

Exploring Ocean Worlds

1st Annual Team Meeting

W.M. Keck Institute for Space Studies

California Institute of Technology Campus
345 S. Michigan Street Pasadena, CA 91125

Jan 7th-9th, 2020

Agenda – Day 1

Tuesday Jan 7th

11:30-12:00 Arrival & Check-In at the Keck Center (**see map**)

12:00-13:30 *Team Lunch at the Athenaeum*

13:30-15:00 Plenary: Overview of the Project, Top-to-Bottom (Chris & all)

15:00-15:30 *Break*

15:30-17:00 Breakout Session 1:

Nominally: Investigating Biological Potential (Inv.1 thru Inv.4 members)

Investigating Biosignature Potential (Inv.3 thru Inv.6 members)

17:00 Adjourn

Agenda – Day 2

Weds Jan 8th

- 08:30-10:00 Breakout Session 2:
Nominally: Developing a Physical Framework (Inv. 1, 2 & 5)
Biological-Geochemical Coupling (Invs., 3, 4 & 5)
- 10:00-10:30 Break
- 10:30-11:00 Plenary: What are we *really* going to do about Synthesis?
- Articulation of the goals for Inv.7.1 (Tori) & 7.2 (Chris)
- Posing some difficult questions (Chris):
Are we really going to pursue a single model?
Or would a series of models with interfaces be better?
- would those just be *conceptually connected* models?
- or would some/any/all be *numerically coupled* models?
- 11:00-12:00 Breakout Session 3: Parallel Processing to Brainstorm Synthesis Questions
4 groups of 5 people each [1 member of ExCom in each group, please].
- 12:00-13:30 *Team Lunch at the Athenaeum*
- 13:30-15:00 Breakout Session 4: Planning Year 1– Deliberately Unstructured Quality Time
Team Members self-assemble into groups for detailed research planning
- 15:00-15:30 *Break*
- 15:30-17:00 Plenary Session to include:
Voluntary reports-back on anything compelling from Breakouts 2 or 3
Voluntary lightning talks (5 min/3 slides) – no more than 1 project per person
- e.g. work that has already begun for the ExOW project
- e.g. a related project that you would like to share with the ExOW team
Discussion on how best to use our last half-day together
- 17:00 *Adjourn*

Agenda – Day 3

Thurs Jan 9th

- 08:30-10:00 Plenary: ExOW “Business”
Nominally: Discussion on the Network for Ocean Worlds
- Use NOW for an ExOW “model validation” workshop?
Discussion on the *Planetary Sciences Next Decadal Plan*
- How to ensure our interests are well represented?
- 10:00-10:30 *Break*
- 10:30-11:30 Plenary or Breakouts:
As desired: time to take advantage of final face-to-face opportunities
- 11:30 *Adjourn the official ExOW Team Meeting at Keck Institute*
- 11:30-13:00 *Lunch at the Athenaeum with Titan NAI Team*
- 14:00-15:30 JPL Tour (Kevin Hand)