

MAINE SCIENCE AND ENGINEERING STANDARDS

5-ESS2 Earth's Systems

5-ESS2-1 Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.

Further Explanation: Examples could include the influence of the ocean on ecosystems, landform shape, and climate; the influence of the atmosphere on landforms and ecosystems through weather and climate; and the influence of mountain ranges on winds and clouds in the atmosphere. The geosphere, hydrosphere, atmosphere, and biosphere are each a system.

Developing and Using Models, Earth's Materials and Systems, Systems and System Models

5-ESS2-2 Describe and graph the amounts and percentages of water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.

Using Mathematics and Computational Thinking, The Roles of Water in Earth's Surface Processes, Scale, Proportion, and Quantity