

## Investigation on medical and public health damage by Typhoon Haiyan (Yolanda) (2014/1/16-24)

Location: Tacloban, Palo, Manila, Philippines

Topics: Rapid investigation on medical and public health damage by Typhoon Haiyan. Recommendation about the safe hospital concept, medical and public health response.

As the Second investigating team by the Tohoku University Presidential support, Prof. Egawa went to the affected area in Tacloban and Palo in Leyte Island in Philippines from Jan 16 to 24. Dr. Carine Yi kindly provided the GIS map of the hospitals and health related facilities in this area combined with the satellite image. The team visited the hospitals and facilities according to the map and investigated what kind of hazard affected the hospitals and how health care providers protected the patients in the hospital. We also investigated on any disease outbreaks, functional damage of the hospital, preparedness before the disaster, communication and help receiving capacities of the hospitals.

We visited the base camp of Red Cross and Red Crescent and the evacuation area with temporary tents or barracks to see the condition of water, food, sanitation and peoples life. In Manila, we visited WHO country office and Department of Health. Prof. Egawa presented the medical management of Great East Japan Earthquake and the rapid report of the affected area in the multidisciplinary meeting in DOH, “My Hospital: Last Building Standing in Disasters” .

IRIDeS will make a continuous investigation on the rehabilitation process of medical and public health aspects together with researchers in Philippines.



With Dean of UPM-SHS in Palo, a medical, nursing and midwifery school in the region with hope of reconstruction



People came back to the residential area by the coast. Burnign and low hygiene may increase lung and GI tract problems.

Shinichi Egawa (Disaster Medicine)