



Indonesian's National Disaster Management Agency (BNPB) visited IRIDeS and the 2011 Japan tsunami affected areas (2022/9/26-2022/10/1)

Theme: Disaster countermeasures, green infrastructure, gray infrastructure, town planning
Location: IRIDeS, tsunami affected areas in Miyagi and Iwate Prefectures, Tokyo metropolitan
URL: http://www.coast.dpri.kyoto-u.ac.jp/satreps_bricc/
https://www.jst.go.jp/global/english/kadai/r0310_indonesia.html

IRIDeS members are among the main members of the newly started SATREPS project "Building Sustainable System for Resilience and Innovation in Coastal Community (BRICC)" targeting Indonesia which is supported by Japan International Cooperation Agency (JICA) and Japan Science and Technology Agency (JST). This project is led by Prof. Nobuhito Mori (Kyoto University) and co-lead by Prof. Taro Arikawa (Chuo University), Dr. Kojiro Suzuki (Port and Airport Research Institute) and Assoc. Prof. Anawat Suppasri (IRIDeS, Tsunami Engineering Lab). Indonesian's National Disaster Management Agency (BNPB) is one of the main members of the SATREPS project. High level persons of BNPB (Secretary General, Inspector General, deputies and head) visited several locations in Japan to learn about various perspectives of disaster countermeasures in Japan and possible application to Indonesia.

BNPB and JICA members started their visit by visiting IRIDeS in the morning of the 26th September including special lectures given by Prof. Fumihiko Imamura (Director of IRIDeS) and Prof. Shunichi Koshimura (Disaster Geo-informatics Lab). After that Prof. Yuichi Ono (2030 Global DRR Agenda Office), Prof. Taro Arikawa, Assoc. Prof. Anawat Suppasri, Assoc. Prof. Daisuke Sasaki (2030 Global DRR Agenda Office), Researcher (Specially Appointed) Miwako Kitamura (International Research Collaboration Office) escorted the group to the 2011 Japan tsunami affected areas in Miyagi and Iwate Prefectures including Sendai City, Sendai International Airport, Onagawa Town, Ishinomaki City, Minami Sanriku Town, Kesenuma City, Kamaishi City, Taro Town and Fudai village during 26-29 September. The visit was covered in the local news. The group visited other locations about disaster monitoring and emergency response in Tokyo during 30 September and 1 October including Japan Meteorological Agency (JMA), Chuo University, Tokyo Metropolitan, and JICA Headquarter led by Prof. Nobuhito Mori. At the JMA, the group hold a meeting with the Director General. BNPB learned about mitigation effects of both green and gray infrastructures and their combination, emergency response, town planning, storyteller in many perspectives. We expect that information earned from this visit will be adapted and implemented in Indonesia through this SATREPS project which will be conducted over five years (2022-2026).

Report: Anawat Suppasri (Tsunami Engineering Lab),
Daisuke Sasaki (2030 Global DRR Agenda Office) and
Miwako Kitamura (International Research Collaboration Office)
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Several meetings (IRIDeS)



Memorial facility (Sendai)



Sendai airport



Memorial facility (Ishinomaki)



Overturned building (Onagawa)



Storyteller (Minami Sanriku)



Memorial facility (Kesennuma)



Breakwaters (Kamaishi)



Seawalls (Taro)



Flood gate (Fudai)



Japan Meteorological Agency



Chuo University