
Tuesday, Aug. 15, 16:10-18:10 Session I

Earthquakes

Chair: Dr. Polat Gulkan

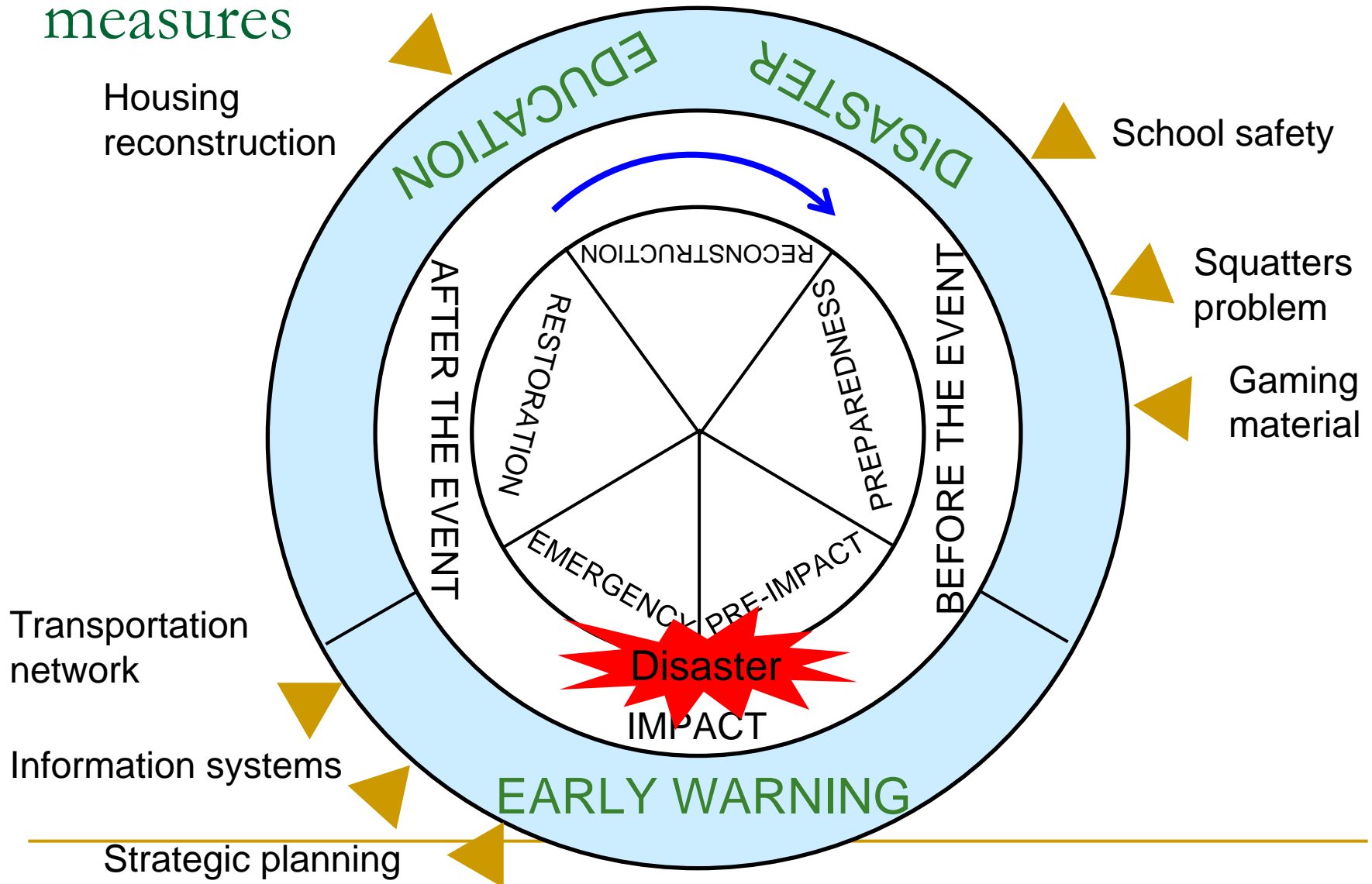
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Keywords for each talk

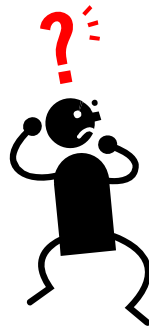
- Elnashai: Transportation network analysis
 - Ashtiany: School safety in Iran
 - Green: Squatters problem in Istanbul
 - Kakumoto: Information system contribution
 - Sadeghi: Strategic planning
 - Sakakibara: House reconstruction strategy
 - Yamori: Gaming material for education
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Disaster risk management cycle and earthquake measures



Common factors?

- Measures to reduce earthquake damage
- ...
- Why so much of variety?



Common factors

- Human behaviors
- Disasters make various human real nature reveal.
- Human behavior is culturally contextually dependent, while it has not that different among countries.



Two cases in Istanbul

- Squatter and unauthorized construction problem (Green)
 - **Distrust in building process, design engineers.**
 - **Trust in own housing**
 - “an illegal building is better” “what my family did is really strong.”
 - Multi-language interface in information systems (Kakumoto)
 - **Local governments’ needs are nearly equal in different countries such as Philippines, Turkey and Japan.**
 - **Common platform**
 - Multilanguage support → with extended functions. Use common system for daily tasks.
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