**SCIENTIFIC METHODS PEER REVIEW GUIDELINES**

2) Method (Study Design & Data Collection)

a. Does the method include a clear statement of the research question?

b. Is the study design clearly tied to the research question?

i. Is the study design justified?

c. Can you suggest any figures, diagrams, maps, or photographs that could help communicate the methods?

i. Is there a way to illustrate the study design?

d. Is it clear what specific data will be collected?

i. Example, what is your “health” measurement if you intend to measure the “health” of the Estero Bay?

ii. Example, what is your “health” measurement if you plan to measure the dental “health” of children that eat school versus bag lunches?

e. Is the method sufficiently supported by reference to the literature?

i. Where would additional citations be helpful?

f. Are there unique methods that lack citations?

i. Are the unique methods fully explained and justified?

g. Is the writing concise?

i. Avoid repetition? Are there sentences that can be removed? What about extra, fluffy words?

h. Are the transition appropriate within and among paragraphs?

i. Does each paragraph have a clear thesis, supporting information/ examples, and conclusion?

ii. Can sub-sections help organize the methods?