

ADRC made a presentation on GLIDE project at DI-CoP on 12 May 2020 introducing the system and the significance of connecting disaster data and relevant information.

## **2.5. Notable Disasters in 2020**

On its website, ADRC releases information of latest disasters (e.g., those triggered typhoons, floods, droughts, and earthquakes) to keep member countries and the general public informed. Below are some of the notable disasters in 2020.

### **2.5.1. Typhoon Vamco, November 2020**

On Nov. 13, typhoon Vamco made landfall in Manila and nearby provinces, killing 42 people. The typhoon was the deadliest of the 21 the country has experienced in 2020, and resulted in the worst flooding. Vamco followed typhoon Goni, the world's strongest typhoon of the year, compounding the damages in the Philippines.

### **2.5.2. Cyclone NOUL, September 2020**

Tropical Cyclone NOUL made landfall in Viet Nam over the coastal area between Dong Ha and Hue cities (Thua Thien Hue Province) on 18 September 2020. According to the Viet Nam Disaster Management Authority (VNDMA), more than 500,000 people were evacuated in the central provinces. Causing heavy flooding, 253 people were reportedly been killed or are missing. An estimated 7.7 million people live in the affected areas (in nine provinces) and more than 600,000 houses were flooded, damaged or destroyed.

### **2.5.3. Typhoon Haishen, September 2020**

Agricultural damage across Japan were at US\$118 million. About 107,540 households were without power across the Kyushu region on 7 September 2020. Moreover, more than 200,000 households were out of power in Kagoshima and 3,930 households in Okinawa. In the Republic of Korea, Haishen displaced 3,100 people and left at least 75,000 households without power in Ulsan City.

### **2.5.4. Torrential Rain, July 2020**

On 4 July 2020, record-breaking torrential rains brought a series of floods in the prefectures of Kumamoto and Kagoshima. Following overnight rains, authorities instructed more than 75,000 residents to evacuate. About 203,200 residents were instructed to shelter in place, and 109 shelters were opened in the region.

### **2.5.5. Cyclone Amphan, May 2020**

On May 20, India and Bangladesh were hit by cyclone Amphan, killing more than 85 people. Millions of people were evacuated due to the storm, one of the biggest storms in the region in the past decade. Before making landfall, Amphan was the strongest storm ever recorded in the Bay of Bengal.