



東北大学 災害科学国際研究所

災害リスク研究部門 津波工学研究分野

ICT Use in Disaster Evacuation of ASEAN Citizens: Lessons Learned from the 2011 Great East Japan Earthquake and the 2016 Kumamoto Earthquakes

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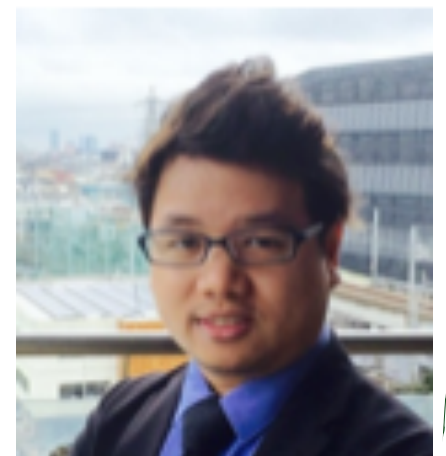
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The Third JASTIP Symposium :: February 05, 2017



April 17, 2016 (Sun)

- 08:43 RTE posted **situation summary**
- 11:07 RTE posted **situation summary**
- 12:30 RTE took Thai students from **Kumamoto University**
- 12:41 TSAJ opened **new emergency email** address
- 13:10 RTE posted **TV news** on evacuation of Thai citizens at Yufuin
- 14:04 RTE posted that **87 Thai** were evacuated by bus from **Beppu Arena** to **Fukuoka Airport**

April 17, 2016 (Sun)

- 15:55 Evacuees arrived **Global Arena**, Fukuoka
- 16:30 Evacuees arrived their decided destinations (e.g., **Fukuoka Airport, Fukuoka City**)
- 17:10 Evacuees from Kumamoto arrived destinations (e.g., **Fukuoka Airport, Global Arena**)
- 17:54 RTE shared **Kumamoto Airport and Shinkansen situation**
- 18:23 Evacuees from Yufuin arrived destinations

April 19, 2016 (Tue)

- 12:03 RTE helped evacuating the **last Thai group** from shelter to their destination in Fukuoka











Source: Interviews, SNS data

Image source: <https://www.facebook.com/rtejapan>

Hotlines & Emergency email

- **RTE**: Received **200 cases** via hotlines
 - 30-40% tourists
 - 60-70% students
- **TSAJ**: Received **2 cases** via emergency email
 - 100% students

Lessons Learned

- **Database** of citizens staying/visiting overseas
- **Evacuation plan**
- **Multi-channel communication**
 - Telephone 
 - email 
 - Website 
 - SNS       

Suggestion to Thai People staying/visiting Japan

- **Register your information** at the Royal Thai Embassy Tokyo's site: <http://site.thaiembassy.jp/th>
- **Study instruction on safety confirmation**
 - Mobile app/Disaster Message Board
- **Check the nearest evacuation shelter**
- **Check free Wi-Fi spots**
 - Ex. “7SPOT”, “LAWSONFreeWi-Fi”, “Famima_Wi-Fi”
- **Prepare emergency bag** and necessary things

Future Works

- **Phase 1b (2017):** Comparison with the 2011 Great East Japan earthquake
- **Phase 2 (2017-2018):** Focusing on evacuation of Indonesian/Malaysian during the 2016 Kumamoto Earthquakes
- **Phase 3 (2018):** Focusing of community disaster education and disaster drills in Thailand, Indonesia, Malaysia

THANK YOU

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