

Climate Change Solution: Fisheries ft. Daniel Pauly | How To Solve Climate Change Course



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Today you will learn from expert guest Daniel Pauly about fisheries, why it may or may not help solve climate change, how it works and what needs to still be done for it to be an effective solution to climate change.

Dr. Daniel Pauly is a French and Canadian citizen who completed his high school and university studies in Germany; his doctorate (1979) and habilitation (1985) are in Fisheries Biology, from the University of Kiel. After many years at the International Center for Living Aquatic Resources Management (ICLARM), in Manila, Philippines, Daniel Pauly became in 1994 Professor at the Fisheries Centre of the University of British Columbia, Vancouver, Canada, of which he was the Director for 5 years (Nov. '03-Oct. '08). Since 1999, he is also Principal Investigator of the Sea Around Us Project (see www.seaaroundus.org), funded for 15 years by the Pew Charitable Trusts, Philadelphia (currently by a number of foundations), and devoted to studying, documenting and promoting policies to mitigate the impact of fisheries on the world's marine ecosystems (see AMBIO, 34:

290-295, 2007). Daniel Pauly has supervised a large number of Master and PhD students in the Philippines, Germany, and British Columbia. Details on the projects of his current students can be obtained here. The concepts, methods and software which Daniel Pauly (co-)developed, documented in over 1000 scientific and general-interest publications, are used throughout the world, not least as a result of his teaching a multitude of courses, and supervising students in four languages on five continents. This applies especially to the Ecopath modeling approach and software (<http://sirs.agrocampus-ouest.fr/EcoBase/>) and FishBase, the online encyclopedia of fishes (www.fishbase.org), the latter recently complemented by SeaLifeBase (www.sealifebase.org).

Timestamps:

0:00 Intro

1:02 What are fisheries?

1:33 Why would fisheries help to solve climate change?

8:04 How do fisheries work?


14:14 What innovation or policy is needed for this to be an effective solution?

16:58 Recommended resources

17:23 Top skills to learn for solving climate change

20:40 Activity

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 In this course you will hear from leading scientists to non profit leaders from around the world sharing their expertise on climate change and the exact skills you will need to solve this challenge.

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