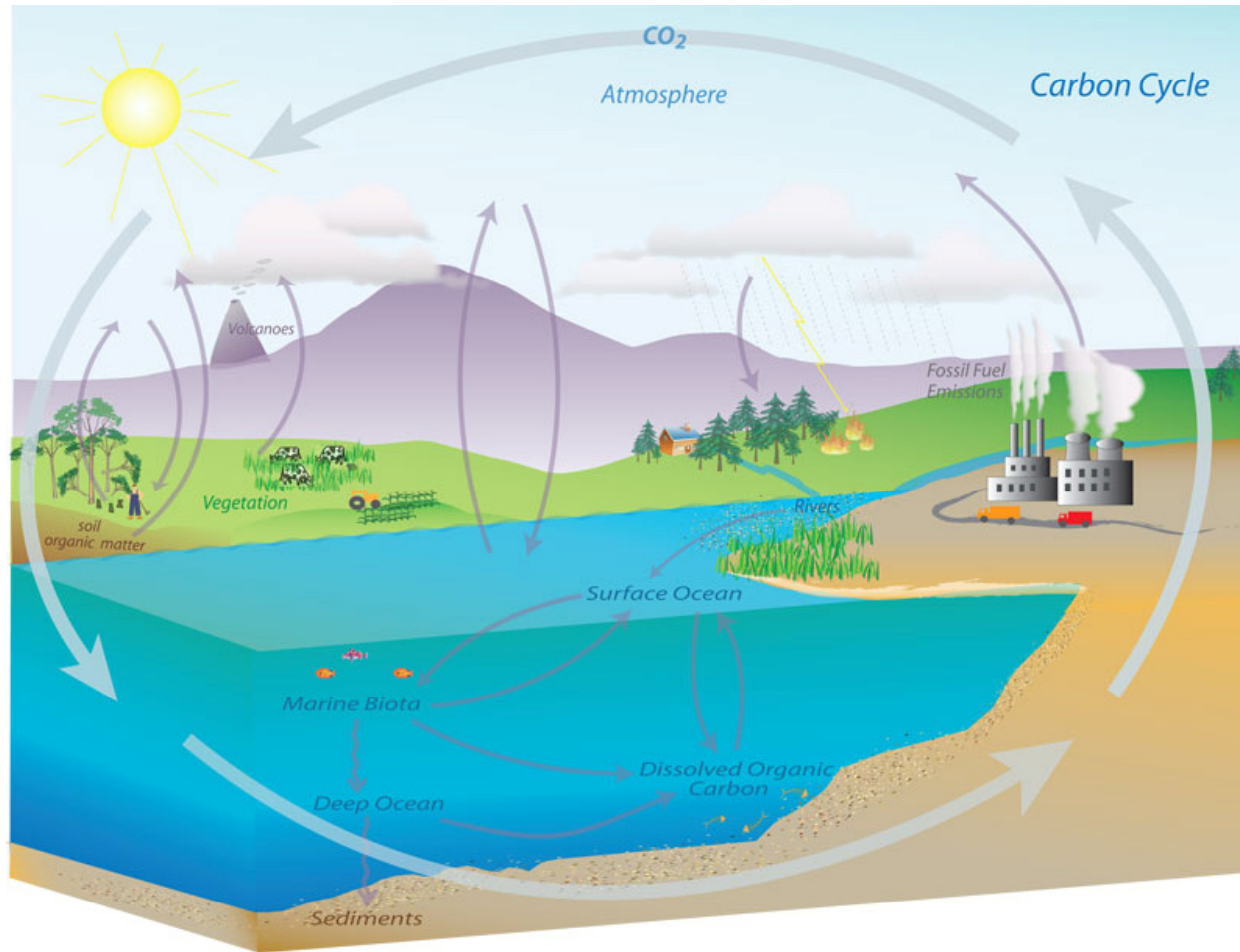


How to Label a Systems Diagram

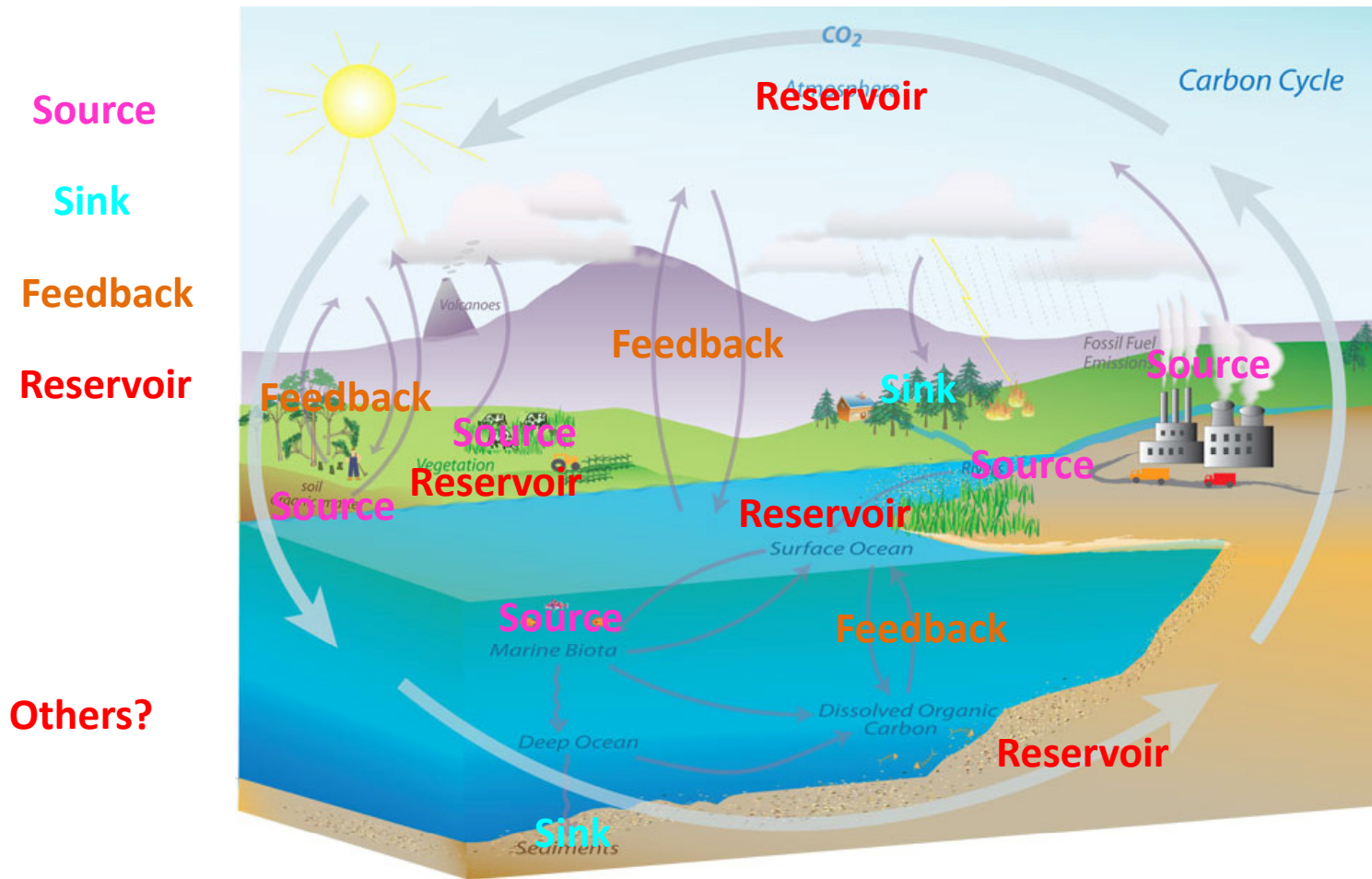
Moving toward greater complexity
within systems diagrams.

