

# Part 1: Developing Your Question

When using a large, long-term dataset like LiMPETS, it is important that your question be answerable with available data. As you explore the database, you might find that there is not enough data to answer your original question, so you will change it. You might notice an interesting trend, and you'll alter your focus to investigate it. A scientific article might spark an idea, and you will refine your question to follow it. Your question is changeable as you move through the steps below. Use this worksheet as you explore data and research your topic.

## STEP 1 - WHAT INTERESTS YOU?

What do you want to know?

Why do you want to know it?

Write your question in one sentence:

## STEP 2 - WHAT DATA DO YOU NEED?

Complete Part 2: Data Analysis

Write your new or refined question in one sentence:

## STEP 3 - WHAT DO OTHER SCIENTIFIC STUDIES SHOW?

Read at least 2 scientific articles related to your question and complete Part 3: Literature Review. Write your new or refined question in one sentence: