

Week #2 Assignment: Ideas for Group Project
Due: Friday September 3rd
(email to Seth and Alexi by midnight)

Idea. Write a short paragraph (5–6 sentences) that describes the basic idea for your group project and briefly summarizes the gap in knowledge that your project would help fill. Include a sentence or two that outlines the problem (i.e., problem statement). How will answering the problem help us better understand a particular process (or set of processes) in the natural world?

Questions. In bullet format, write 2–3 single sentence questions that will enable you to tackle the problem statement summarized above. Questions should be specific but as succinct as possible, and should be testable by designing the right experiment(s) and sample collection strategy.

Approach. Write a short paragraph (5–6 sentences) describing your approach for answering the above questions. Summarize the type and number of samples that you will need to collect in the field or lab and analyze on the isotope ratio mass spectrometer. If possible, please write 1–2 sentences on how you might analyze the data to answer your questions.