NUMADA LAB.
Disaster Management Training by Critical Thinking

Department of Human and Social Systems
Emerging Design and Informatics Course, Interfaculty Initiative in Information Studies

Disaster Management
Department of Civil Engineering, Graduate School of Engineering
Emerging Design and Informatics Course, GSII

https://tdmtc.tokyo/

Past experience

2011 Tohoku disaster
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2016 Kumamoto earthquake

Database of past experience
North Kyushu heavy rain

2018 Western Japan heavy rain

Standard Process/ modeling

Based on the past disaster management research results, 47 kinds of response categories and 500 processes are defined

Technology/ Social System

- Business Operation Support System (BOSS)
  - Voice - text Analyzer
  - Drone system
  - Ground survey system etc.

Real Disaster

2016 central Italy earthquake

Support for the real disaster field by DMTC team

2018 Kurasaki city

Training

All photos: Trial Training
(1) Nov. 27th to 30th, 2018 (4 days)
  @Minami-ku town, 70 participants
(2) Dec. 19th to 21st, 2018 (3 days)
  @IFS: 50 participants
(3) Feb. 12th to 15th, 2019 (4 days)
  @Minami-ku town, 120 participants
(4) March 13th to 15th, 2019 (3 days)
  @IFS: 60 participants

Use of former Kihama Elementary School which became abandoned school in Minamiizu Town.
For regional revitalization Contribution

Training starts from October 2019:
Systematic and practical training for central and local governments, business sectors/companies, local disaster prevention leaders, etc.