Title: Measuring Global Water Security towards Sustainable Development Goals

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Supplementary Materials:

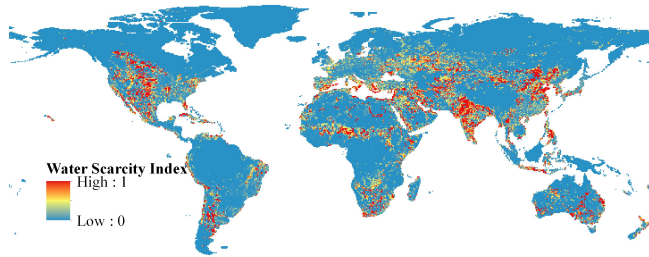Figure S1#Assessment of water scarcity (monthly mean of 2010);

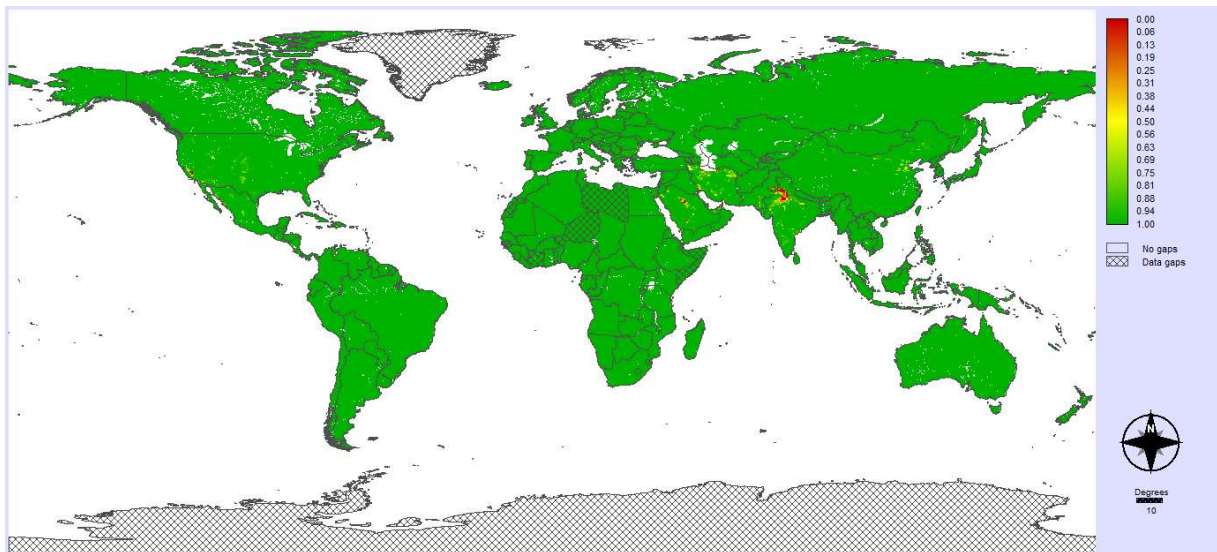Figure S2 #Groundwater Depletion Index;

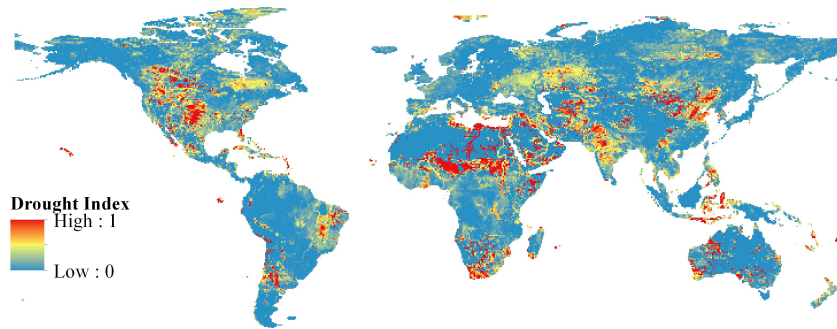Figure S3 #Drought Index;