Example of
The Carbon Cycle

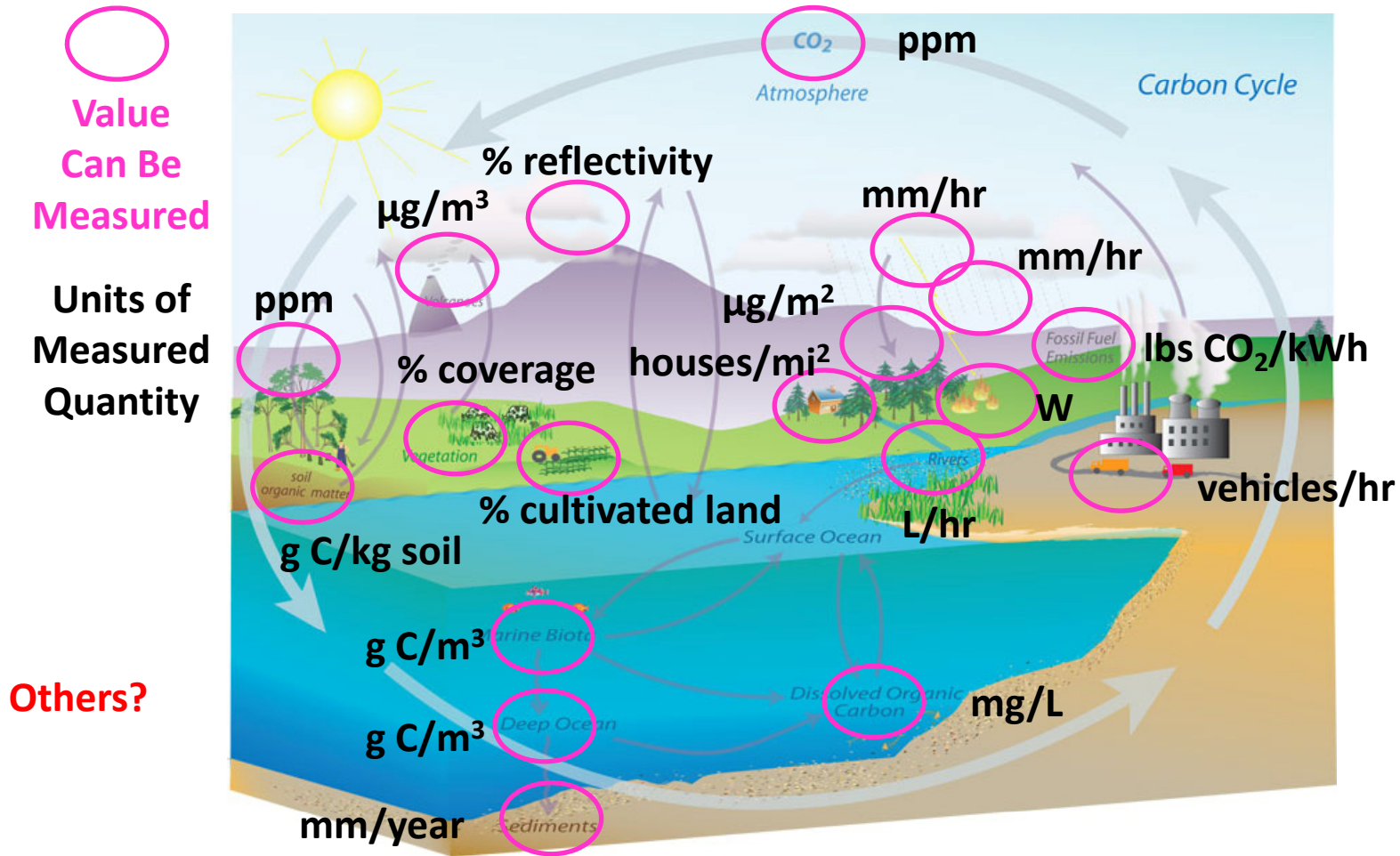
The Carbon Cycle



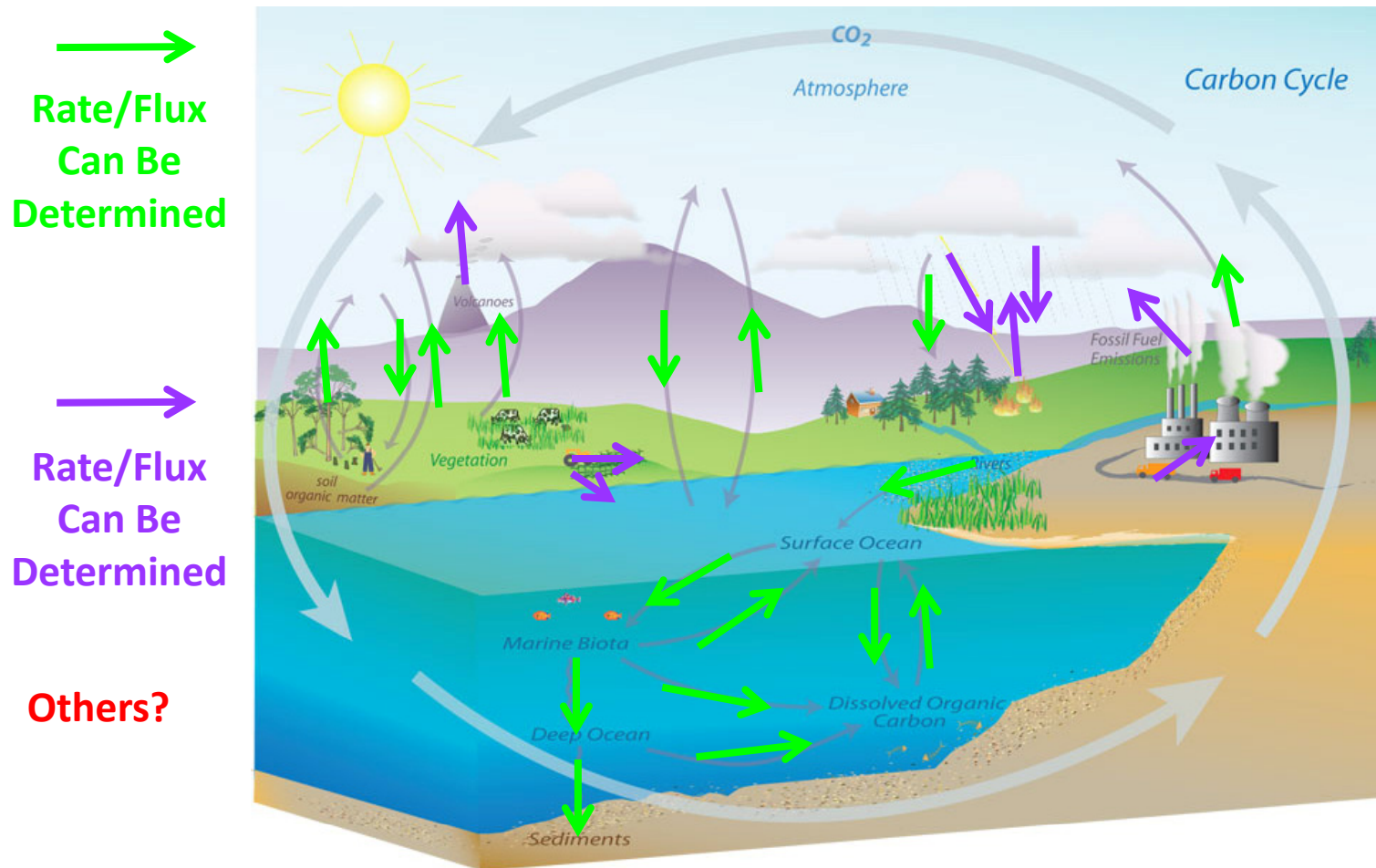
The Carbon Cycle — With Labels



The Carbon Cycle — With Measurable Quantities Identified



