

Lecture 11 4GEO: Climate change and food security

Agriculture: fishery (rural area) - Fishery in the context of climate change

Lecturer: Prof. F. K. E. Nunoo

Course objective: This course aims at introducing basic concepts of fish, fisheries and climate change to students in order to help them understand the contribution and impacts of global climate change on fish resource dynamics and therefore fisheries management.

Teaching method: Presentations, class discussions and reading assignments. Enquiry guided approach to teaching is adopted leading to Interesting interactive sessions. All are encouraged to share experiences from their countries.

Course Synopsis

Introduction and Course overview

- Theoretical concepts
- Natural resources
- Population dynamics
- Policies and institutions
- International Law and conventions
- Transboundary issues
- Food production trends and variability
- Supply chains
- Biotechnology
- Climate change impacts on fisheries
- Mitigation strategies
- Management
- Methodologies and research (cases studies).

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