

WHY GROINS ARE BAD FOR THE ENVIRONMENT

- They rob sand that naturally nourishes the beach.
- They accelerate beach erosion farther away.
- They're ugly.
- They restrict public access.
- They beget other groins to counteract the effects of the first. So like potato chips, you can't have just one.

GROINS WORK BY INTERFERING WITH NATURAL FLOW OF SAND

Rock walls, like groins, that are built perpendicular to the beach control erosion by intercepting sand that naturally moves along beach with the current. The beach on one side of the groin builds up but the beach on the other side erodes more quickly because it is starved of sand.

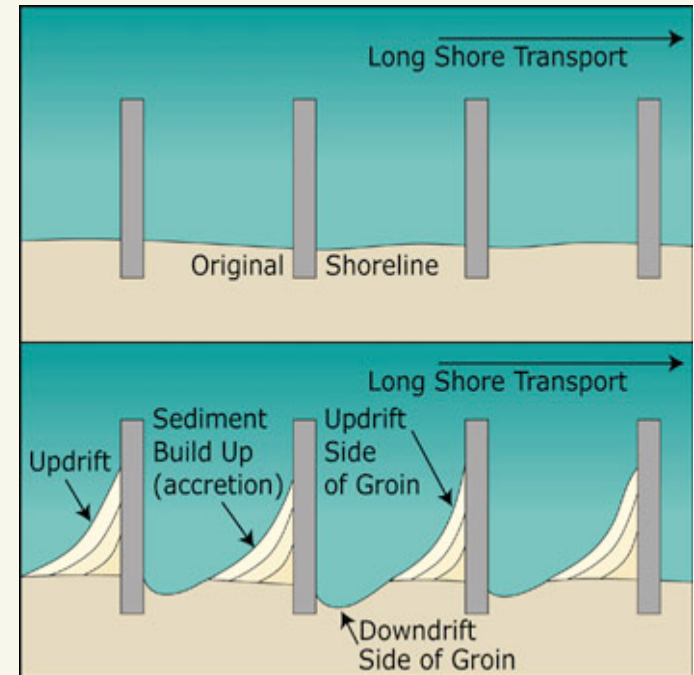
Proponents claim, though, that "terminal groins" are magic, that they defy the laws of physics. They work without harming the beach.

NO EVIDENCE THAT GROINS ARE BENIGN

The N.C. Coastal Resources Commission, at the behest of the legislature in 2009, hired engineering consultants to study the effects of terminal groins. They could find no scientific evidence that "terminal groins" won't harm beaches.

<http://dcm2.enr.state.nc.us/CRC/tgs/terminal%20groin%20study.html>

After completing the study the commission could find no compelling reason to recommend that the ban be changed.



43 OF THE STATE'S TOP COASTAL SCIENTISTS ASKS THAT YOU HOLD FIRM ON THE BAN: [HTTP://WWW.WCU.EDU/4402.ASP](http://www.wcu.edu/4402.asp).