Supplementary Material
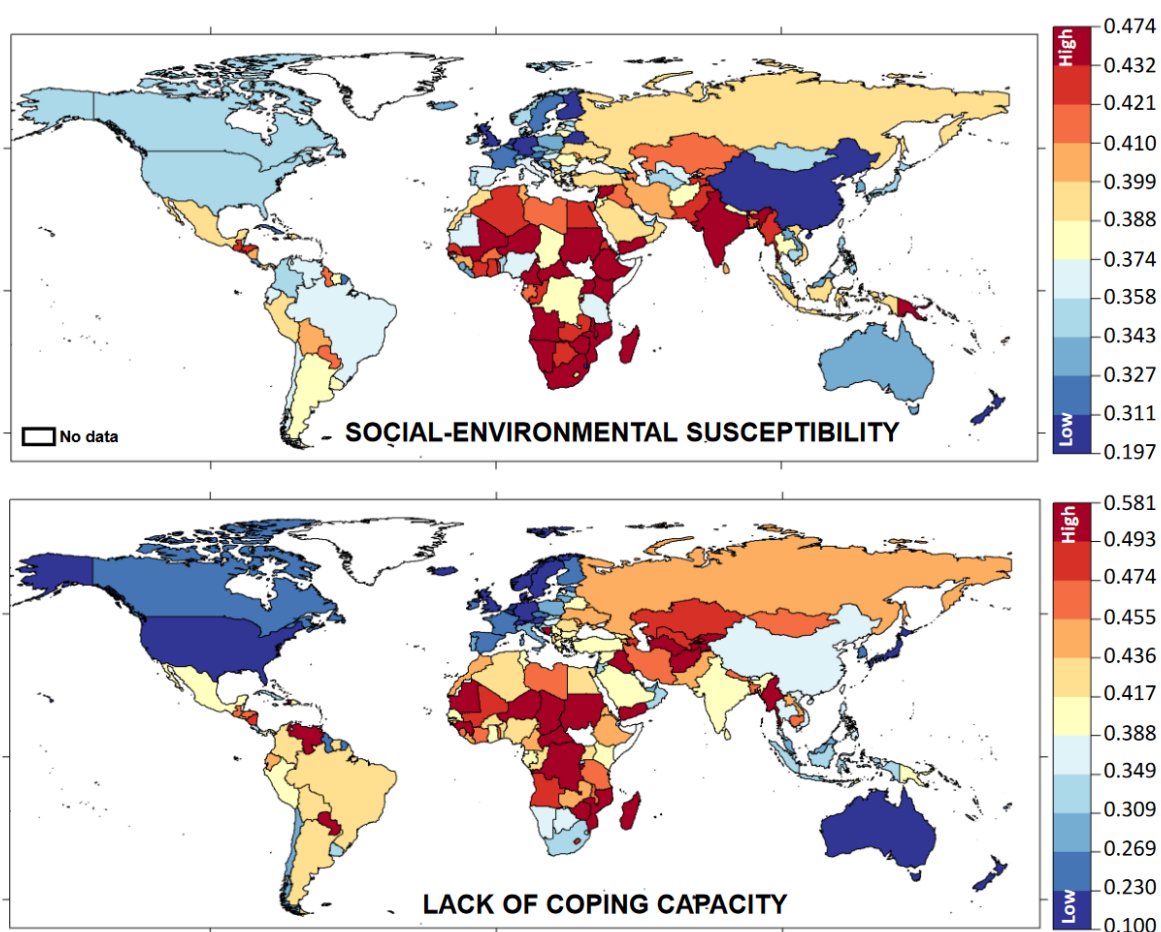
Figure S1. Social-environmental susceptibility and lack of coping capacity by country

Table S2. Final indicators for the vulnerability assessment and their respective code

Indicator	CODE
Social susceptibility (SOC_SUS)	
Prevalence of conflict/insecurity	C_STA1
Dependency ratio (Population ages 15-64 (% of total population))	E_DEP
Unemployment, total (% of total labor force) (national estimate)	E_EMP
Share of GDP from agr., forestry and fishing in US$ (%)	E_INC
GINI index	E_INQ
Proportion of population living below the national poverty line (%)	E_POV
Agricultural machinery, tractors per 100 sq. km of arable land	F_ATEC
Insecticides and pesticides used (ton/ha)	F_INPE