The Carbon Cycle — With Quantifiable Relationships Identified



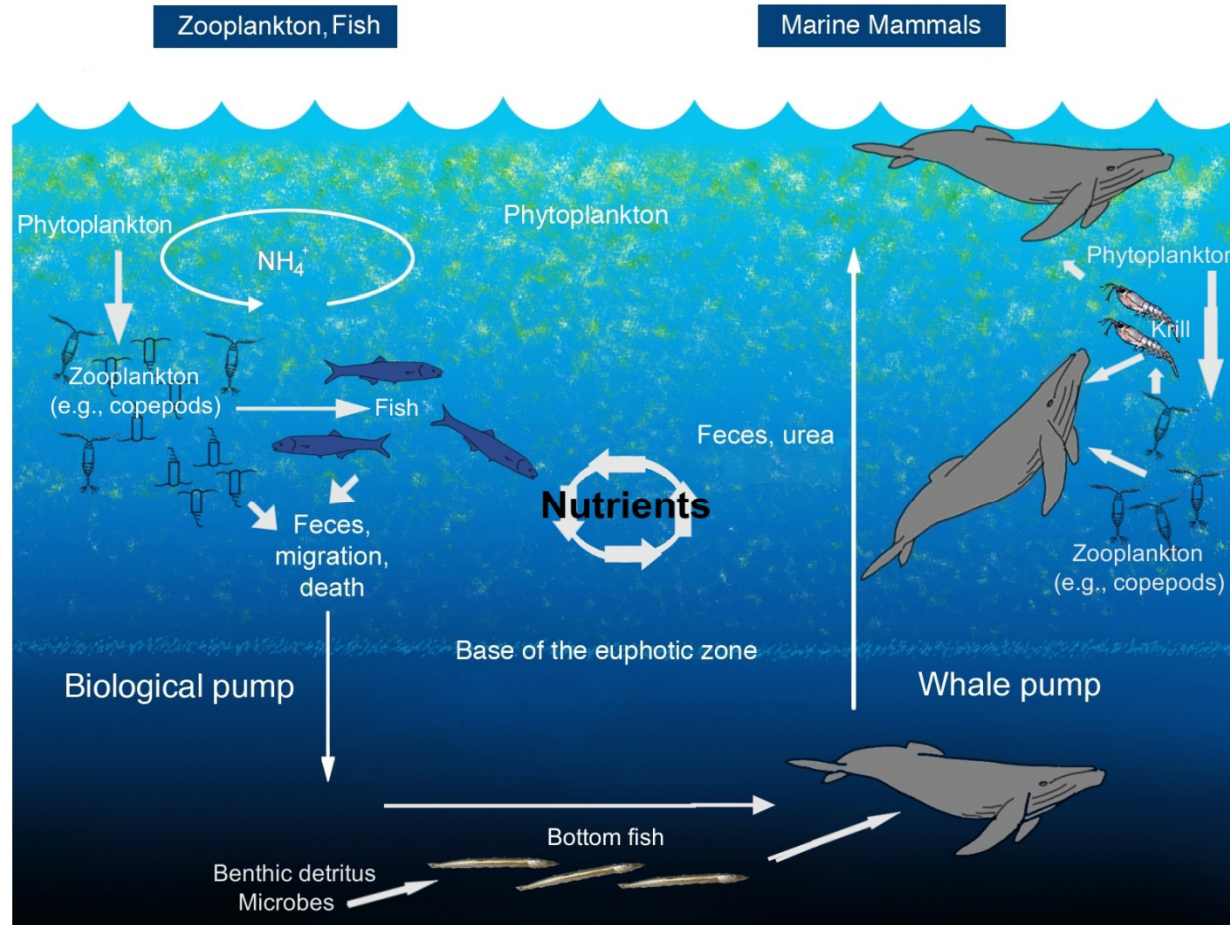
Flux = The rate of matter or energy movement (amount per unit time)

How to Label a Systems Diagram

Moving toward greater complexity
within systems diagrams.

