Jan.-Jun. of 2023: Major Water-Related Disasters in the World

Italy (Emilia-Romagna) (May)

Two consecutive rain events of May resulted in the riverine floods and landslides in Emilia-Romagna Region. Death toll:15

Ukraine (June) Bangladesh, Myanmar (May) Cyclone MOCHA

Cyclone MOCHA, the strongest cyclone ever recorded in the North Indian Ocean made landfall in Rakhine State of Myanmar and devastated the coastal area and the south-western states.

Death toll: over 148(Bangladesh 3, Myanmar >145)

As of January 2024

Haiti (June)

A stationary low-pressure system brought heavy rainfall which caused riverine floods and landslides.

Death toll:78

Turkey, Syria (February)

The villages along the Orontes River in southern Turkey was flooded after the M7.8 earthquake of February 6, due to the emergency discharge by the Syrian dam in upper reaches.

No deaths reported.

Brazil(Sao Paulo) (February)

In the North Coast of Sao Paulo, the highest recorded 24-hours rainfall caused floods and landslides.

Death toll:67

D. R. Congo, Rwanda (May)

The consecutive heavy rain of May 1–4 caused the floods and landslides in the Western Province and the Northern Province of Rwanda and the neighboring South Kivu Province of D. R. Congo where more than 400 people died as a massive mudslides. Death toll: over 3,101 (D.R. Congo >2,970, Rwanda131)

Madagascar, Mozambique, Malawi (February to March) Cyclone FREDDY which passed over Madagascar, made twice landfalls in Mozambique and proceeded to Malawi, brought strong wind and heavy rain. Its significant rainfall caused the riverine floods and multiple landslides.

The destruction of Kakhovka

triggered floods in its lower

dam on the Dnipro River

Death toll: over 90

reaches.

Death toll: over 867(Madagascar 20, Mozambique 165, Malawi 679, Zimbabwe 2, Mauritius 1)

New Zealand(North Island)(February)

After the highest daily rainfall record was marked at Auckland in January, Cyclone GABRIELLE passed offshore of the North Island in February. These events caused floods and landslides in the northern North Island.

Death toll: 4(January), 11(February)

Number of Death 0~49

Number of Death 50~99

Number of Death 100~499

Number of Death 500~999

Number of Death 1000~

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