Electricity production from hydroelectric sources (% of total)	P_ELE
Population using at least basic sanitation services (%)	P_W&S2
Access to improved water sources (% of total population with access)	P_W&S1
DALYs (Disability-Adjusted Life Years)(DALYs per 100,000, Rate)	S_DISP
Literacy rate, adult total (% of people ages 15 and above)	S_EDU
Gender Inequality Index	S_GNDR
Healthy life expectancy (HALE) at birth (years)	S_LEB
Prevalence of undernourishment (% of population)	S_NUT
Rural population (% of total population)	S_RUR

Ecological susceptibility (ECO_SUS)	
Average land degradation in GLASOD erosion degree	E_DEGR
Terrestrial and marine protected areas (% of total territorial area)	E_PROA
Average soil erosion	E_SOIL2
Fertilizer consumption (kilograms per hectare of arable land)	F_FERT
Lack of coping capacity (COP)	
Saved any money in the past year (% age 15+)	E_SAV
Corruption Perception Index (CPI)	G_CORP
Government Effectiveness: Percentile Rank	G_REP
Total renewable water resources per capita (m3/inhab/year)	P_RW
Travel time to cities ≤30 min (population) (%)	P_TRNS
Total dam storage capacity per capita. Unit: m3/inhab	P_WAT
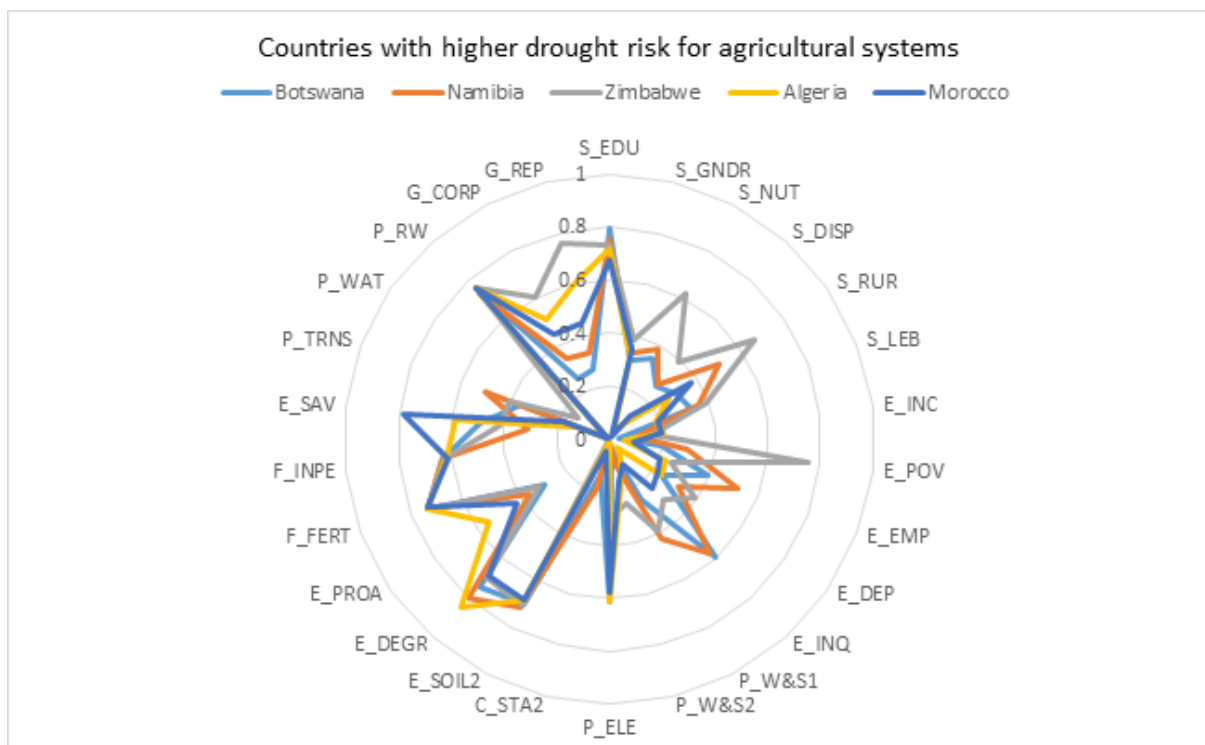
Figure S3. Weighted normalized vulnerability indicators scores for the five countries with highest drought risk for combined agricultural systems (irrigated and rain-fed)
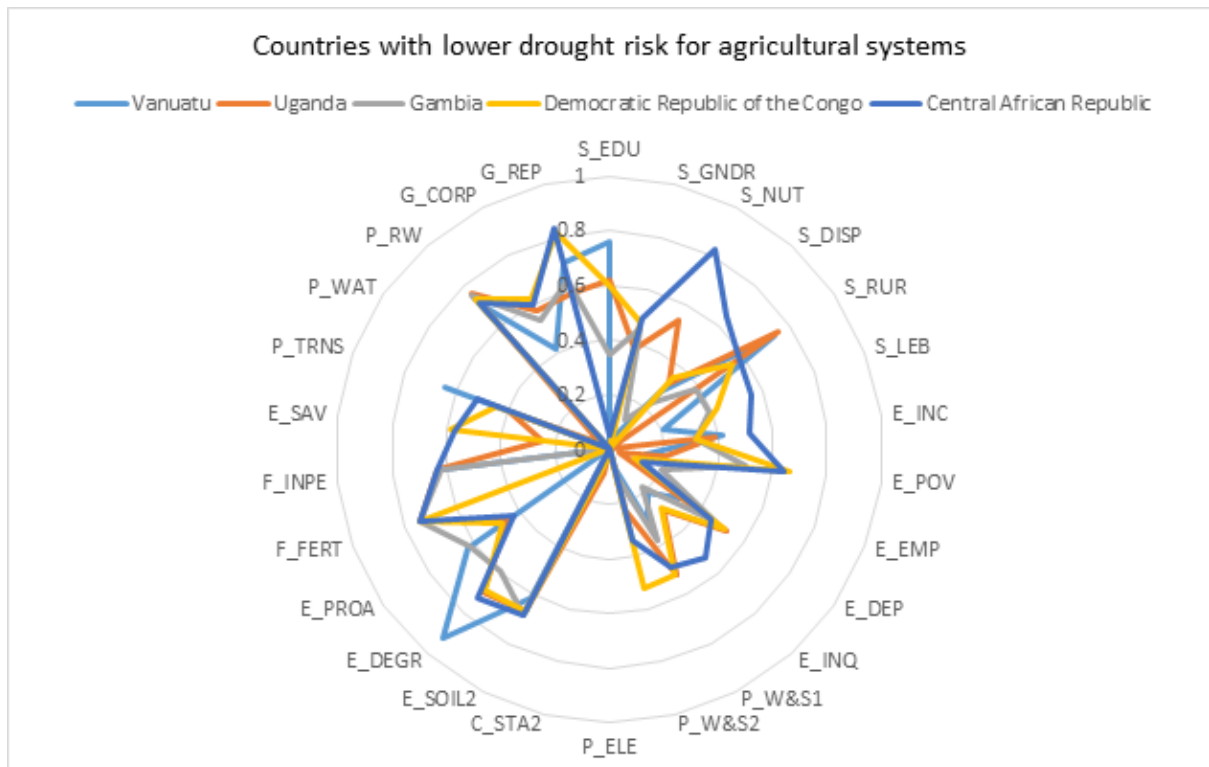
Figure S4. Weighted normalized vulnerability indicators scores for the five countries with lowest drought risk for combined agricultural systems (irrigated and rain-fed).