



Session 7: Monday 8<sup>th</sup> April

DAVID ROBERTS

*LAND-BASED AQUACULTURE AND FOOD SECURITY*

**Key lecture topics**

- Role of Aquaculture in the World
- Aquaculture - Systems and Practices
- Sustainable Aquaculture – Issues/Planning and Development/Integrated Systems/Aquaponics
- Future of Sustainable Aquaculture

**Preparatory materials (*read at least one*)**

J.A. Pradeepkiran, [Aquaculture role in global food security with nutritional value: a review](#), *Translational Animal Science* 3 (2), 2019.

Grant Stentiford *et al.*, [Sustainable aquaculture through the One Health lens](#), *Nature Food* 1(8) pp. 1-7, 2020

**Optional extra materials (*not compulsory*)**

Financial Times, [A better way to farm fish | FT Food Revolution](#), Oct. 2023 (video: c. 12 mins)

Sustainable Blue, [Our Story](#) (video: 3.20 mins)

FAO, [The State of the World Fisheries and Aquaculture: Towards Blue Transformation](#), 2022. Also available in [five other languages](#).

[GreenWave website](#)

David Roberts, "[Sustainable Aquaculture: Protecting our Oceans and Feeding the World](#)" in *The Future of Ocean Governance and Capacity Development: Essays in Honour of Elisabeth Mann Borgese (1918-2002)*, edited by IOI-Canada (Leiden: Brill Nijhoff, 2018) pp. 373-378.

**Question (for reflection only, not written response)**

What if the world's oceans were fertile farmlands?