3.11 East Japan Disaster

- 9.0 earthquake and tsunami cause major damages

http://www.youtube.com/watch?v=9dQDWmuNV_Y&feature=youtu.be&t=10s
Outline

- For APEC economies, the Pacific Ocean is a critical component for a viable economy.
- ‘Blue economy’ represents the sustainable ‘Green economy’ of marine environment, ecosystem and coastal communities.
  

- In APEC Workshop on FS, Fisheries, Natural Disasters, and the Prevention & Reconstruction should be also considered. Why?
Fisheries in Japan

- Northwest Pacific Ocean surrounding Japan is one of the world's three major fisheries.
- Seafood has long been a staple food in Japan’s culinary culture.

Damages from 3.11 Disaster

- Fisheries Damage: 1,264 billion J.Yen (15.8 billion US$ as of 03/05/2012)
- 52% of total damage of related to Agriculture, Forestry & Fisheries
- 100% damage: Fisheries in the Fukushima, Miyagi, Iwate
- Fisheries-related damage in Iwate = approx. 10.3 times the amount of annual production
One Year Later

- Total Recovery: 50% of pre-3.11 level
- Fishing Boat repaired: 95% of restore goal
- Fisheries landing: 70% of pre-3.11 level
- Processing Facilities: 55% of pre-3.11 level

Supply Chain Management:
Ice making, freezing, packaging, processing facilities, warehouses, and the workers are imperative for reconstruction and new innovation.
Case Study: Sojitz Seafood Factory
Soon after the 3.11 Disaster (03/17/2011)
Backyard of Sojitz Seafood Factory
Seafood Factory, Main entrance
Soon after the 3.11 Disaster (03/17/2011)

Bottled salmon flakes remain in the sterilizing machine
Relocation and Expansion of the new facility
Completion of the new factory 【02/15/2012】
Test Run with old and new employees 02/16/2012

Thank you for your support, Arigato!