

Socio-economic and SDG6 Indicators Mapping for Eastern Nile Basin Countries

NBDF7 Webinar

Eng.Fatima Ahmed

Outline



- Objective.
- Socioeconomic and SDG6 list of indicators.
- EN-Basin Indicators Mapping
- EN-Basin Domain Mapping
- Model Development.
- Final Models









The objective of the project is spatial data sourcing from global, regional, and country level and map multiple Socio-economic and SDG6 indicators for the EN region to conduct climate vulnerability and resilience assessment that can generate data, information, and knowledge to enhance trans boundary water cooperation.

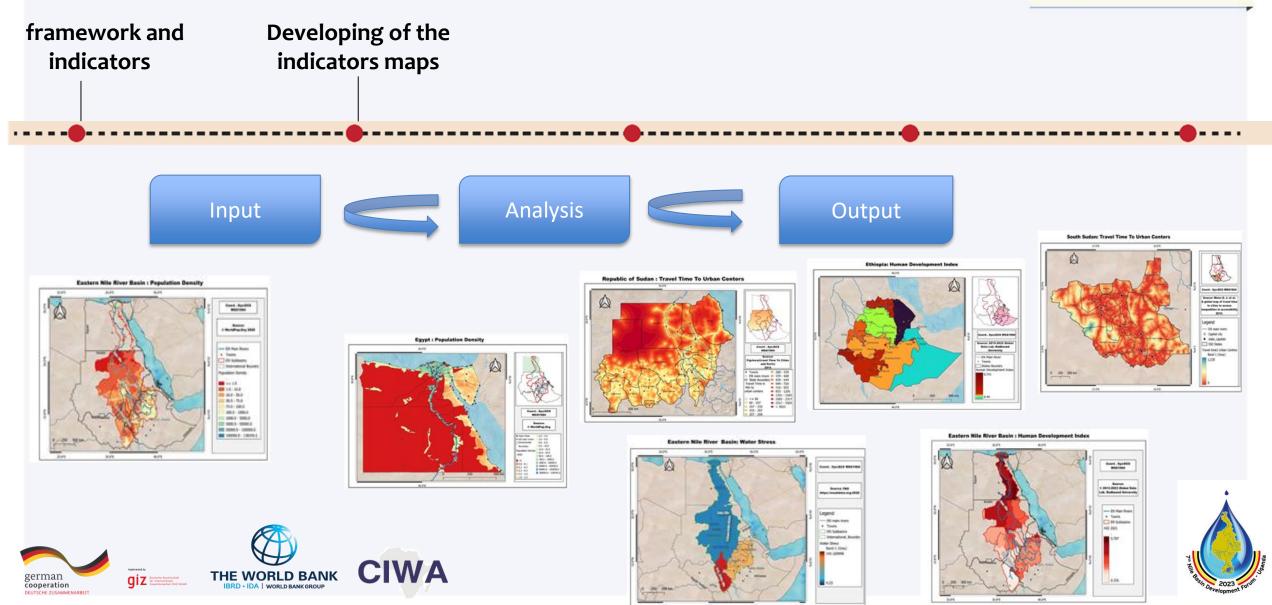




EN-Basin socioeconomic and SDG6 List of Indicators NILE BASIN INITIATIVE INITIATIVE DU BASSIN DU N framework and indicators Sanitation Improved Water Ecosystem sources Travel Time to urban Human Development Headcount Poverty **Population Density** Centers Index Index Access to Improved Sanitation Access To Improves Water Services Sources Ecosystem Classification Access To Non-Piped Improved Access To Non Piped Improved Water Sources Sanitation Services **Ecosystem Transition** Access To Sewer and Septic Access to Piped water sources Sanitation Services Water Stress Water uses Efficiency Water Cooperation Integrated Water Resource (The amount of funding Percentage of fresh water Change in water use Management received by countries efficiency over time/as withdrawal as proportion of degree of achievement from different USD/M3 available water Resources integrated water resource partnership) management) THE WORLD BANK german diz Ceutache Cesellach Sir Internationale Zasammenarbeit (S) cooperation

