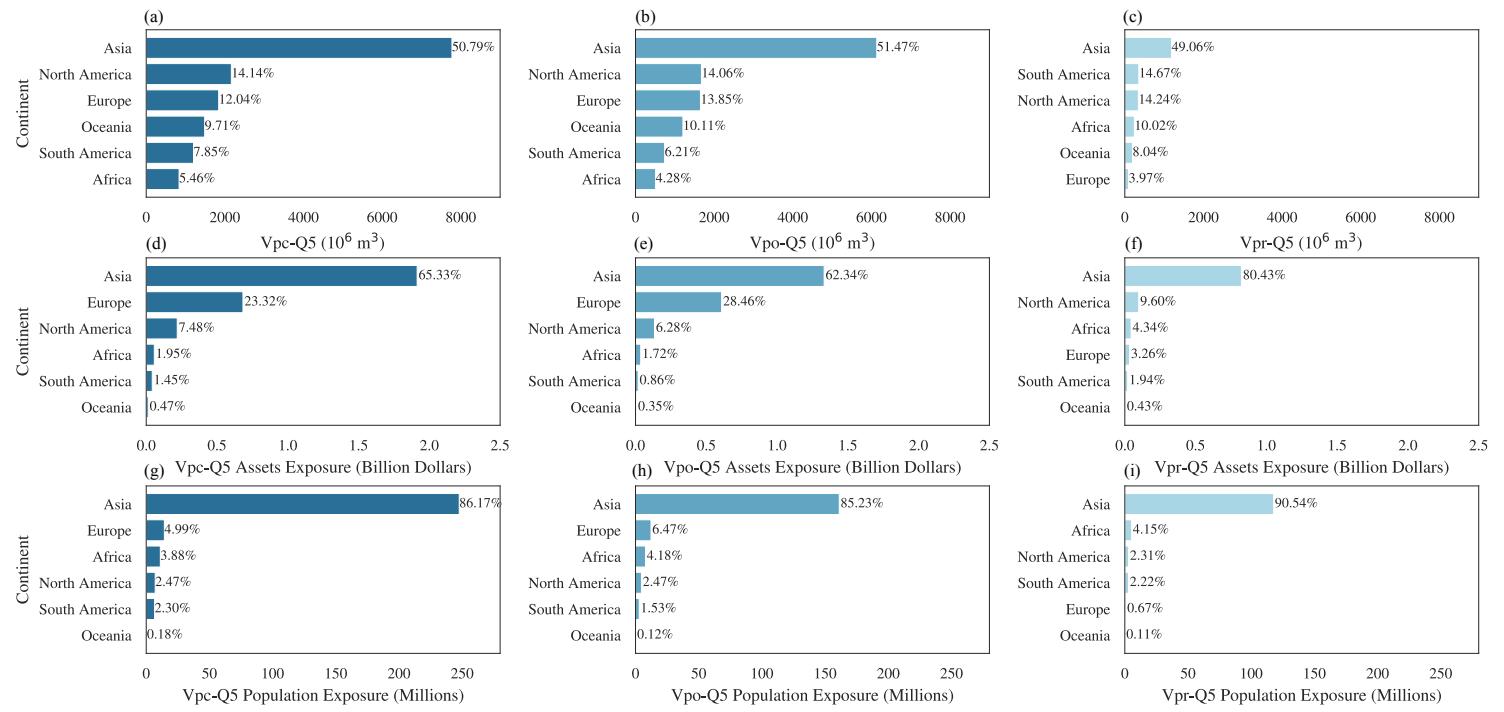


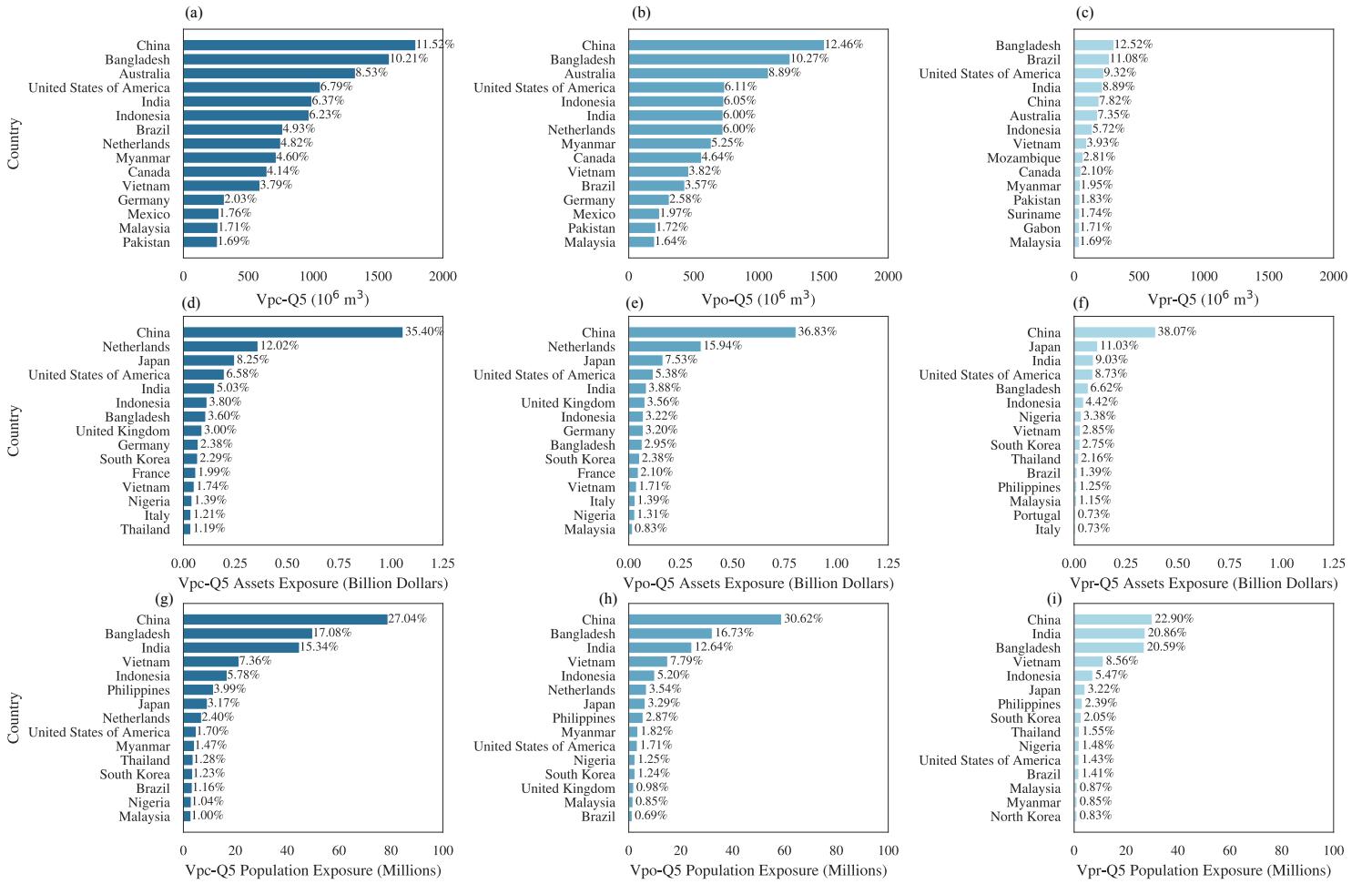
886 **Supplementary Information**

887 **Supplementary Data**

888 Supplementary Data ([Table\\_S1\\_Subcountry\\_rankingofCCFR6.0.xlsx](#)) provide information  
889 of CCFH (volume, depth, surface area of riverine, oceanic, and compounding hazard), CCFR  
890 (exposure, vulnerability, and compounding risk), and other indicators at a 11 km resolution for  
891 the globe. Each indicator can be ranked in either ascending or descending order of magnitude.



**Figure S1: Population and assets exposed to coastal compound ( $V_{pc}$ ), riverine ( $V_{pr}$ ), and oceanic ( $V_{po}$ ) floods at the continent scale.** (a-c) continent rankings based on the share of high (the fifth quantile)  $V_{pc}$ ,  $V_{pc}$ , and  $V_{pc}$ ; (d-f) continent rankings based on the share of assets exposed to high  $V_{pc}$ ,  $V_{pc}$ , and  $V_{pc}$ ; (g-i) continent rankings based on the share of population exposed to high  $V_{pc}$ ,  $V_{pc}$ , and  $V_{pc}$ .



**Figure S2: Population and assets exposed to coastal compound ( $V_{pc}$ ), riverine ( $V_{pr}$ ), and oceanic ( $V_{po}$ ) flood volumetric hazard at the country scale.** (a-c) country rankings based on the share of high (the fifth quantile)  $V_{pc}$ ,  $V_{pc}$ , and  $V_{pc}$ ; (d-f) country rankings based on the share of assets exposed to high  $V_{pc}$ ,  $V_{pc}$ , and  $V_{pc}$ ; (g-i) country rankings based on the share of population exposed to high  $V_{pc}$ ,  $V_{pc}$ , and  $V_{pc}$ .

