Innovative Greenhouse Gas Reduction through Marine Ecosystem

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Blue Carbon

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Ministry of Oceans and Fisheries



Blue Carbon A shift of marine conservation paradigm for greenhouse gas reduction







Application of Machine learning

- Researches on saltmarsh vegetation sofar have been emphasised fundametal structure such as distribution and density; no research on species-based biomass or on shore seagrasses to estimate the amounts of blue carbon
- Habitation of saltmarsh vegetation at inaccessible tidal flat will be explored by repeated learning of satellite image complied in-situ data



Field data acquisition system for Blue Carbon measurements



Blue Carbon is an economic means to reduce greenhouse gas



Increasing global movements to include the marine ecosystem as a carbon sink beyond the forests

Roadmap on Blue Carbon research project





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