

Appendix

Supplementary Information

Table S1. ND-GAIN Indicators Reference Points

Sector	Indicator	Reference points	Baseline Min	Baseline Max
Food	Projected change of cereal yields	3.56 ₁	-0.389	3.563
	Projected population change	-20% ₁	-0.20272	0.8355
	Food import dependency	0% ₂	0	1.037
	Rural population	0% ₂	0	92.789
	Agriculture capacity	Area equipped for irrigation: 28% ₁ Fertilizer use: 200 tonnes/1000 Ha ₁ Pesticide use: 10 tonnes of active ingredients/1000 Ha ₁ Tractor use: 1100/100 sq. km of arable land ₁	0	1
	Child malnutrition	0% ₂	0	15
Water	Projected change of annual runoff	100% ₁	0	1
	Projected change of annual groundwater recharge	100% ₁	0	1
	Fresh water withdrawal rate	0% ₂	0	100
	Water dependency ratio	0% ₂	0	73.32
	Dam capacity	4932 m ³ per capita ₁	0	4932
	Access to reliable drinking water	100% ₂	54.99	100
Health	Projected change of deaths from climate change induced diseases	1.03 ₂	1.025	1.19
	Projected change in vector borne diseases	-8.1 months ₁	-8.16	64.86
	Dependency on external resource for health services	0% ₂	0	29.42
	Slum population	0% ₂	0	97
	Medical staff	12.3% ₀₁	0	12.32
	Access to improved sanitation facilities	100% ₂	19	99.5
Ecosystems	Projected change of biome distribution	11% ₁	0.11	0.96

	Projected change of marine biodiversity	0 ₁	0	0.88
	Natural capital dependency	0 ₂	0	0.46
	Ecological footprint	0.35 Ha per capita ₁	0.35	4.84
	Protected biome	100 ₃	0	100
	Engagement in international environmental conventions	1 ₂	0	1
Human Habitat	Projected change of warm periods	30% ₁	29.99	113.31
	Projected change of flood hazard	-4% ₁	-0.0395	0.1613 9 5
	Urban concentration	0.0053 ₁	0.00534	1
	Age dependency ratio	28% ₁	0.28	0.5334
	Quality of trade and transport infrastructure	5 ₃	1	5
	Paved roads	100% ₂	0.8	100
Infrastructure	Projected change of hydropower generation capacity	141% ₁	-1.82	1.411
	Projected change of sea level rise impacts	0% ₁	0	0.113
	Dependency on imported energy	0% ₂	0	99.93
	Population living under 5m above sea level	0% ₁	0	24.11
	Electricity access	100% ₂	18.62	100
	Disaster preparedness	4.7 ₁	1.0455	4.684

Note: The reference points set by the data sources are:

Protected biome: 100 (Hsu et al., 2014)

Quality of trade and transport infrastructure (Logistic Performance Index): 5 (Arvis et al., 2012)

Doing business: 0.99 (IBRD/WB, 2013)

Governance readiness measures: 2.5 for all four measures (Kaufmann et al., 2010).

ICT infrastructure measures: 2013 ICT Development Index (ITU, 2013)

Reference: Chen, C., Noble, I., Hellmann, J., Coffee, J., Murillo, M., Chawla, N. University of Notre Dame Global Adaptation Index, Country index technical report, 2015. 46 p., Available online: <http://index.gain.org/about/reference> (accessed on 11 February 2018).