

The role of aquaculture in the climate change

Responsible fish farming can provide affordable, healthy protein in a sustainable way, helping to feed the world while also relieving the pressures on wild fish stocks. Seafood is already vital to the health of billions around the world, and seafood production processes have a lower carbon footprint than any other animal processes.

Reducing the environmental impact of farmed fish by:

- Putting limits on medication and chemical use
- reducing antibiotic use
- monitoring of nearby water and the seabed for pollution
- protecting biodiversity and important habitats
- monitoring fish farms' energy use and emissions

Micro and Macroalgae appear to be a major source that can sequester high level of CO₂ and can replace fossil fuels.

- Microalgae can be used to capture CO₂ from
 - power plants
 - steel
 - cement
 - oil
 - automobiles
- Macroalgae can be used to produce bioethanol