Figure S4 #Desert identification through aridity class. Class I and II represent high desert prone area;
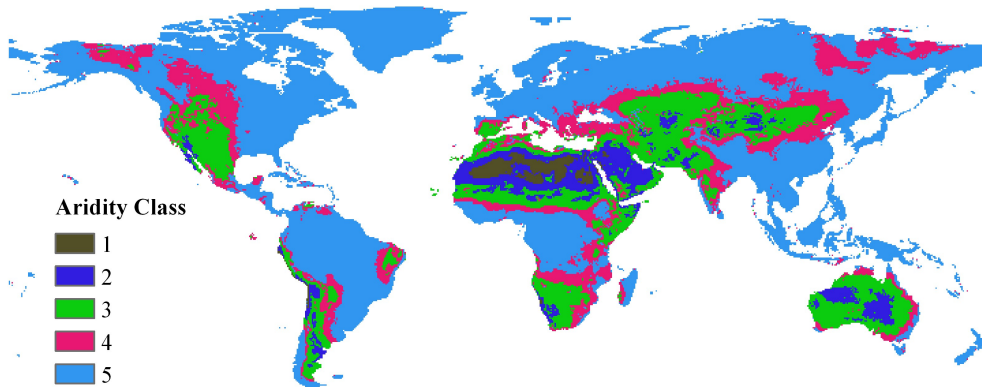
Figure S5 #Aggregated (through masking out aridity class 1 and 2, which are desert) Drought
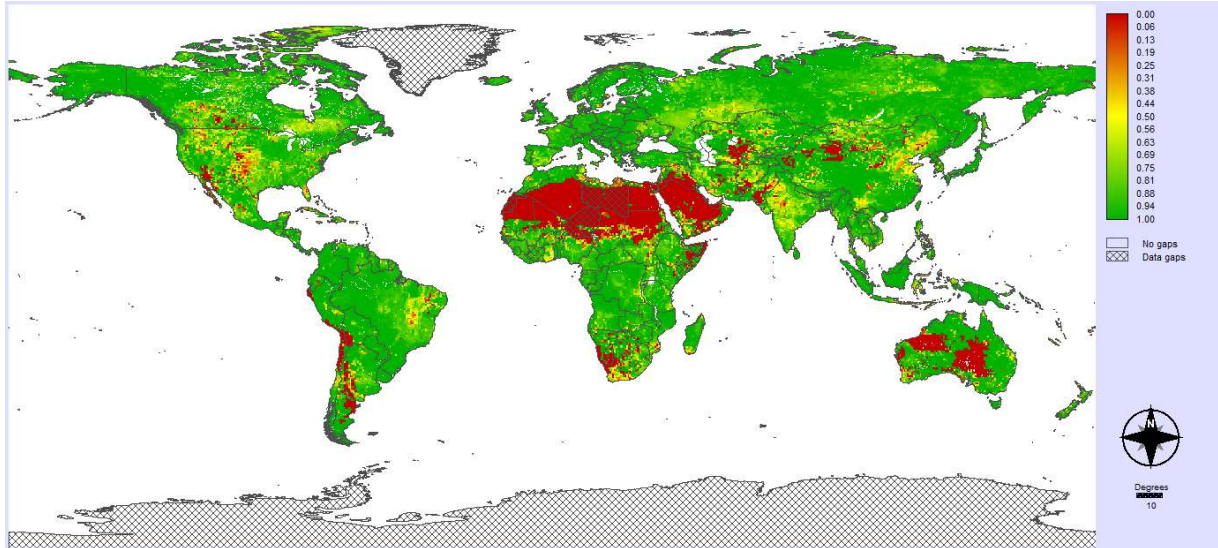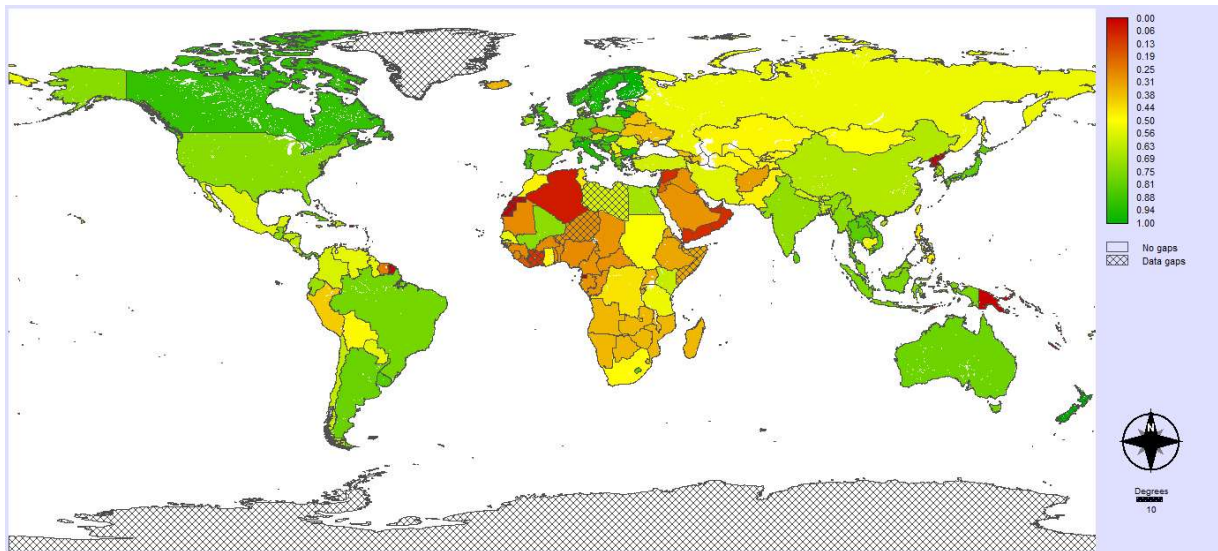index;

