Numada lab.
Disaster Management Training
by critical thinking

Department of Human and Social Systems
Emerging design and informatics course, Interfaculty Initiative in Information Studies

Civil engineering Disaster management http://tdmtc.tokyo/

Past experience

2011 Tohoku disaster

2016 Kumamoto earthquake

Database of past experience

North Kyusyu heavy rain

2018 Western Japan heavy rain

Standard Process/ modeling

Technology/ Social System

Training

Real Disaster

Past experience

2011 Tohoku disaster

2016 Kumamoto earthquake

Database of past experience

North Kyusyu 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.

Training

Support for the real disaster field by DMTC team

2016 central Italy earthquake

2018 Kurasaki city

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

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

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

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