Expected annual damage cost caused by pluvial flooding with 250 m resolution in Japan

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OVERVIEW

This dataset shows the expected annual damage cost (EADC) caused by pluvial flooding with a spatial resolution of 250 m in Japan. The coverage period is the baseline climate (1981–2000), early 21st-century climate (2006–2025), near-future climate (2031–2050), and late 21st-century climate (2081–2100). The EADC file name is "EADC_Coverage period_RCP scenario_GCM name_Adaptation measure.bil". "Coverage period" in the file name is "base" in the baseline climate, "2025" in the early 21st-century climate, "2050" in the near-future climate, and "2100" in the late 21st-century climate. "RCP scenario" in the file name is "26" in the RCP 2.6 and "85" in the RCP 8.5. "GCM name" in the file name is the abbreviation of the GCM name (CSIRO-Mk3-6-0: CS, GFDL-CM3: GF, HadGEM2-ES: Ha, MIROC5: MI, MRI-CGCM3: MR). "Adaptation measure" in the file name is "NoAdapt" when no adaptation measures are taken, "Plan1" when improving the maintenance level of inland water drainage facilities is taken, "Plan2" when Converting buildings to piloti construction is taken, and "Plan1_2" when both adaptation measures are taken. There are 124 EADC files, about 207 MB per file. The header file (HDR_FILE.hdr), which is necessary to extract the file on the GIS, is also downloaded.

DATA POLICY

The authors are not responsible for any loss or damage caused using this dataset.