



possible & not so possible futures



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EPISODE

EARTH: THE OCEAN FARM

April 2, 2019



Today we travel to a future where fisheries collapse, and we turn the ocean into a giant farm.



Scientists

- Amanda Nickerson, director of international fisheries at The Pew Charitable Trusts
- Daniel Pauly, professor University of British Columbia, principal investigator at Sea Around Us, author of *Vanishing Fish: Shifting Baselines and the Future of Global Fisheries*
- Bernhard Friedrich, founder of Santa Barbara Mariculture
- Tyler Schrodick, senior scientist, InnovaSea Systems Inc.
- Patricia Mallal, vice president, Peru of Omega

Further Reading:

- The future of fish
- Marine defaunation: Animal loss in the global ocean
- Pacific Bluefin Tuna Stock Remains Heavily Depleted, New Science Shows
- Vanishing Fish: Shifting Baselines and the Future of Global Fisheries
- Devoted to Keeping Lobster Shells of Honduras Afloat
- Archaeologists find world's oldest fish hook
- UN Fisheries Report
- Daniel Pauly TIO Talk: The ocean's shifting baseline
- Impacts of Biodiversity Loss on Ocean Ecosystem Services
- Ethical Issues in Aquaculture Production
- Aquaculture environment interactions: Past, present and likely future trends
- Accelerated modern human-induced species losses: Entering the sixth mass extinction
- Mariculture: A global analysis of production trends since 1950
- InnovaSea Mariculture
- China's aquaculture and the world's wild fisheries

Actors:

- The Snowglobe Narrator: [Brent Rose](#)
- Lenny Haywood: Evan Johnson
- Farah Moustarian: [Zahra Noorbakhsh, host of Good Muslim, Bad Muslim](#)
- John Jacob Siwa: [Joseph Jones](#)
- Juana Aguilar: [Tamara Krinsky](#)
- Christina Amity: [Angeli R. Fitch](#)

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Flash Forward is produced by me, Rose Eveleth. The intro music is by [Asura](#) and the outro music is by [Hussalonia](#). The episode art is by [Matt Lubchansky](#). Special thanks this episode to the [Women Audio Mission](#) studios, [Maryam Qudus](#), Stephanie Lopez, The Potluck Podcast studio, the [Potluck Podcast Collective](#) and [Quincy Surasmith](#).

If you want to suggest a future we should take on, send us a note on [Twitter](#), [Facebook](#) or by email at info@flashforwardpod.com. We love hearing your ideas! And if you think you've spotted one of the little references I've hidden in the episode, email us there too. If you're right, I'll send you something cool.

And if you want to support the show, there are a few ways you can do that too! Head to www.flashforwardpod.com/support for more about how to give. But if that's not in the cards for you, you can head to [iTunes and leave us a nice review](#) or just tell your friends about us. Those things really do help.

That's all for this future, come back next time and we'll travel to a new one.

AUDIO of Daniel Pauly's interview: <https://s3-us-west-2.amazonaws.com/legacy.searoundus/TVRadio/2019/FlashForward+podcast+-+April+2%2C+2019+-+EARTH+The+Ocean+Farm.wav>

Link: <https://www.flashforwardpod.com/2019/04/02/earth-the-ocean-farm/>