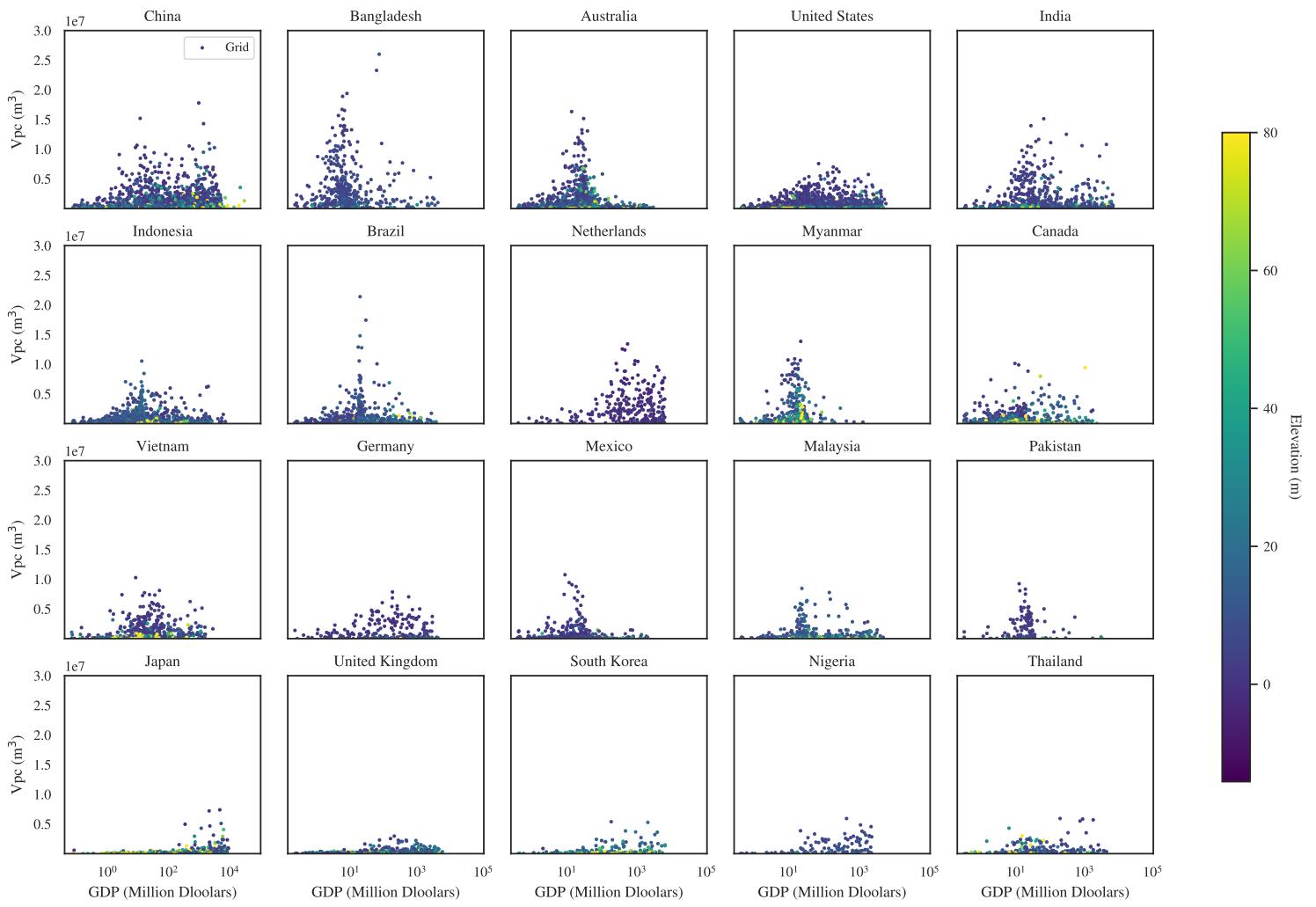


Figure S3: **CCFH-GDP pattern for the top 20 CCFH countries at  $0.1^\circ \times 0.1^\circ$  grid scale.** The colors of the points is proportional to the elevation. Country's patterns are shown from the highest to the lowest CCFH (from top left to bottom right)