

Project Experimental Plan and Methods
Due: Wednesday, October 11th
(email to Seth AND Emma AND Alana by midnight)
50 Points

This 2-page document should consist of two main sections:

- 1) **Experimental Plan** (with accompanying schematic figures or tables) – this section should give the reader an overview of what you are doing to answer your research questions.
- 2) **Methods** – this section should provide more detail/specifics.
Possible subsections (and some example questions to get you thinking) include:
 - Study System/Study Site – Briefly describe your study system/site (e.g., location, climate, species, etc.).
 - Sample Collection – What will you be collecting? How will you be collecting and storing it? How often will you be collecting it?
 - Chemical Preparation and Stable Isotope Analysis – Are you lipid-extracting or demineralizing your samples? Will you be homogenizing your samples?
 - Statistical Analyses – What types of statistical tests (e.g., ANOVA) or packages (e.g., SIMMR, SIBER) will you use?
- 3) **Updated References List** (not included in the 2-page limit)

The document should be single-spaced in Arial 10-point font. Each major section should be ~1 page. Please include citations where applicable and use the same citation style as you did for the previous Project Description and References List assignment.