

Lessons from the Deep:

What the Oceans are Telling Us and Why it Matters

Dr. David E. Guggenheim offers a unique perspective – from 2,000 feet beneath Alaska’s Bering Sea to the hallways of Washington, DC – on the critical issues facing the world’s oceans today.

The public is largely unaware that the oceans are in trouble or that there is a growing global seafood crisis, especially when “All You Can Eat” seafood buffets seem to suggest otherwise.

- 75 percent of U.S. seafood is now imported, creating an **\$8 billion** seafood deficit
- 75 percent of the world’s fish stocks are overfished, and recent studies predict total **collapse by 2048**.
- **90 percent** of large predatory fish, like tunas and sharks, have been eliminated over the past 50 years
- The way we catch fish, clear-cutting the bottom of the ocean, is destroying ocean ecosystems, including the **oldest animal alive today**: Deep corals up to 4,000 years old
- Fortunately, consumer choices can make a difference, and the best choices for conservation are usually the **best choices for our health**, such as avoiding **mercury**

Story Ideas:

- **Sushi Today, Gone Tomorrow**: The Seafood Crisis and How the Choices You Make Matter to the Oceans and Your Health
- **Beneath the “Deadliest Catch”**: The Untold Story from 2,000 feet Under Alaska’s Bering Sea
- **Fish Out of Water**: Why Growing Seafood on Land, not in the Ocean, is the Future
- **The Oldest Living Animal on the Planet and Why We’re Killing it by the Ton**: A Firsthand Account
- **Deep Wonder**: A New Era of Exploring the Oceans



Dr. David E. Guggenheim is a marine scientist, ocean explorer, submarine pilot, and conservation policy specialist based in Washington, DC where he is president of the nonprofit organization **1planet1ocean**. He also directs the **Cuba** marine research program for the Harte Research Institute at **Texas A&M University**.

In 2007 he was scientific advisor for an expedition to explore deepwater corals in the **Bering Sea** where he piloted the first-ever manned submersible dives into the Bering Sea’s largest underwater canyons.

Guggenheim was formerly Vice President for Conservation Policy at **The Ocean Conservancy** in Washington, DC. Prior to that he was President & CEO of **The Conservancy of Southwest Florida** in where he also co-chaired the **Everglades Coalition**.

Guggenheim writes the **OceanDoctor** Blog (www.oceandocto.org) and hosts the **ExpeditionCasts** podcast series.

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