EN-Basin Indicators Mapping

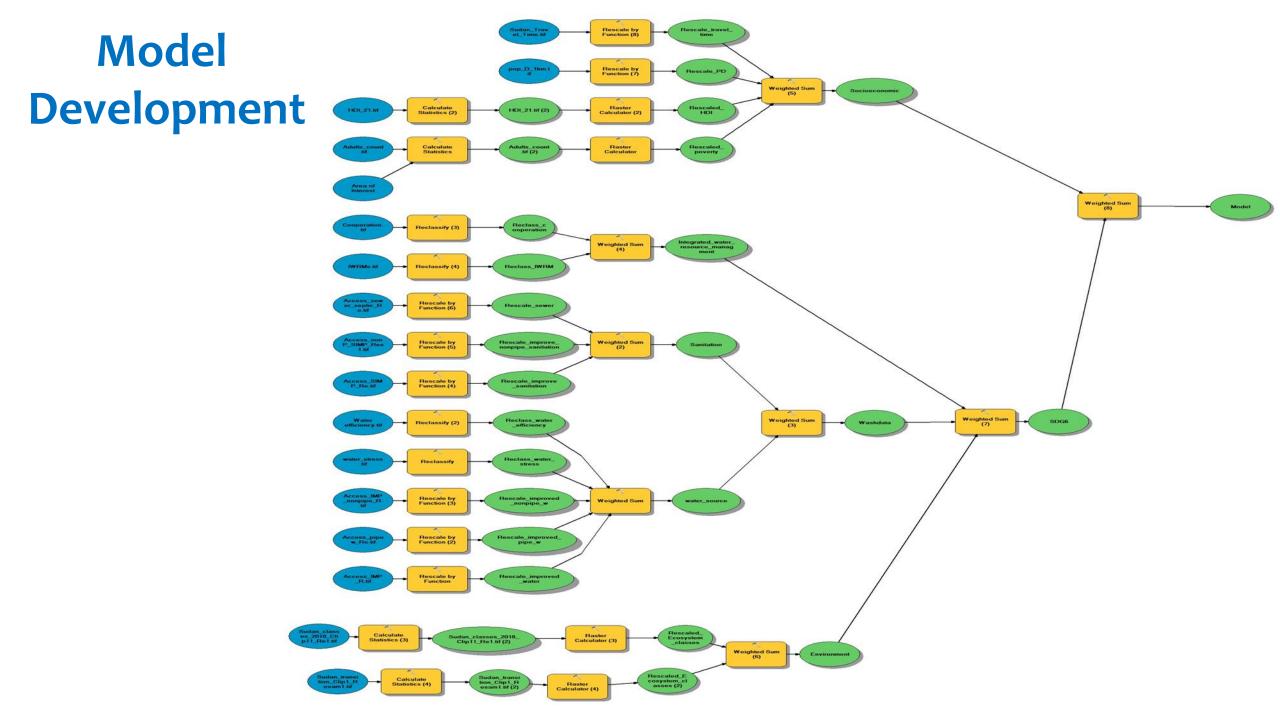


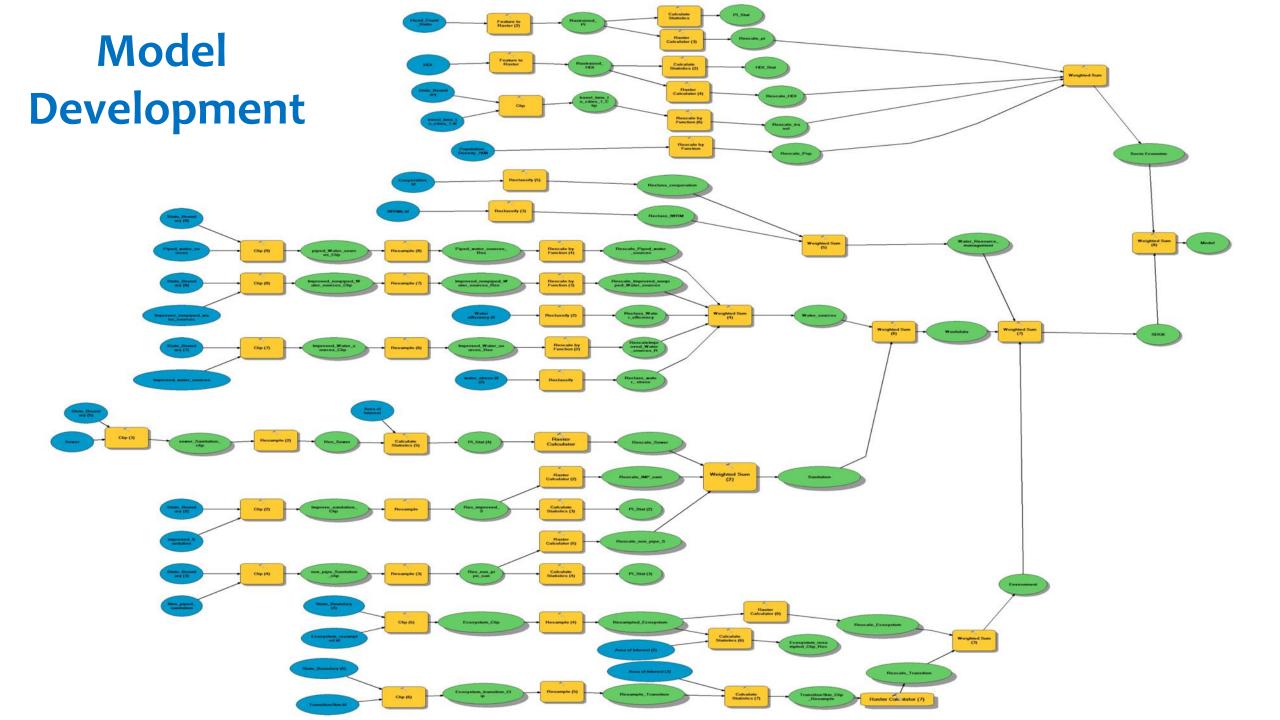


EN-Basin Domain Mapping

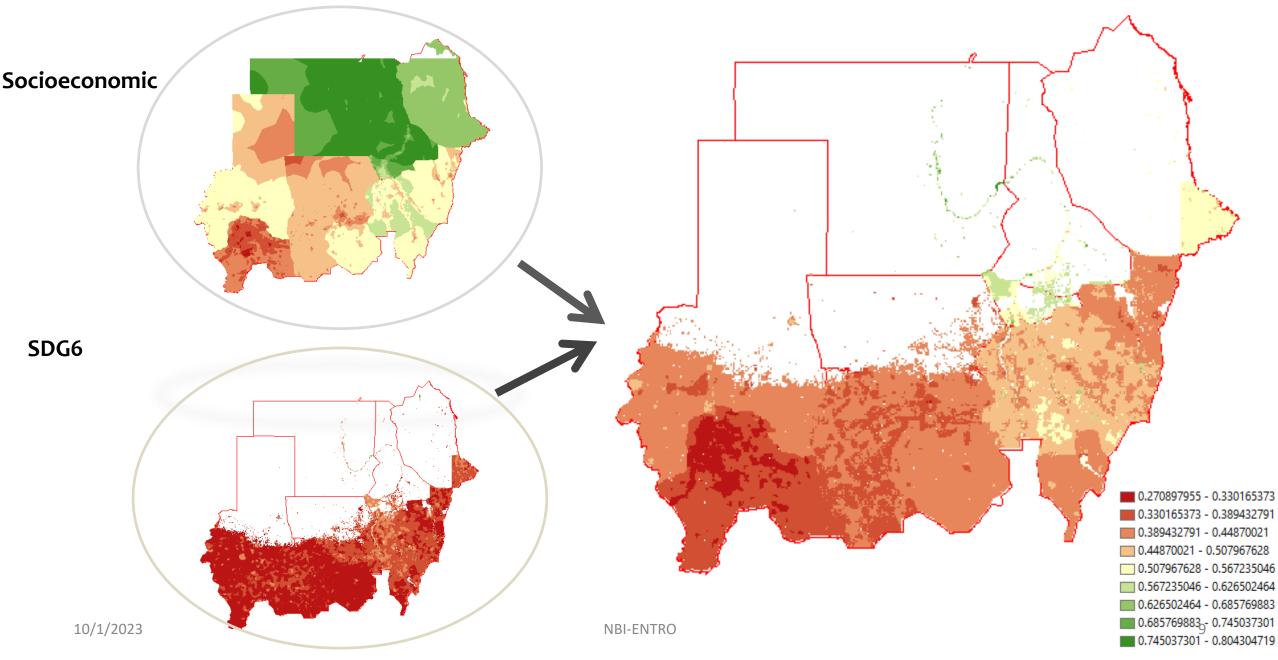


framework and indicators	Developing of the indicators maps			Developing of the Domain maps												
		_		/	(• ••••					•				(
Input		A	Analysis				Mo develo		ent			•		Out	put	
		Domain	Induicator	weight		Domain	Induicator	weight								
		nitation	Access to Improved Sanitation Services Access To Non Piped Improved Sanitation Services	0.5			Integrated Water Resource Management Water Cooperation	0.5		Domain	Induicator Access To Improves Water Sources Access To Non Piped Improved Water Sources	0.4 0.2	Domain	Induicator Senitation Water sources	0.4	
