

GEOBLOX[®]

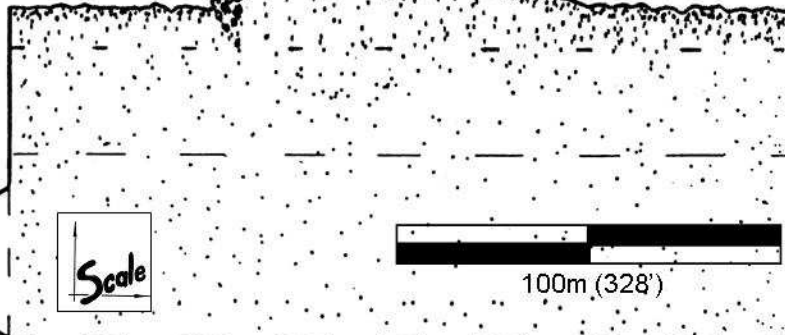
Groin

Base








Instructions:

1. For best results, copy this pattern onto cardstock.
2. Color the model before cutting out the parts.
3. Cut along solid lines, fold along dashed lines, and glue along dotted lines.
4. Assemble the Base.
5. See image of completed model above.



Color Key:

-  Ocean (blue)
-  Beach sediments (tan)
-  Rock Groin (gray)
-  Longshore Current (red)
-  Breaking Waves (white)

Groins

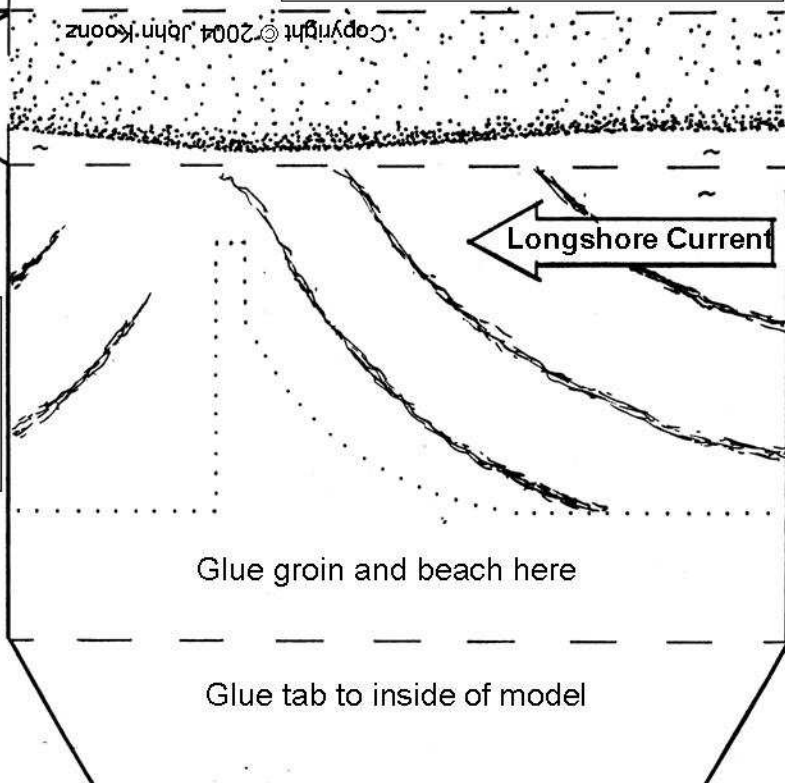
Groins are artificial structures built along coastlines to help widen developed beaches, and so help the local tourist industry. Groins are separated from each other at distances of approximately one and half times their length.

As the longshore current transports sediments along the coastline, waves refract around the groins and drop their sediment load. This results in a widening of the beach down current from the groin. Some of the sediment is also transported around the groin to be deposited farther along the coast.

Attach to another Groin model here to form a series of groins.

Attach to another Groin model here to form a series of groins.

Copyright © 2004 John Koehn



Attach several Groin models together to form section of coastline.

Glue groin and beach here

Glue tab to inside of model