

Activity of Technical Emergency Control Force (TEC-FORCE) of NILIM

1. About NILIM technical support

In times of disaster, NILIM dispatches specialists who have advanced, technical knowledge in each field such as, sewer, river, landslip protection, roads, and buildings based on the request from the Regional Development Bureaus or local government of the stricken areas. The dispatched specialists conduct the site investigation corresponding to the disaster situation, and conduct technical support etc. for the site and Ministry of Land, Infrastructure, Transport and Tourism to restore the area urgently and permanently.

During the Great East Japan Earthquake, 262 people (592 man-days) in total proceeded to the stricken area in the interim of immediately after the disaster of March 31, 2012, and conducted the evaluation for social capital facilities indispensable for life rescue and urgent restoration, and technical guidance for emergency restoration etc.

In FY2012, during the tornado disaster of Ibaraki Prefecture in May and the landslip disasters in the Tohoku and Kinki regions caused by Typhoon No.17 in October etc., it dispatched 27 people on 19 occasions in total (on January 25, 2013, following is same).

2. About TEC-FORCE of NILIM

The Ministry of Land, Infrastructure, Transport and Tourism dispatched specialist to the field as Technical Emergency Control Force (TEC-FORCE) when especially large-scale disaster stroke. In NILIM, 31 members were appointed as specialists who were the main TEC-FORCE, and the researchers who had the necessary technology were nominated

anytime as temporary members.

In FY2012, it dispatched 8 people in total (11 man-days) (see table) as members of the advanced technical guidance group TEC-FORCE for the seasonal rain front downpour centered on the Kyushu and the Kinki areas

3. Facing enhancement of the disaster support system in the future

In the future, it will be utilized for the decision of further technological standards, and for succession of advanced disaster technology and findings discovered through accumulating information of disaster and support into knowledge as a data base through engineering support.

And, it aims at more satisfactory correspondence by expanding TEC-FORCE members and conducting study courses



Figure Activity in the Kagetsu river

Table Dispatch results of TEC-FORCE in 2012 fiscal year (on January 25, 2013)

	Date	Location	Purpose	Dispatcher
Correspondence to seasonal rain front downpour from July 3	July 4	Chikugo river basin, Kagetsu river (Hita City, Oita Prefecture)	Disaster investigation, technical support and advice of restoration policy	River Department River Division HATTORI Atsushi, Head FUKUSHIMA Masaki, Chief researcher
	July 12 - 13	Shirakawa river basin, Shirakawa river and Kurokawa river Kikuchi river basin, Goshi river (Kumamoto City, Kumamoto Prefecture)	Disaster investigation, Technical support and advice of restoration policy	River Department TORII Kenichi, Water disaster prevention system researcher River Division Fukuhara Naoki, Researcher Research Center for Disaster Management Flood Disaster Prevention Division ITO Hiroyuki, head
	July 15	Yabe river basin, Yabe river and Okinohata river (Yanagawa city, Fukuoka Prefecture)	Technical advice of restoration policy etc	River Department River Division HATTORI Atsushi, Head Research Center for Disaster Management Flood Disaster Prevention Division KUBOTA Keijiro, Chief researcher
Correspondence to Heavy rain from August 13	August 20	Uji river basin, Midajiro river (Uji City, Kyoto Prefecture)	Confirmation of dike destruction mechanism and Technical guidance about the future correspondence	River Department River Division HATTORI Atsushi, Head