			Access To Sewer and Septic Sanitation Services	0.25	0.25				-		Access to Piped water sources Water efficiency Water stress	02 01 01				
		Domain	Induicator	Weight	E	Domain	Induicator	weight		Domain	Induicator	Weight	Domain	Induicator	weight	
			Access To Improves Water Sources	0.4		8	Sanitation	0.4		ž	Washdata	0.4	The second s	SDG6	0.6	
		Sources	Acess To Non Piped Improved Water Sources	0.2		Washda	Water sources	0.6		ज	Environment 0.4 Integrated Water Resource Management 0.2			Socioeconomics	0,4	•
	(A)	W/ater	Access to Piped water sources Water efficiency Water stress	0.2 0.1 0.1												
german cooperation Exercise Exercis Exercise Exercise Exercise Exercise Exercise Exe		CIV	NA													The design Development Ford





Final Model



Final Model

Socioeconomic

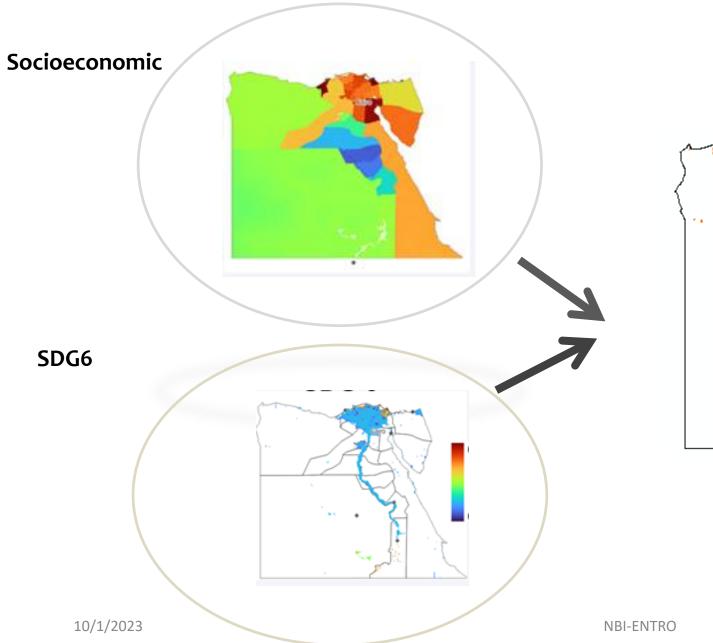
SDG6

10/1/2023

0.271871567 - 0.361594073
 0.361594073 - 0.393802152
 0.393802152 - 0.423709653
 0.423709653 - 0.451316578
 0.451316578 - 0.48122408
 0.48122408 - 0.518033313
 0.518033313 - 0.570946586
 0.570946586 - 0.639963898

0.639963898 - 0.85851872

Final Model



0.468348026 - 0.541268106
 0.541268106 - 0.586409108
 0.586409108 - 0.622869148
 0.622869148 - 0.655856803
 0.655856803 - 0.695789228
 0.695789228 - 0.744402614
 0.744402614 - 0.794752193
 0.794752193 - 0.839893195
 0.839893195 - 0.911077082

