Essential Question for our Unit: What is Good Water?

Framing Question for our Conversation: How is life on land impacting life in the world's water?

In your PODS, please use this shared document to generate thoughtful questions regarding the topics covered in The Sixth Extinction, Ch 5, 6, and 7. It is totally valid for some of your questions to be informed by your research and inquiry on your water teams or your reading from the text.

Your Take 5 is your starting place, but please try to filter some of your Take 5 ideas through these questions:

* How is life on land impacting these issues?
* What are the ecosystem services that the ocean's provide? How could you ask questions to point the conversation toward these issues?
* The ocean is so big, so powerful - how can we ask questions that will expose its fragility?
* What questions could you ask, what are those that would help other citizens understand the issues and the science?
* WHat questions will help us explore our concerns, rather than letting fear drive our discussion?
* What questions could help guide our discussion to include some of the SOLUTIONS we need to explore?

POD A:
Water teams represented:
Brainstorm questions / points of interest here:
What are some pros and cons of common water purification systems?
At what point will even the most hardy, adaptable organisms not be able to handle ocean acidification?
How does the reduction of coral affect other organisms? How many organisms will have to adapt if coral reefs become extinct?
Ocean acidification has been a recurring phenomenon in the history of the world and extinctions; is it still in our best interest to try to hinder this process? To what extent should we interfere?

POD B:
Water teams represented:
Brainstorm questions / points of interest here:
How does the harming and killing of reefs affect other species in and out of the ocean?
How can we help stop or at least slow the process of ocean acidification?
How would educating people on what's happening help the situation to slow?

POD C:
Water teams represented: acidification
Brainstorm questions /points of interest here:
What can we do to help eliminate acidification in our vast dense oceans?
If we know that the planet managed to cool itself thousands of years ago, can it happen again? How will it affect human populations?

POD D:
Water teams represented:
Brainstorm questions / points of interest here:

POD E:

Water teams represented:
Brainstorm questions / points of interest here:

POD F:
Water teams represented:
Brainstorm questions / points of interest here:

POD G:
Water teams represented: Tropical Oceans and groundwater
Brainstorm questions / points of interest here:

-Are there any ways to slow and eliminate ocean acidification?

-Since coral reefs are predicted to soon be extinct due to our pollution, when and how are we going to create the energy needed for the process of calcification that sustains marine ecosystems?

- I wonder what environmental regulations and scientific inventions will come about in my lifetime.

- Should the value of an organism be measured by its population levels or by its impact?

- How many years does it take for coral to grow back? And if we lost all of our coral, how would that impact sea life?

-Has human interference ever helped a species?

POD H:
Water teams represented:
Brainstorm questions / points of interest here: