

Field Research on Typhoons Ondoi and Pepeng in the Philippines

Takashi Inokuchi¹, Tadashi Nakasu^{1*}, Teruko SATO², Shinya Shimokawa¹, Akiko Watanabe³

¹NIED, ²Tokiwa Univ., ³Toyo Univ.

Typhoons Ondoi and Pepeng caused one of the severest disasters in the Philippines' history. Typhoon Ondoi affected the Manila Metropolitan Area. 80 percent of the Area was inundated by the typhoon and heavy rain. The death toll was 337 people, 37 people were missing and feared dead, and the total number of people affected was 4 million as of 8th Oct.2009. Typhoon Pepeng which followed, attracted landslides and flooding and the death toll hit 433 people, 184 people were missing and feared dead, and the total number of affected people was 3.8 million as of 18th of Oct.2009. The research group was set up to respond to the above situations. The Research was conducted to outline the flood disaster situations in the Manila Metropolitan Area caused by Typhoon Ondoi and landslide disaster situations in Baguio city and its surroundings caused by Typhoon Pepeng and to collect the information for the forthcoming research. The research group also tried to share experience on disasters in Japan and the Philippines during the research for our common future.

The Investigation was mainly carried out by field research and interview research in the Manila Metropolitan Area, Baguio city, and Benguet Province. Concerning field research, landslide devastated situations and flood control systems were explored by field survey and hearing investigation. Concerning interview research, systematic interviews for the international and national disaster response organizations in the Philippines were conducted which tried to clear the relationship between social backgrounds, victims situations, disaster responses, and these typhoon disasters.

The investigation revealed that following overviews: 1)What did the natural environmental characteristics cause the disasters? 2)Why did the landslide disasters occur and were they exacerbated? 3)Why was the Manila Metropolitan Area inundated by the typhoon and concentrated heavy rain? 4)How did the government and local governments respond to the disasters? 5)How did the local people react to the disasters? 6) How were the victimization processes? 7)How did the International Aid Organizations or NGOs respond?

The research successfully gathered basic information on the disasters and disaster-related data for future study.

Keywords: The Philippines, Typhoon Disasters, Landslides, Floods, Disaster Response, Disaster Victims