

WATCH "A MAN AMONG WOLVES" ON NATIONAL GEOGRAPHIC CHANNEL



THE  
ROOTS OF  
HIP-HOP

NATIONALGEOGRAPHIC.COM/MAGAZINE

APRIL 2007

# NATIONAL GEOGRAPHIC

**SPECIAL REPORT**

## Saving the Sea's Bounty

The Majestic Bluefin  
Safe Haven in New Zealand  
Village of Empty Nets



## The greening of the blue

Novel aquaculture methods include deepwater cages supported by pillars operated by Snapperfarm, Inc., off Puerto Rico to grow cobia (right). With this open-ocean system, currents disperse excrement from the fish, but with farms in coastal shallows, waste builds up, polluting the waters. Aquaculture companies usually feed carnivorous fish smaller fish of other species, but Snapperfarm raises its cobia from fingerlings to 12-pound adults in a year on a diet of half grain, half fish meal and hopes eventually to eliminate fish from the feed. Aquaculture now contributes nearly 50 percent of the world's seafood, filling the void left by declining stocks in the wild.

Icelandic fishermen use the open air or geothermal heat to dry some 12,000 tons of cod heads a year for export to Nigeria—an unusual instance of fish protein going to, rather than from, Africa.



BRIAN DEERY (ABOVE); RANDY OLSON