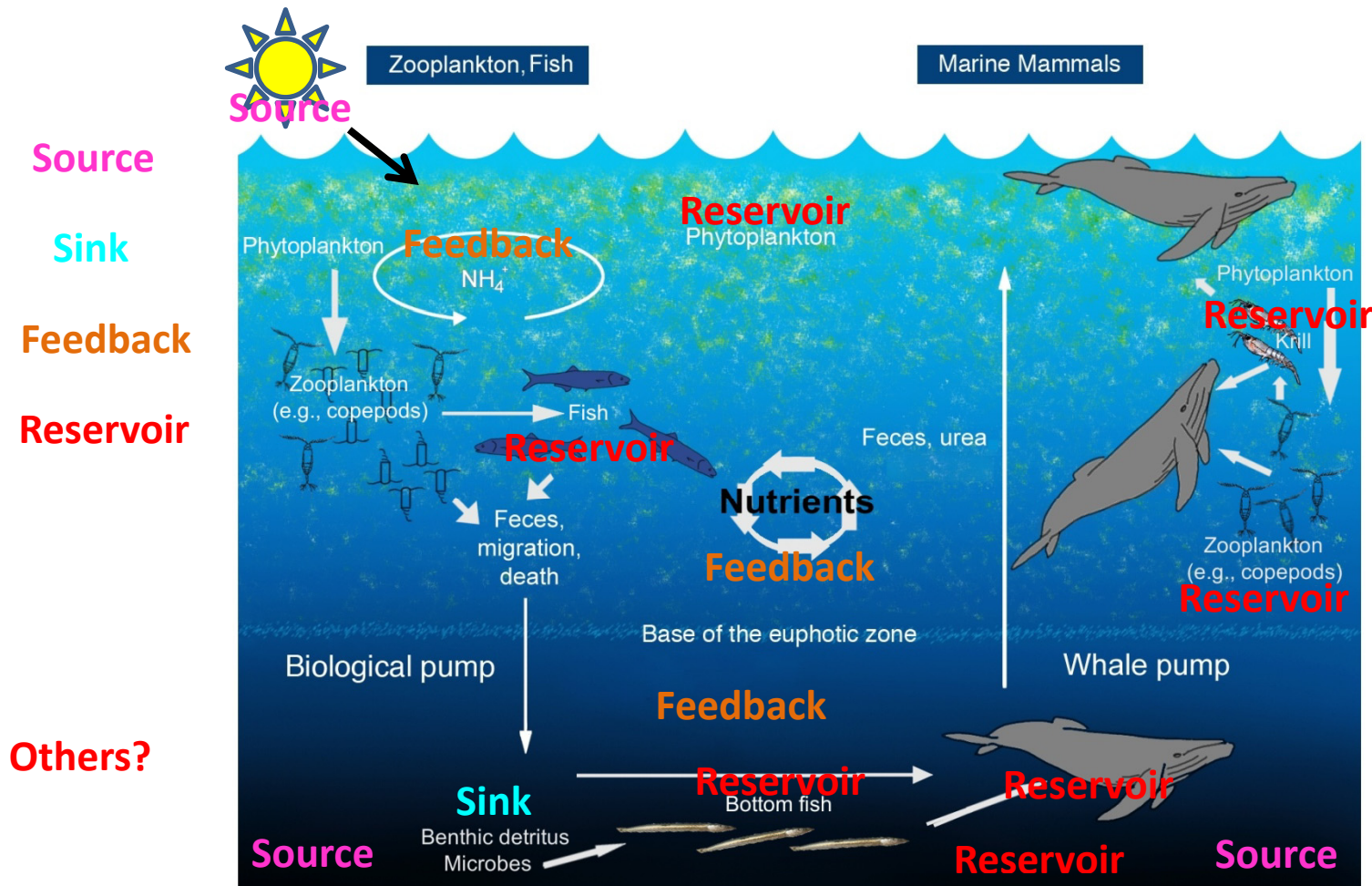
Example of
The Whale Pump

The Whale Pump



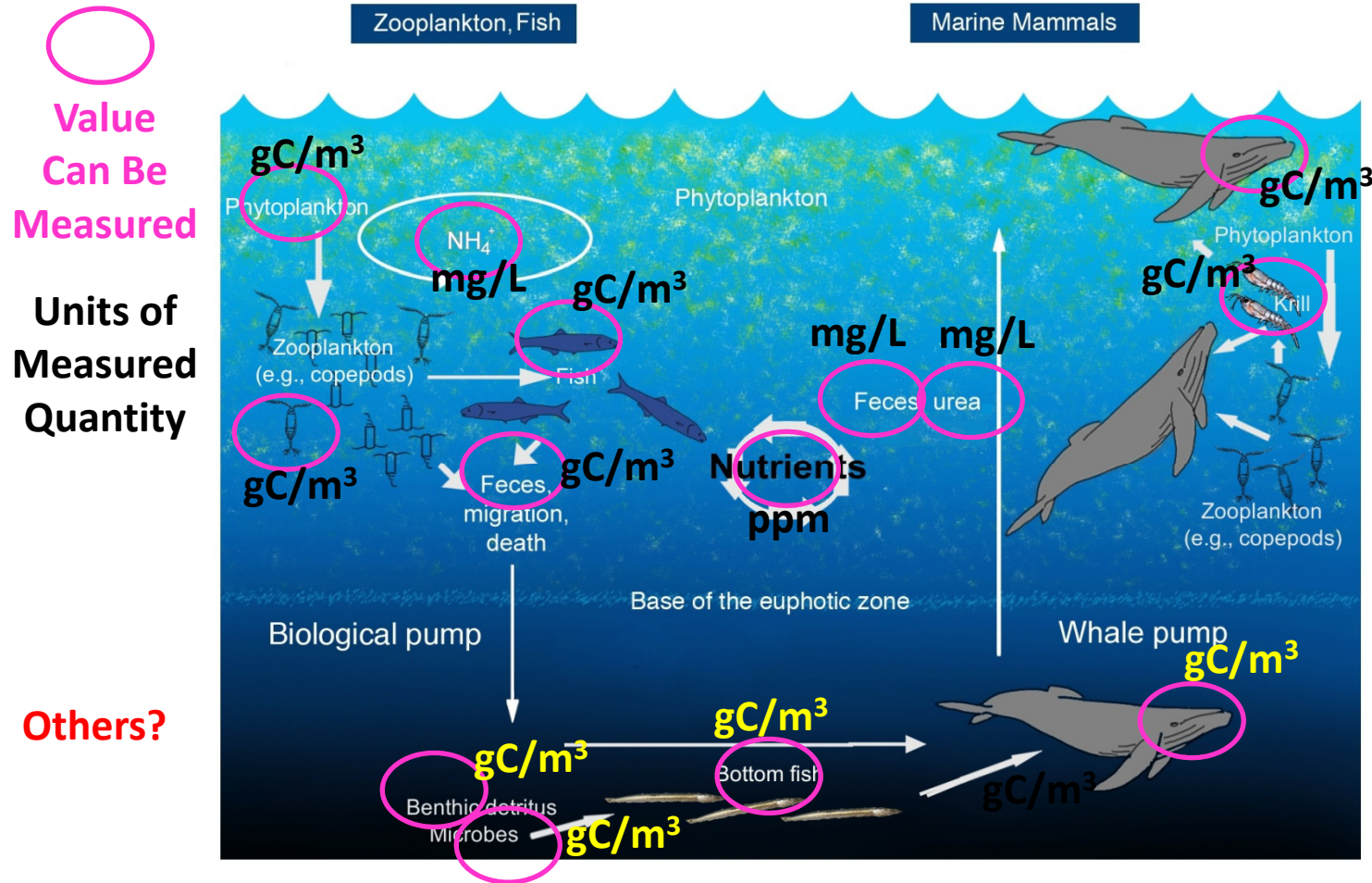
Roman J, McCarthy JJ - Roman J, McCarthy JJ (2010) The Whale Pump: Marine Mammals Enhance Primary Productivity in a Coastal Basin. PLoS ONE 5(10): e13255. [doi:10.1371/journal.pone.0013255](https://doi.org/10.1371/journal.pone.0013255)

