIP)</p> <p>New Working Groups: Breakout Group #1: Remote Sensing (RS) + Modeling (MOD) Breakout Group #2: Remote Sensing (RS) + Experiments/Ground Measurements (EXP) Breakout Group #3: Modeling (MOD) + Experiments/Ground Measurements (EXP)</p>	All
12:30 - 2:00	Lunch at the Athenaeum	
2:00 - 2:45	Breakout Groups Report Out (10 mins each plus 5 min Q+A)	Breakout Groups
2:45 - 3:00	Importance of Illustrations - KISS Gallery	Michele Judd
3:00 - 3:30	Plenary group discussion of illustrations/figures we want in final report	Team Leads / All
3:30 - 4:00	Break	
4:00 - 4:30	Group pulse: What are big conclusions so far, what topics need more attention?	KISS / All
4:30 - 5:30	Plenary group discussion of what topics need one final breakout focus session tomorrow morning	Team Leads / All
5:30 - 6:00	Pack up and make plans for dinner Team Leads/KISS tag up	All KISS/Team Leads
6:00	Dinner on your own	

Thursday, February 29, 2024 - Keck Center - Think Tank, Room 155		
8:00 - 8:30	Institute Opens - FREE THINK TIME	
8:30 - 9:00	Enjoy coffee and refreshments in the Keck Center courtyard	
9:00 - 9:15	Logistics and Team Lead Goals for the Day	KISS Team Leads
9:15 - 9:30	Overview of Breakout Session #5	All
9:30 - 11:00	Breakout #5: Topics determined by Thursday plenary session	Groups
as needed	Break	
11:00 - Noon	Group Report outs from Breakout Session #5	Groups
Noon - 2:00	Free Time / Lunch on your own	
2:00 - 3:00	Discussion of Final Report and Report Structure	Team Leads
3:00 - 3:30	Define writing assignments	All
3:30 - 4:00	Break	
4:00 - 5:15	Writing Session #1	Groups/Individuals
5:15 - 5:30	Recap and Discuss Direction for Day 5	Team Leads
5:30 - 6:00	Pack up and walk to the Athenaeum Team Leads/KISS tag up	All KISS/Team Leads
6:00	Dinner at the Athenaeum	

Friday, March 1, 2024 - Keck Center - Think Tank, Room 155		
Time	Event	Speaker
8:00 - 8:30	Institute Opens - FREE THINK TIME	
8:30 - 9:00	Enjoy coffee and refreshments in the Keck Center courtyard	
9:00 - 9:15	Logistics and Team Lead Goals for the Day	KISS Team Leads
9:15 - 10:00	Discussion on Path Forward for Collaboration, Advocacy throughout the Community and To-Do List for Completion of Final Report	Groups/Individuals
10:00 - 10:30	Break	
10:30 - 11:15	Breakouts on final report images	Groups/Individuals
11:15 - 11:45	Group report outs	Teams
11:45 - 12:15	Workshop Next steps	Team Leads
12:15 - 12:30	Plenary workshop review	KISS
12:30	Formal workshop concludes	
12:30 - 1:30	Informal lunch in the Courtyard	
1:30 - 3:00	Small Group Collaboration and Writing Session #2	Groups/Individuals
3:00 - 3:30	Break	
3:30 - 4:45	Final Writing Session #3	All
4:45 - 5:00	Meet back in Plenary Session for faretheewell and celebration!	All
5:00	All workshop activities conclude	