



Strategic Considerations



UN Bottom Trawling Workshop, 2-3 August 2022
UNHQ, New York, NY

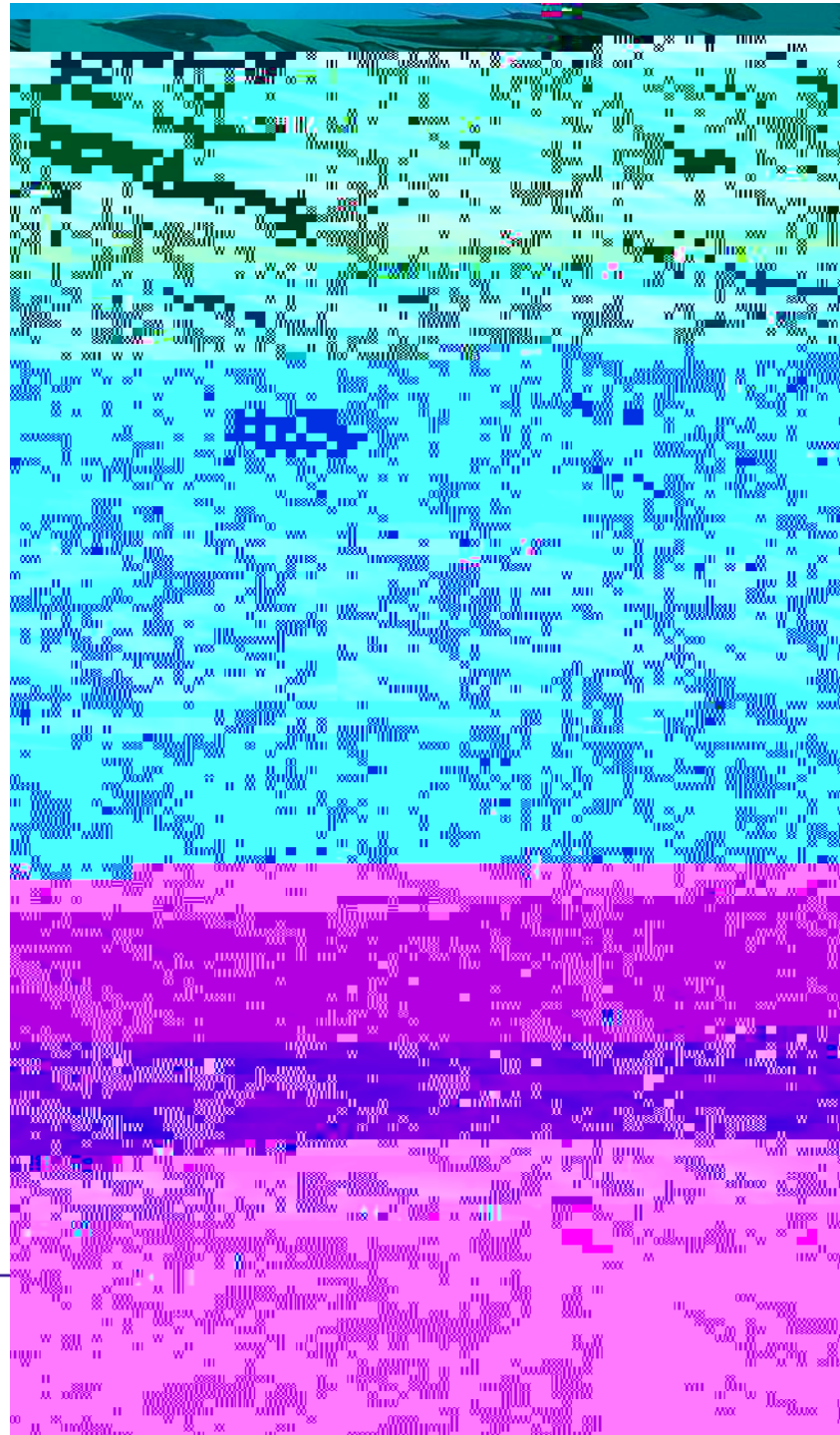
Outline

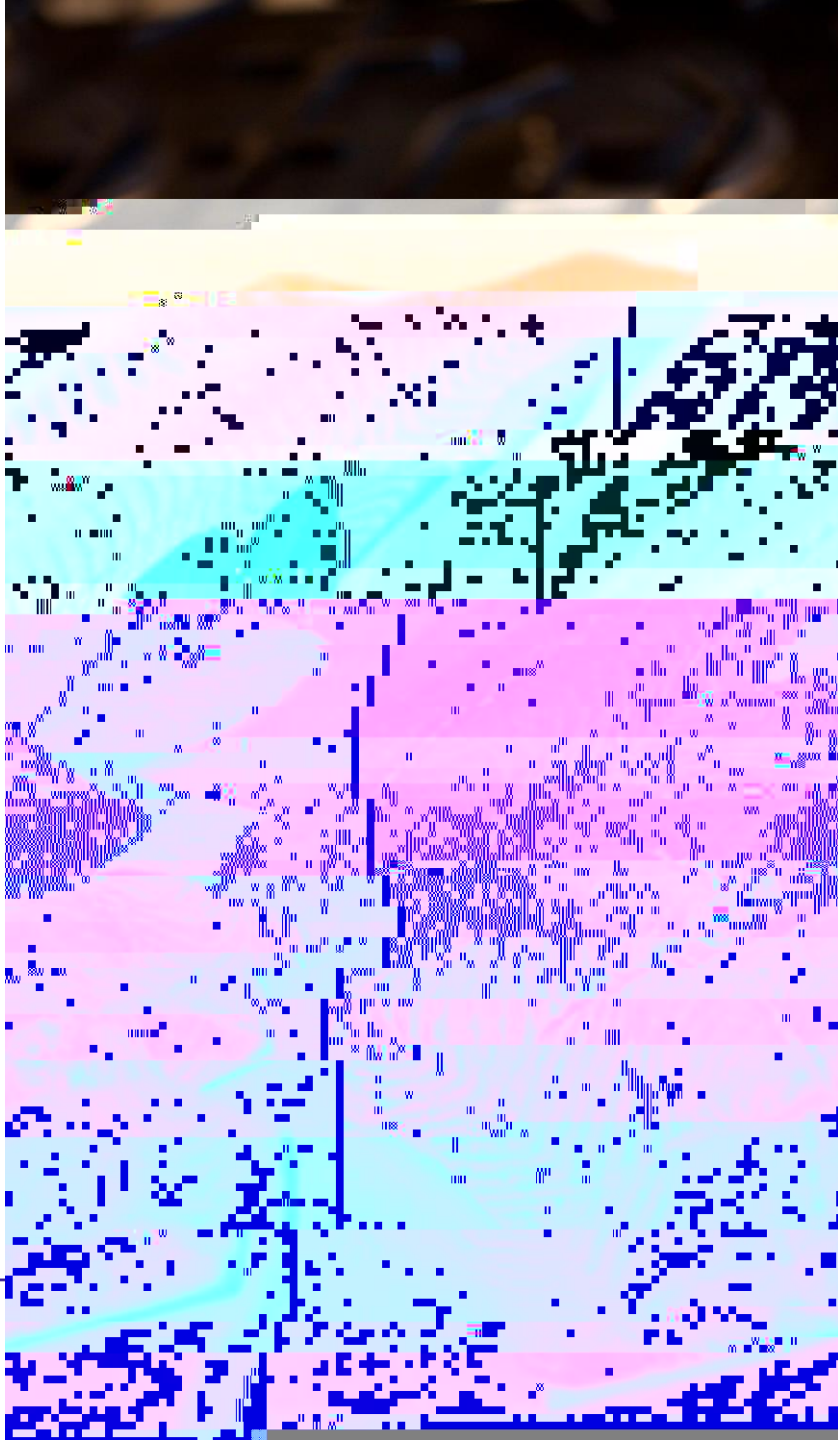
- Broader Considerations
- Bottom Trawling Context
- Industry Innovations
- Concluding Remarks





Broader Considerations





- the ocean could supply over **six times more food** than it does today
 - more than **2/3 of the animal protein needed** to feed the future population