Figure S6 #Water quality index
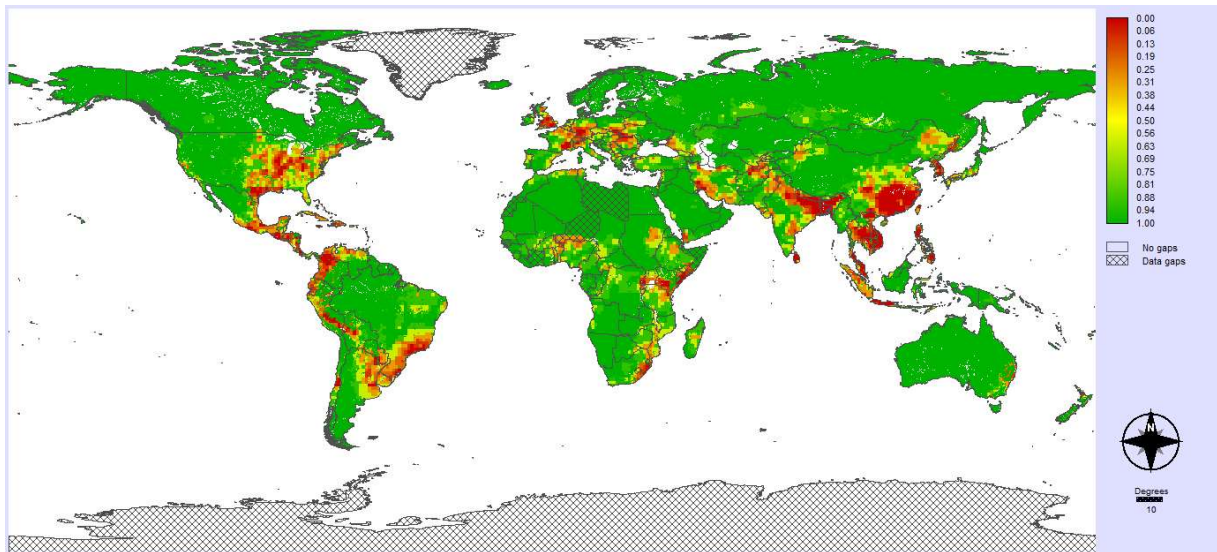
Figure S7 #Flood frequency index

