

“Fresh water weighs 62.4 pounds per cubic foot. A large wave may bring thousands of pounds of forces against a structure. The larger the wave, the greater the forces and therefore the larger and heavier the structure needs to be.”

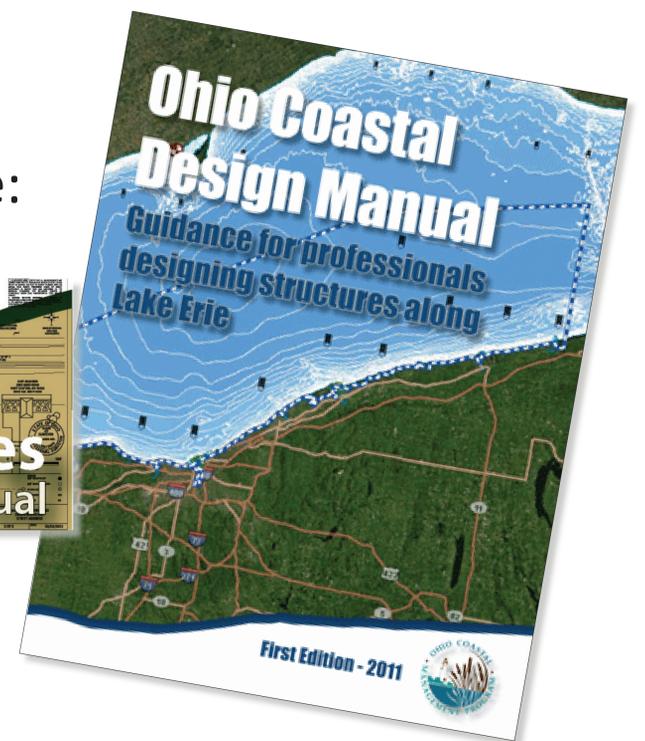
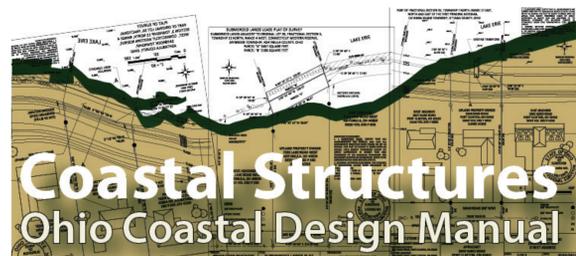
**- Ohio Coastal Design Manual
First Edition 2011**

The ODNR Office of Coastal Management provides free assistance to coastal property owners and has developed tools to help manage erosion along Ohio's Coast.

Learn about the proper design of coastal structures in the:

Ohio Coastal Design Manual

<http://LakeErie.ohiodnr.com/Design>



Learn about erosion control recommendations in the:

Lake Erie Shore Erosion Management Plan

<http://LakeErie.ohiodnr.com/Erosion>