Increasing the fraction of ocean-based food in the global diet, and reducing the share of animal-based foods, would contribute significantly to climate change mitigation.





provides essential vitamins,
minerals, omega-3 fatty acids and
other nutrients not found in plant-
source foods or other proteins





Nearly 10% of greenhouse gas emissions
arises from
food production

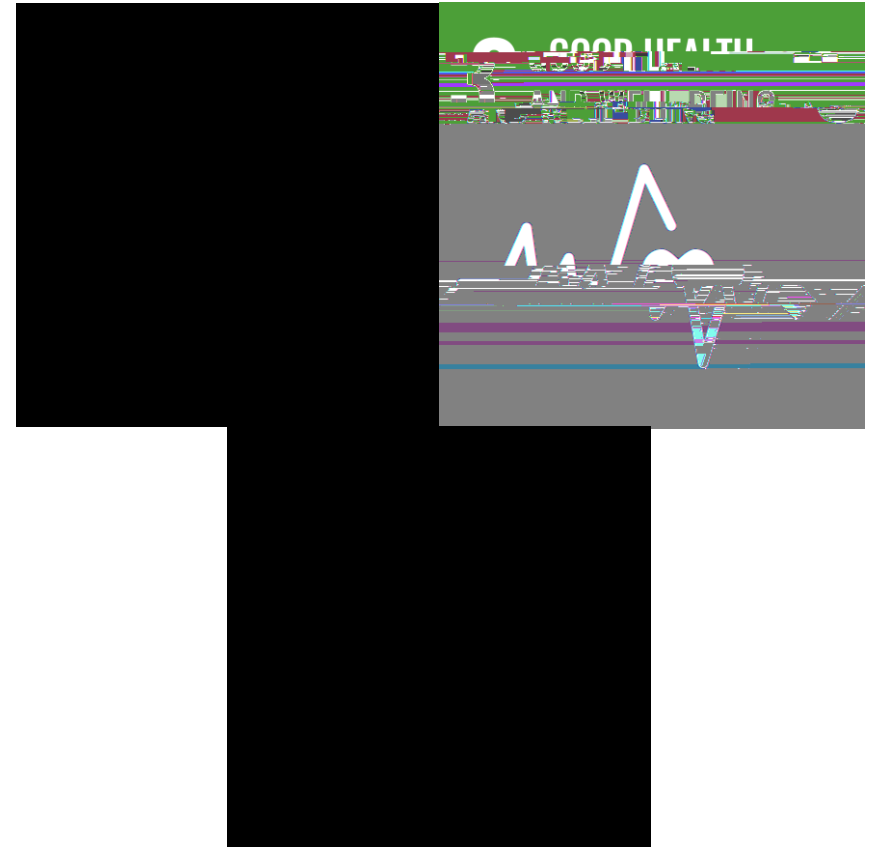




Bottom Trawling Context

Contributing to SDGs

- Bottom trawling is critical to global food security
 - About 19 million tons
 - About 25% of all wild-caught seafood



Effective Management is Key

Pitcher et al (2022)
found 15 of 24 regions



Canadian Sector





Industry Innovations

Precision Fish Harvesting

- Herding and deterring technologies; hydrodynamics; optical radar; hydroacoustics
- Minimize benthic disruption
- Reduce fuel usage and GHGs
- Increase yield
- Reduce bycatch





Concluding Remarks

Having the Proper Mindset

- Recognize the greater imperatives
- ‘Can-do’ attitude
- Moral obligation to do the right thing for the greater good

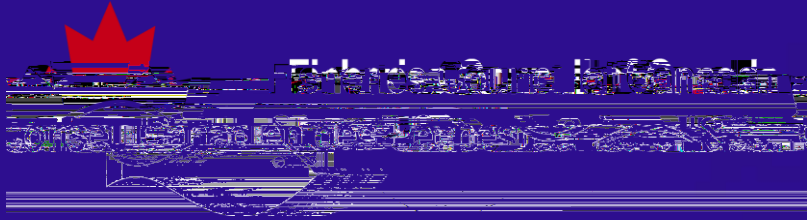


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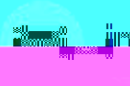




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