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)