Welcome Address and Keynote Lecture

### Fault Crossing Pipeline

Masakatsu Miyajima Professor of Kanazawa University, Japan

## History of this workshop

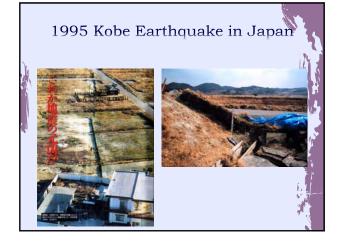
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- 2: 2001.8.6-8 JWWA, Japan
- 3: 2003.8.6-8 LADPW, USA
- 4: 2005.1.26-28 Kobe City, Japan
- 5: 2007.8.15-17 EBMUD, USA
- 6: 2009.10.14-16 NCREE, Taiwan
- 7: 2011.10.12-15 Niigata City, Japan
- 8: 2013.8.21-23 EBMUD, USA
- 9: 2015.10.14-16 Sendai City, Japan

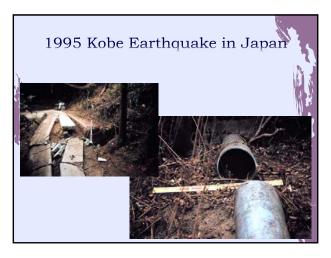
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- Surface faulting in the past earthquakes
- Damage to pipelines in the 2014 Kamishiro Fault Earthquake in Japan
- Concluding remarks

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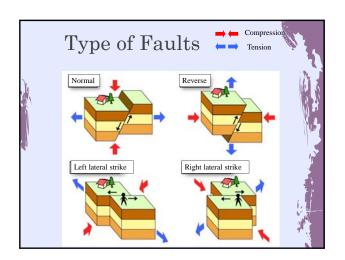
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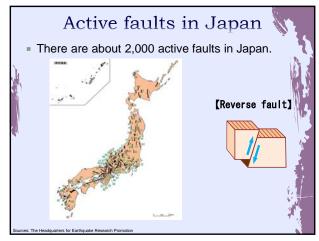


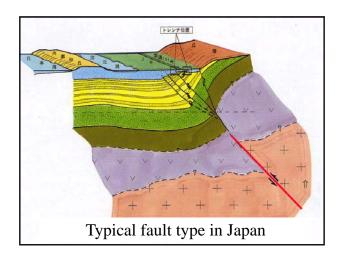


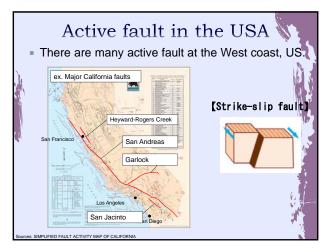


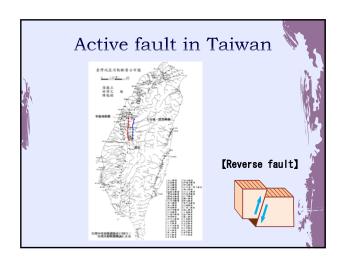


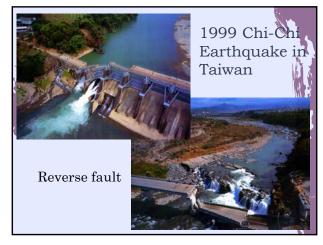


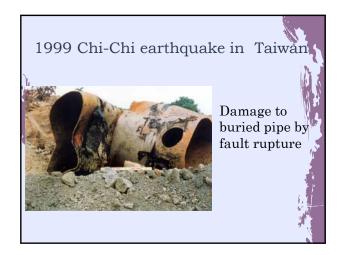


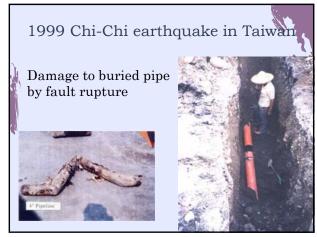




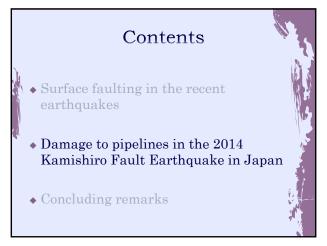


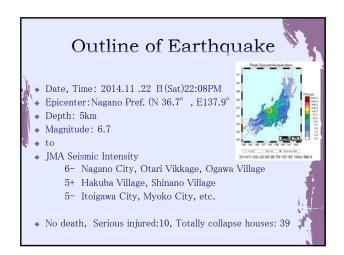








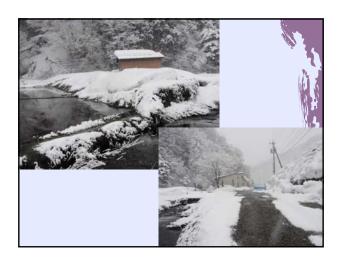






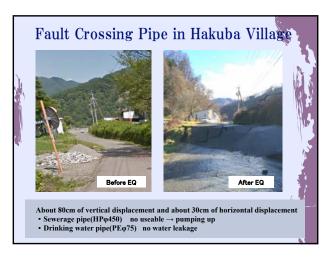


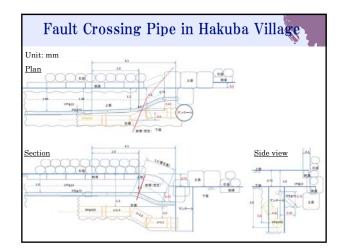






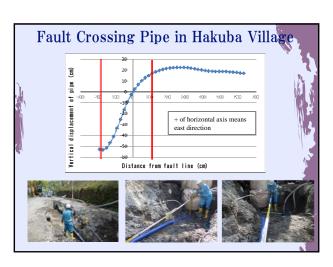












# Fault crossing pipeline (15th Oct)

- Jiunn Liang Lin, Taiwan Water main
- Keita Oda, Japan
  Earthquake resistant ductile iron pipe
- Calvin Huey, USA
  Water treatment plant
- Hayato Nakazono, Japan Steel pipe
- Gee-Yu Liu, Taiwan Water main