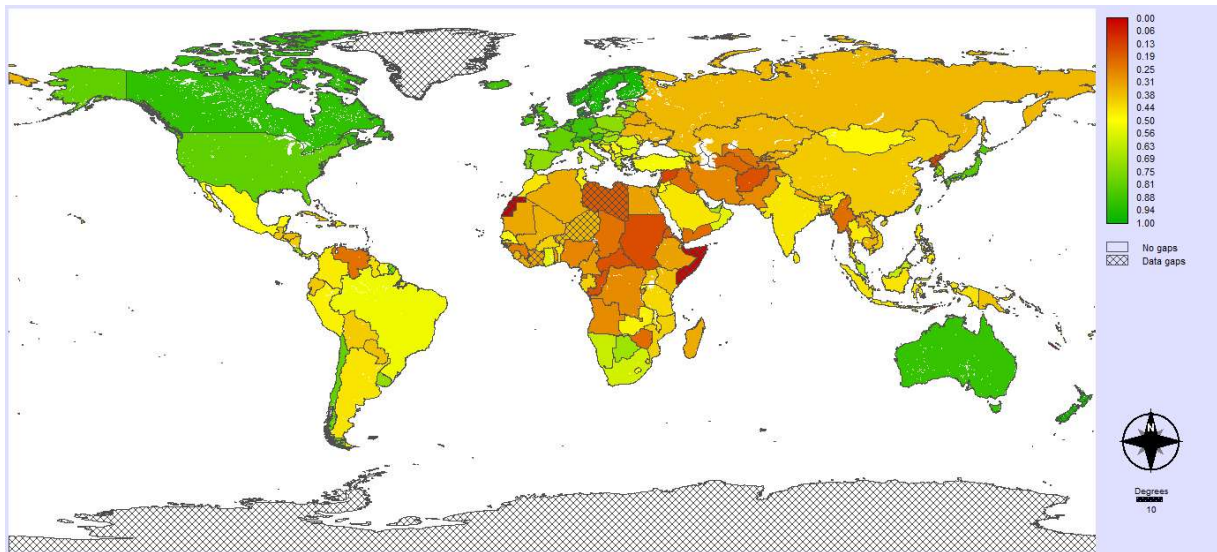Figure S8 #Worldwide Governance Index

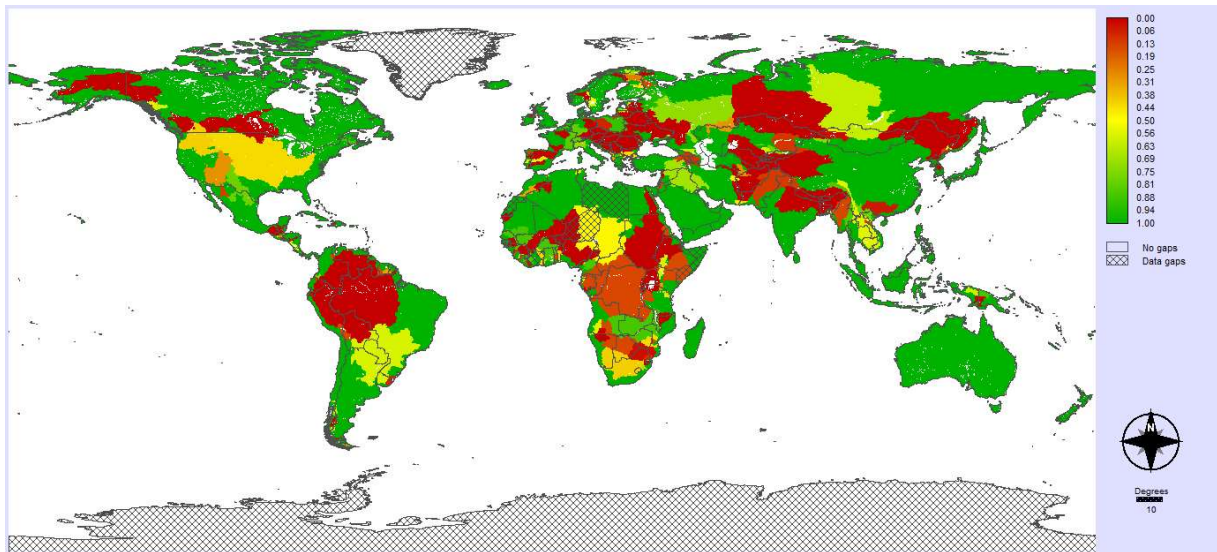Figure S9 #Transboundary legal framework Index