The Whale Pump — With Labels



Roman J, McCarthy JJ - Roman J, McCarthy JJ (2010) The Whale Pump: Marine Mammals Enhance Primary Productivity in a Coastal Basin. PLoS ONE 5(10): e13255. [doi:10.1371/journal.pone.0013255](https://doi.org/10.1371/journal.pone.0013255)

The Whale Pump — With Measurable Quantities Identified



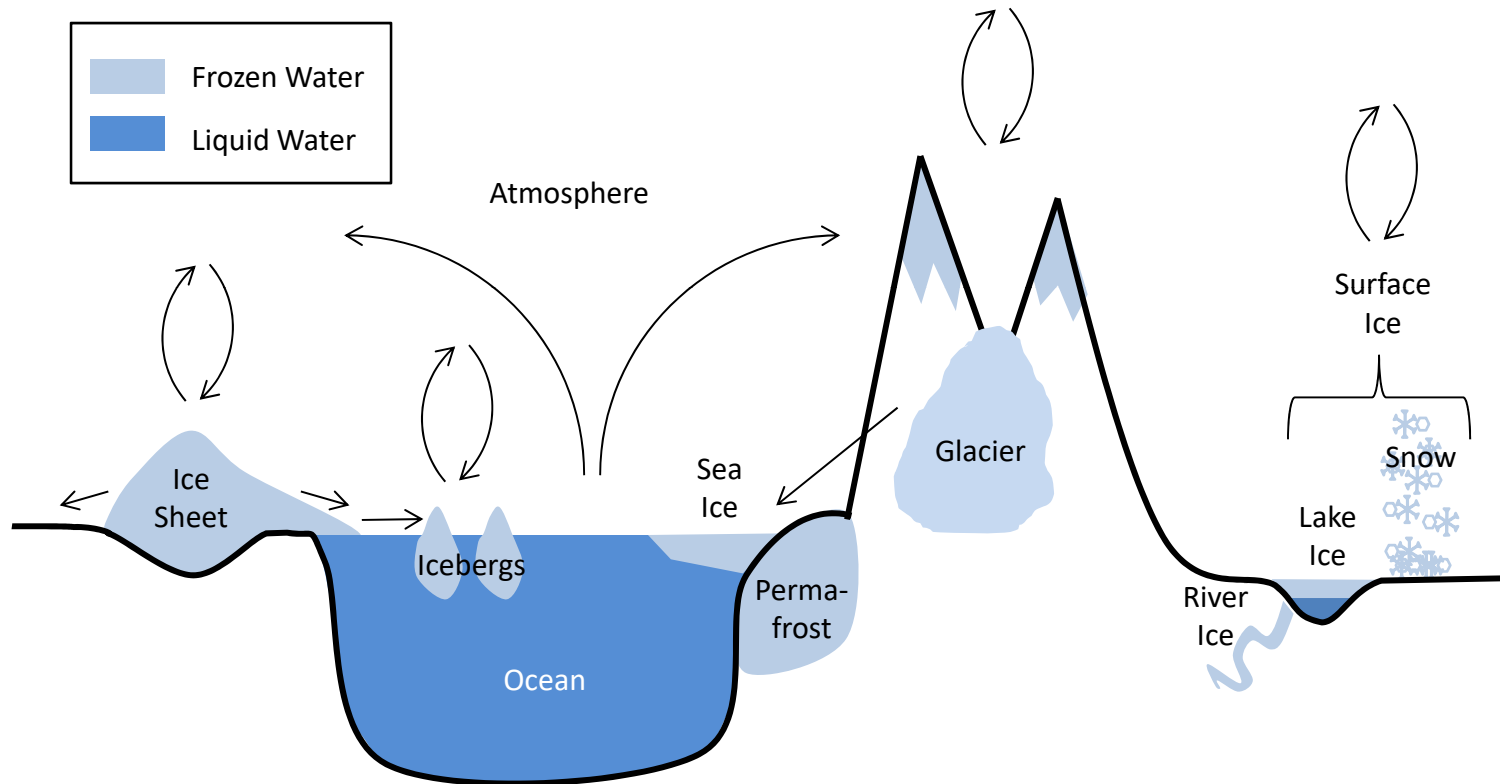
Roman J, McCarthy JJ - Roman J, McCarthy JJ (2010) The Whale Pump: Marine Mammals Enhance Primary Productivity in a Coastal Basin. PLoS ONE 5(10): e13255. [doi:10.1371/journal.pone.0013255](https://doi.org/10.1371/journal.pone.0013255)

