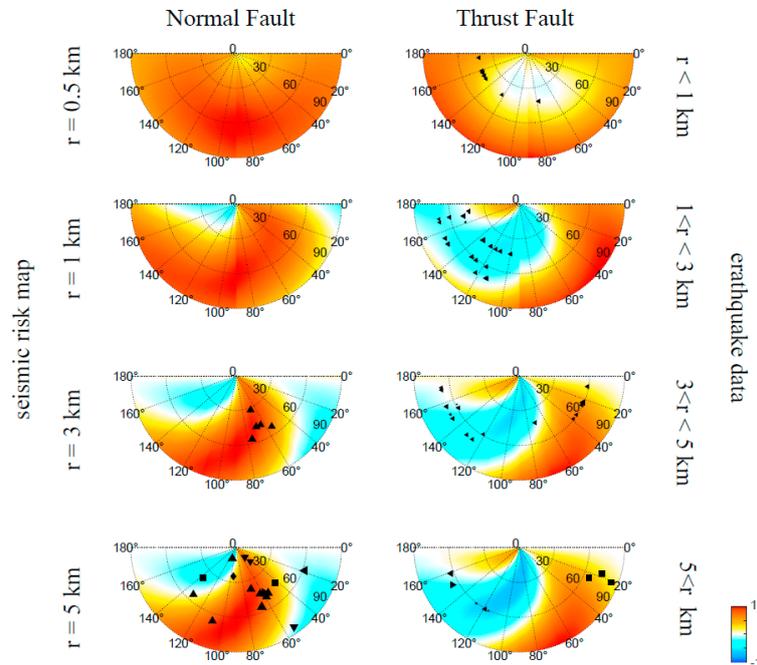


# Supplement Material

Figure S1



**Figure S1.** Projection of earthquakes onto seismic risk map at different distances. The background maps are from snapshots of normalized coulomb failure stress for normal and thrust faults at  $r = 0.5, 1, 3,$  and  $5$  km when  $t = 1000$  day after reservoir impoundment. The earthquake data from Table S1, the data are divided into four groups with the distance to the reservoir, and the legend inherited Figure 5.