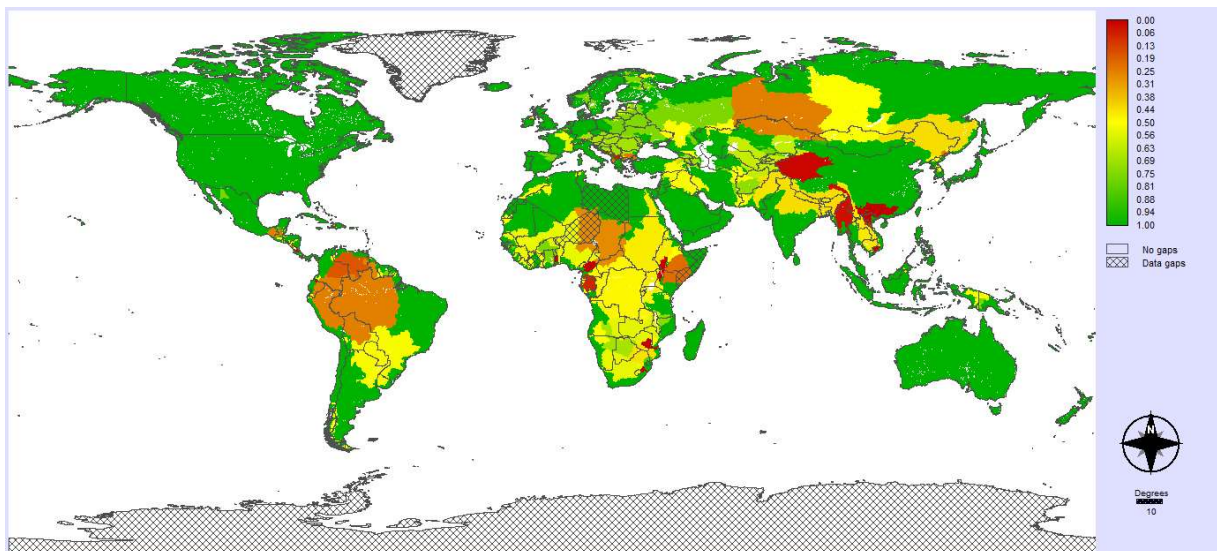Figure S10 #Transboundary political tension index