How to Label a Systems Diagram

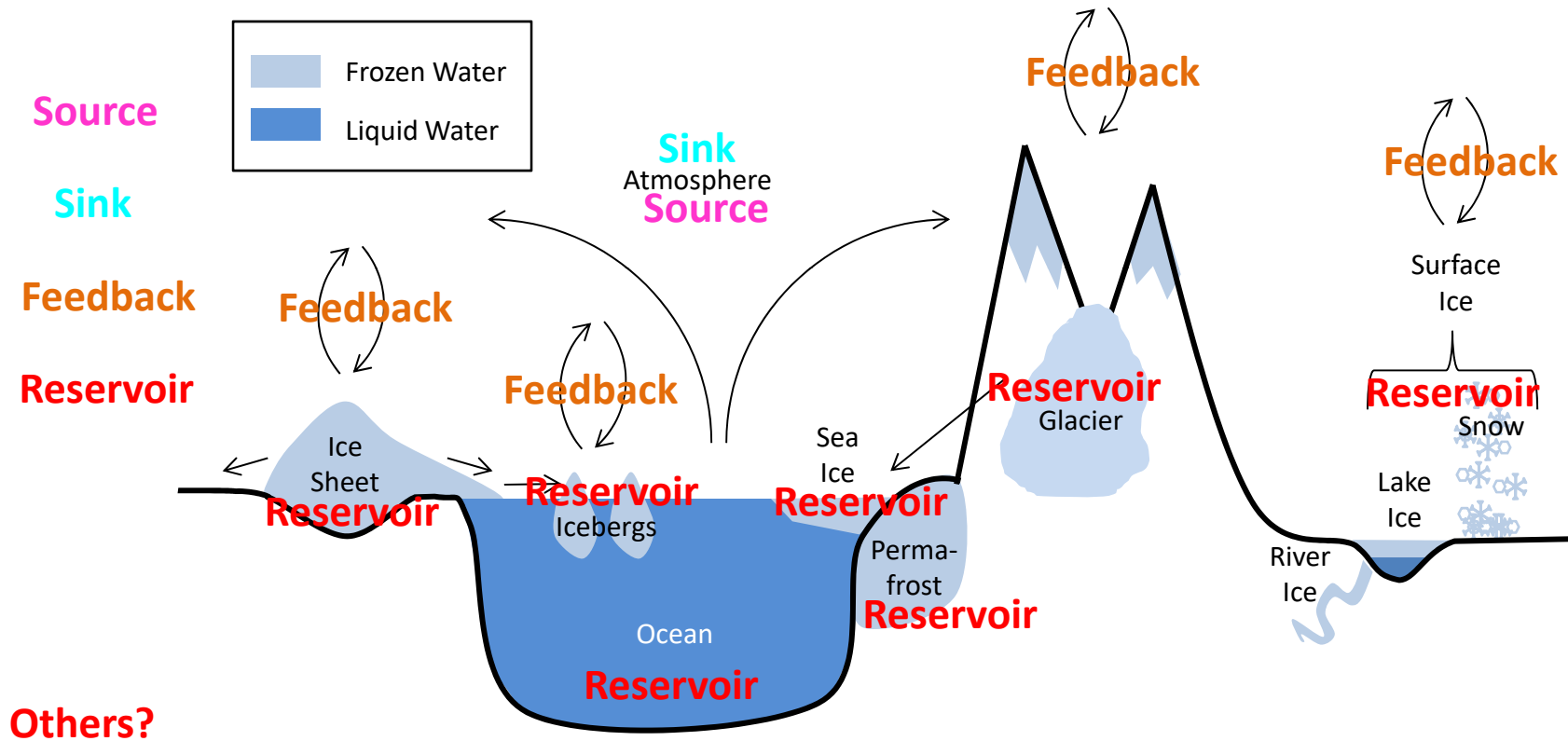
Moving toward greater complexity
within systems diagrams.

