**Observing Beyond Our Senses : Optional Final Student Assessment**

Depending on time available, you may want to do a final assessment.

*We suggest the following:*

**To Students:**

Your group is a managing a complicated project. You need to present your plans to a group of legislators in order to secure funding for implementation.

You can choose among the following projects:

• Ground & surface water management in Death Valley or another National Park.

• Management of water resources at the Great Salt Lake or another US lake or river.

• Management of water resources in a small country you may already be somewhat familiar with (Belize, for example)

• Management of future water resources for the City of Seattle or one of the San Juan Islands.

• Design & construction of a life-seeking Martian Robot

• Design & construction of a life-seeking Robot for exploring lakes hidden beneath the Antarctic ice sheet, or beneath the icy surface of Jupiter’s moon Europa.

-------------------------------------------

You will have 15 minutes to sell your plan to the legislators (the rest of the class and your teacher) in a presentation at a public meeting.

Focus on what’s important: the big ideas.

Prepare graphics that help convey your story

Everyone on the group speaks.

Your plan could be presented in a variety of ways. However you choose to present it, you should include the following elements:

Design process for a clever and perhaps original measurement instrument(s)

Data & graphs

A measurement plan which includes ideas of

precision,

signal vs. noise,

incomplete data

proxy variables