Figure S11 #Differences between OWA Pessimistic approach with provided weight (Table 2) and with equal weights (Pes – Pes$_e$)
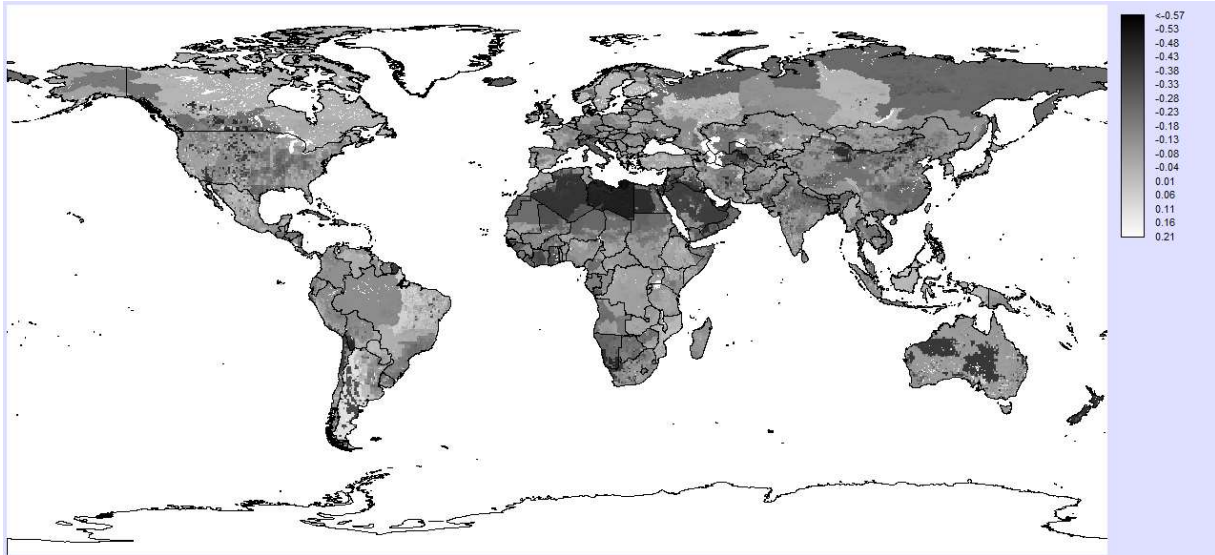

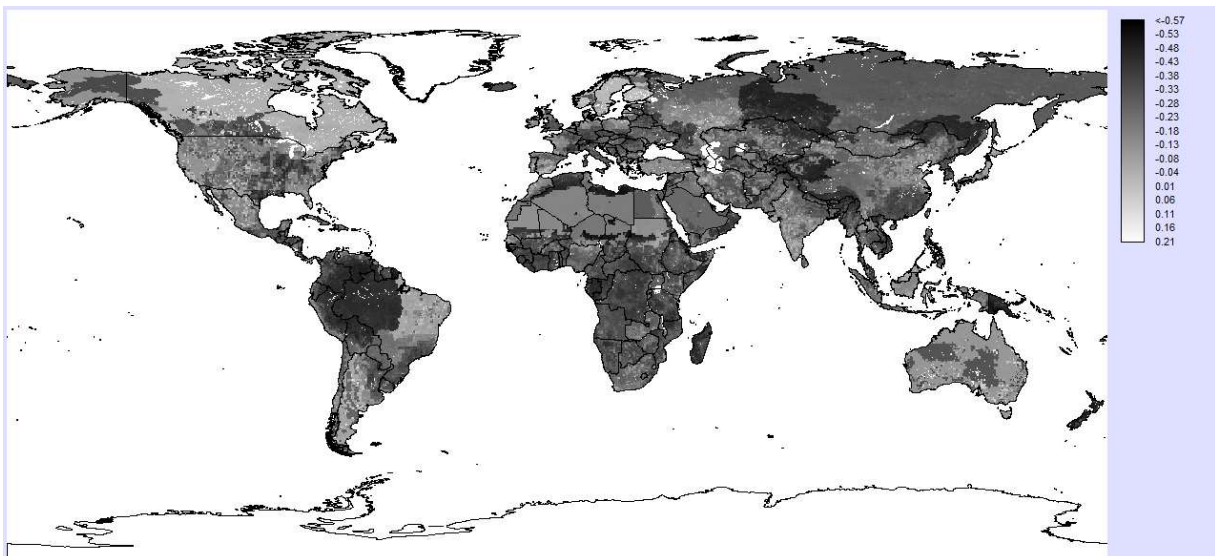Figure S12 #Differences between OWA Pessimistic approach and Simple Additive Weighting (Pes – SAW)

Figure S13 #Differences between OWA Pessimistic approach(Risk Averse decision maker) and OWA optimistic approach (Risk Taker decision maker)(Pes – Opt)