Example of
The Cryosphere

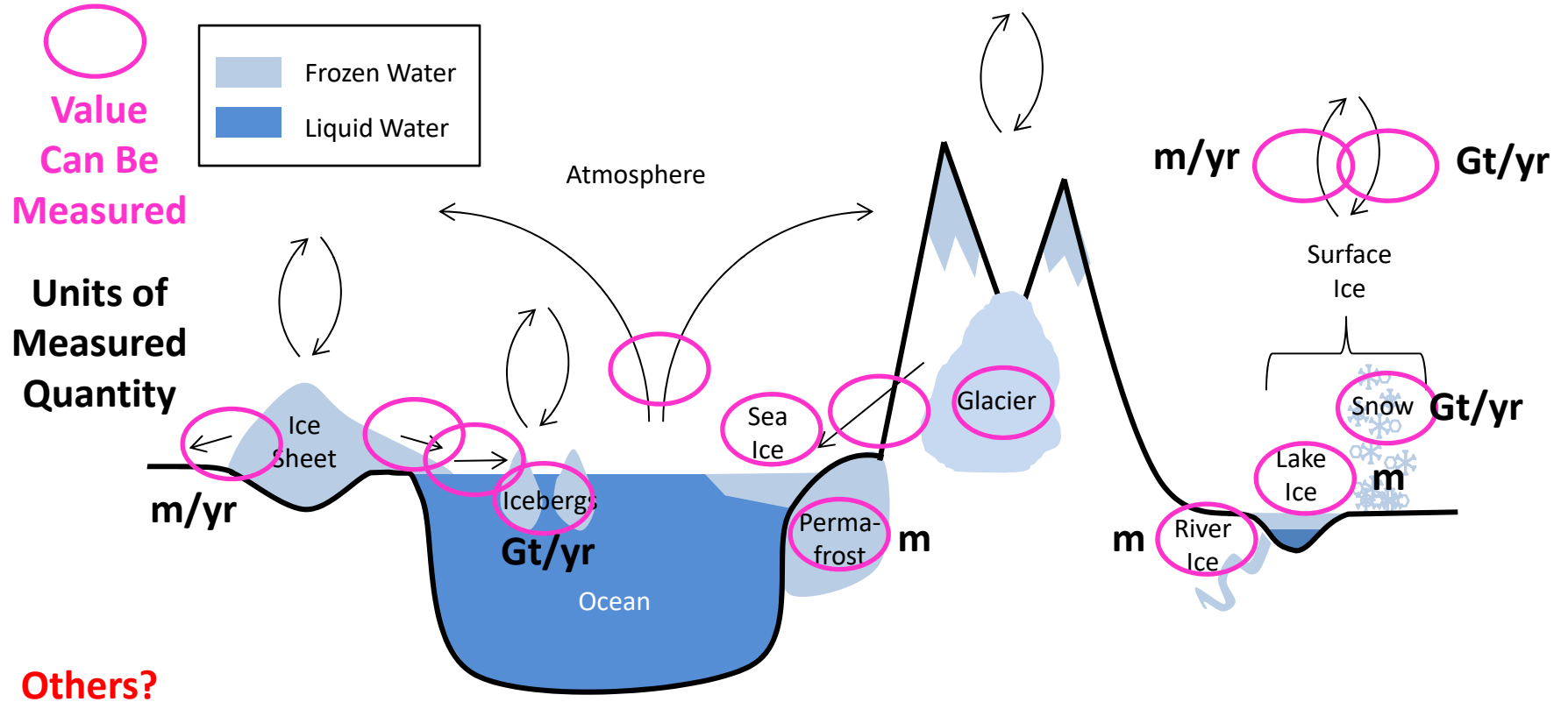
The Cryosphere



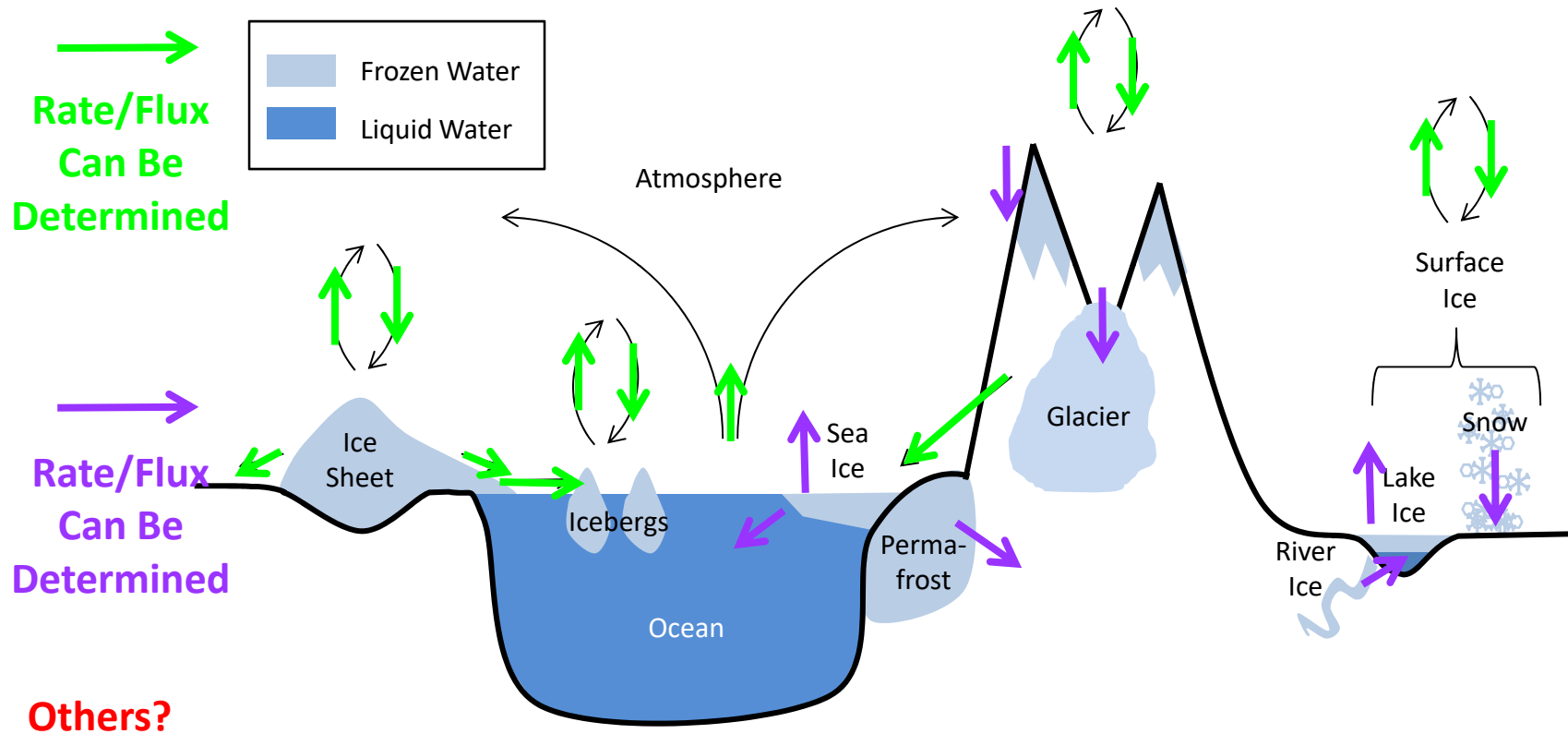
The Cryosphere — With Labels



The Cryosphere — With Measurable Quantities Identified



The Cryosphere — With Quantifiable Relationships Identified



Flux = The rate of matter or energy movement (amount per unit time)