

## MAINE SCIENCE AND ENGINEERING STANDARDS

### 2-ESS2 Earth's Systems

**2-ESS2-1 Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.**

Further Explanation: Examples of solutions could include different designs of dikes and windbreaks to hold back wind and water and different designs for using shrubs, grass, and trees to hold back land.

Constructing Explanations and Designing Solutions, Earth Materials and Systems, Optimizing the Design Solution, Stability and Change

**2-ESS2-2 Develop a model to represent the shapes and kinds of land and bodies of water in an area.**

Developing and Using Models, Plate Tectonics and the Large-Scale System Interactions, Patterns

**2-ESS2-3 Obtain information to identify where water is found on Earth and that it can be solid or liquid.**

Obtaining, Evaluating, and Communicating Information, The Roles of Water in Earth's Surface Processes, Patterns