



MACH

Megalopolitan Coastal
Transformation Hub

2022 ANNUAL MEETING

Day 1 Opening Session [Public Registration](#)

Tuesday, May 24: 9:00am

AGENDA

- 9:00am Welcome and Virtual Introductions Activity
Lisa Auermuller, MACH Administrative Director
- 9:05am MACH: A Year in Review and Next Steps
Dr. Robert Kopp, MACH Director
- 9:35am NSF CoPe Program Update
Dr. Rita Teutonico, Program Officer, NSF, Coastlines & People (CoPe) Program
- 9:45am Discussion
- 9:50am Close

Day 1 Remaining Sessions

**MACH AFFILIATES: THE WORK SESSIONS ARE ONLY OPEN TO MACH AFFILIATES AND
CALENDAR INVITATIONS HAVE BEEN SENT TO YOU SEPARATELY**

❖ 9:50-10:00 Break

10:00-1:30 Initial Decision Problem Workshop; Part 1

- ❖ 10-10:45 Presentation by Engagement Team; *Discussion led by Engagement Team*
- ❖ 10:45-11:15 Presentation by Decision Analysis Team; *Discussion Led by Decision Analysis Team*
- ❖ 11:15-12:00 Virtual Lunch Break
- ❖ 12:00-1:30 Values Discussion – *Lead: Nancy Tuana/Klaus Keller/Lisa Auermuller*

Day 2

Wednesday, May 25 9am-12pm (EST)

9:00-12:00 Initial Decision Problem Workshop; Part 2

- ❖ 9:00-10:20 Initial Design Workshop (system model/input/outputs) – Lead: Bob Kopp/Klaus Keller
- ❖ 10:20-10:40 Virtual Caffeine Break
- ❖ 10:40-12:00 Team Breakout groups. (VIMMS and SET together) Lead: Team Leads

Day 3

Thursday, May 26 9:00 am – 12:00 pm (EST)

- ❖ 9:00-10:15 **Team Report out and Synthesis.** Lead: Bob Kopp/Klaus Keller
- ❖ 10:15-10:30 **Closing Session** – Lead: Bob Kopp



MACH

Megalopolitan Coastal
Transformation Hub

2022 ANNUAL MEETING

10:00-1:30 Initial Decision Problem Workshop; *Part 1*

- ❖ 10-10:45 Presentation by Engagement Team; *Discussion led by Engagement Team*
 - Describe process of engagement, briefly. (~5 min)
 - Describe three Camden decision problems broken down by uncertainties/levers/metrics/relationships (~15 min)
 - Provide background on power structures and political economy, to the extent they understand (~10 min)
 - *Discussion (15 min)*
- ❖ 10:45-11:30 Presentation by Decision Analysis Team; *Discussion Led by Decision Analysis Team*
 - *How did we land on Camden? (Casey) (15 min)*
 - *What is the state-of-the-art in these analyses?
What framework can we use to design our analyses to analyze DAPP as proposed?
(Klaus) (15 min)*
 - *Discussion (15 min)*
- ❖ 11:30-12:10 *Virtual Lunch Break*
- ❖ 12:10-1:20 Values Discussion – *Lead: Casey Helegeson/Nancy Tuana/Klaus Keller/Lisa Auermuller*
- ❖ 1:20-1:30 Wrapping up and charge for day 2 (Bob/Klaus)

Day 2

Wednesday, May 25 9am-12pm (EST)

9:00-12:00 Initial Decision Problem Workshop; *Part 2*

- ❖ 9:00-10:20 Initial Design Workshop (system model/input/outputs) – *Lead: Bob Kopp/Klaus Keller*
 - *Initial framing by Klaus (5-ish minutes)*
 - *Run through of the slides from each of the teams (<5 min per group)*
 - *Work on how pieces fit together: What are the inputs each team needs, and how can we couple together the products?*
 - *Beforehand, Klaus and Bob will try an initial synthesis –
<https://kumu.io/coastalhub/camden-decisions>*

- ❖ 10:15-10:35 *Virtual Caffeine Break*
- ❖ 10:35-12:00 Breakout groups
 - *Breakout Group 1: Hazards and Exposure – Facilitator: Bob Kopp/Lisa Auermuller*
 - *Breakout Group 2: Human Dynamics – Facilitator: Klaus Keller/Katie Parrish*
 - *Charge questions:*
 - For each of the decision problems:
 - How do we ensure that our analysis includes feedbacks between humans and the physical and built environment (not just one way flow)?
 - How do the available tools/approaches map to the systems diagram(s)?
 - What is tractable in terms of analysis and couplings? How do we make sure the time frames of different parts of the analysis line up?
 - What elements generalize to other locations?
 - Be prepared to give a 10-15 minute report out on Thursday morning.
 - Reconvene at 11:55 for quick reflections.

Day 3

Thursday, May 26 9:00 am – 10:30 am (EST)

- ❖ 9:00-10:15 **Breakout Group Report Out and Synthesis.** *Lead: Bob Kopp/Klaus Keller*
- ❖ 10:15-10:30 **Closing Session** – *Lead: Bob Kopp*