The Human Dimension of Jellyfish Blooms

BIO/FIS Topic Session 2
PICES XV Annual Meeting
Yokohama Japan

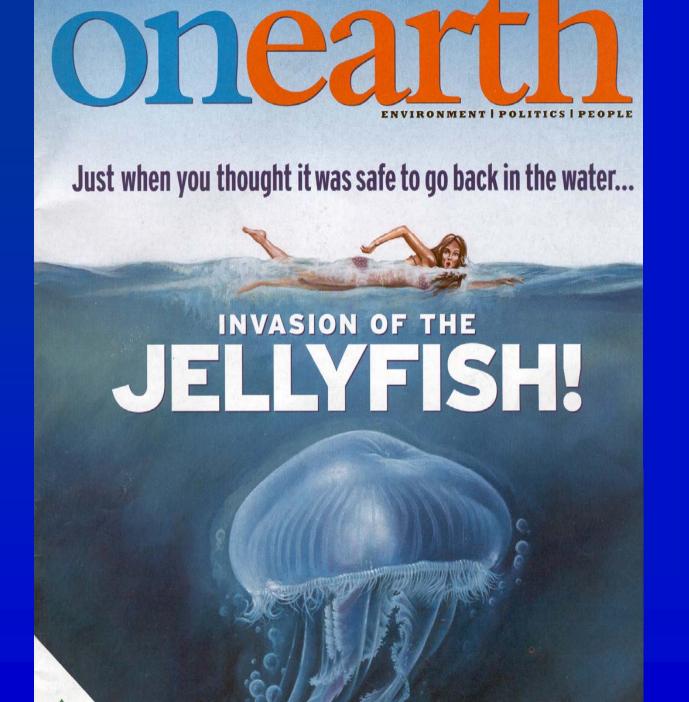
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Why are jellyfish such a hot topic?

In recent years, there have been some major increases in jellyfish populations throughout the world's oceans which has led to a lot of scientific interest as to the causes of these outbreaks.

Are these natural occurrences?

Are these the result of human activity such as overfishing, species introductions, pollution?





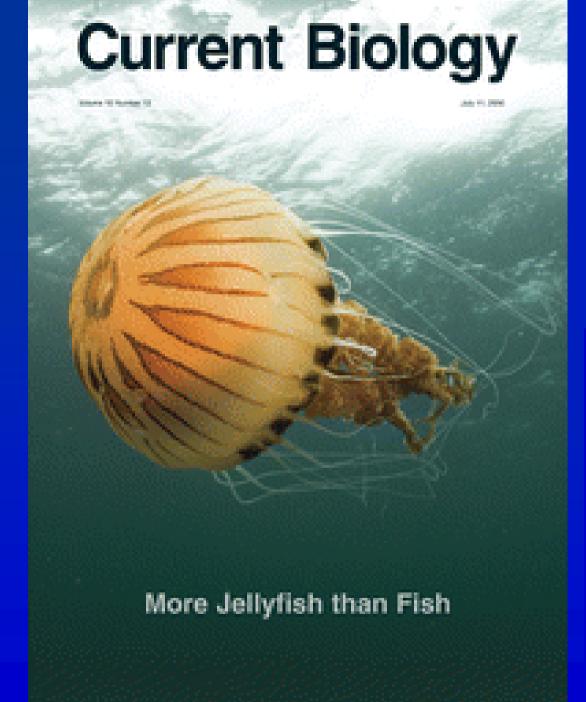








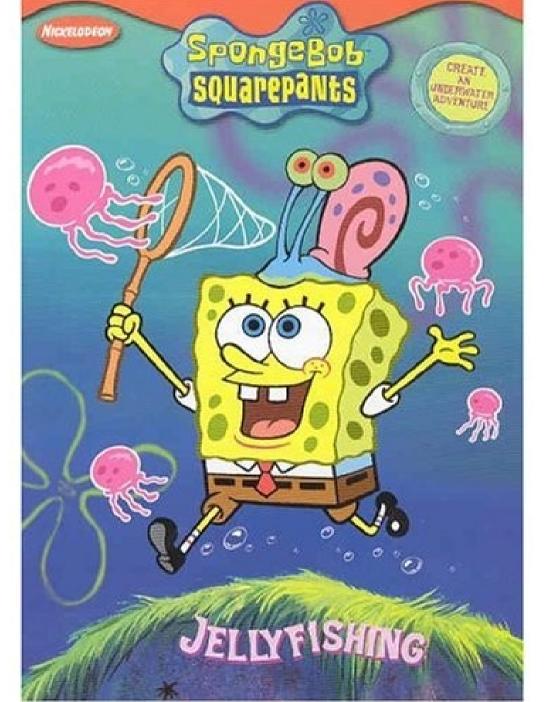




Dramatic Increase in Jellyfish in Benguela Current

Lynam et al. 2006. Current Biology 16(3)

"Jellyfish play potentially major controlling roles in marine ecosystems and in this era of apparent jellyfish ascendancy, marine ecosystem managers and modellers cannot afford to ignore them."



The Future?