## Japan – 24 months After

## Presented on April 26/2013 at SFU Halpern Centre - Fighting Mega-Disaster









## The Earthquakes

- 1. 2011 Mar 11 (Fri) at 2:46 p.m. (Japan Standard Time)
- 2. Area: 200 km by 500 KM, Epicentre 370 KM North of Tokyo
- 3. Three major quakes: about 90 second each at magnitude  $9.0\,$
- 4. Over 500 aftershocks in 3 weeks, the largest at 7.2 magnitude
- 5. Maximum Peak Ground Acceleration of 2.7
- 6. Topography of the area similar to the BC and WA outer coast
- 7. Japan now 15 feet closer to North America!!
- 8. Casualties: ~19,000 as of 2013 Mar

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2.	Impacts – Social:	
	Loss of identity (Vital Records): Government Identification P Bank Identification Medical Records Family Picture Albums/mem Displacement of residences (-2 Isolation from usual contacts ar Inadequate care for the aged, in Slow re-building process Off-Nuclear Movement	apers torabilia 220,000) nd social interaction nvalid and young
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2	Impacts – Economic:	
1. In 2. C 3. Fu	pacts to the Japanese Economy: DGP – Negative Growth Supply Chain - International Reput osts of Recovery: Recovery from Earthquake/tsunam Nuclear Accident: Inding for Recovery: National Debt and Tax Increases Curtailment of Social Services Industry Contribution	ation i: ~~\$250 billion ~~\$250 billion
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3.4 "Regulatory Capture" Syndrome
Definition: "regulatory agencies come to be dominated by the industries regulated".
<ol> <li>METI officials retiring into TEPCO executive suites.</li> <li>METI oversees the NISA(Nuclear and Industrial Safety Agency and Committee).</li> <li>Toshiba and Hitachi executives joins NISA.</li> </ol>
METI – Ministry of Economy, Trade and Industry
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