



NILE BASIN INITIATIVE
INITIATIVE DU BASSIN DU NIL



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**

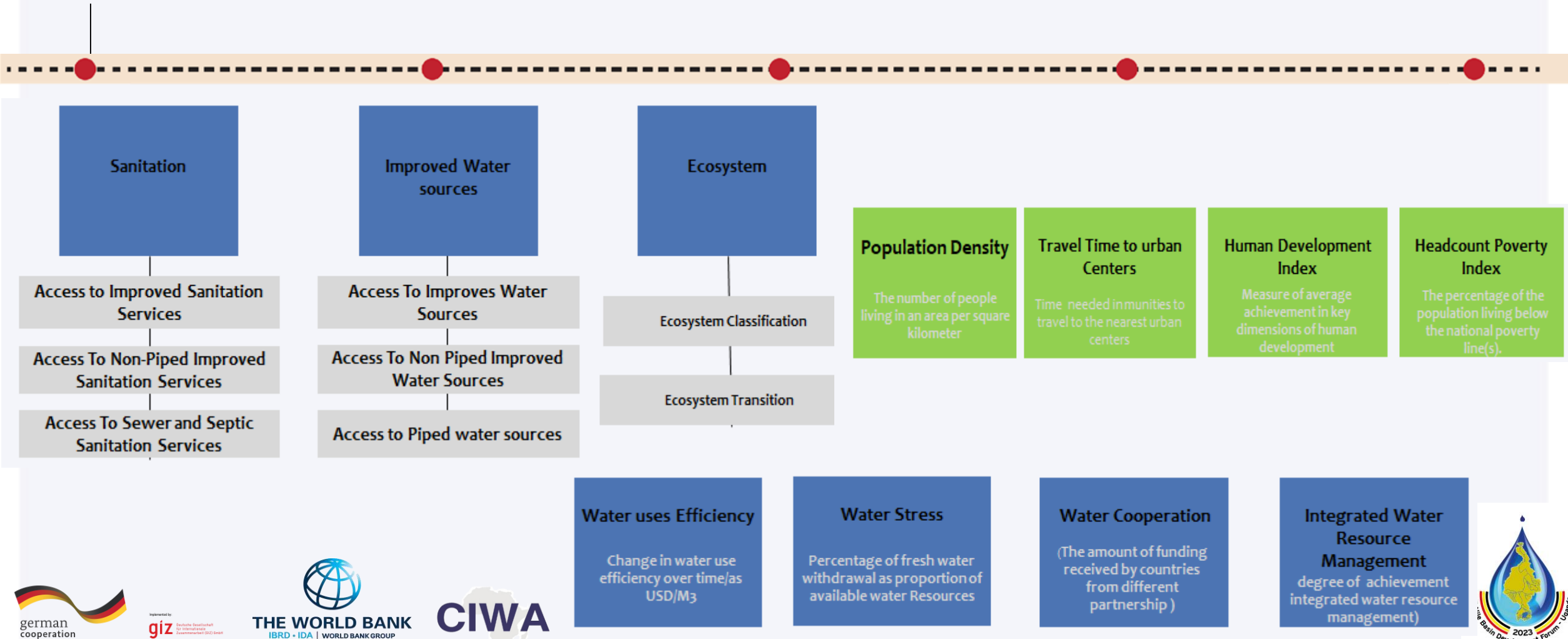
Objective

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



framework and indicators



EN-Basin Indicators Mapping

framework and indicators

Developing of the indicators maps

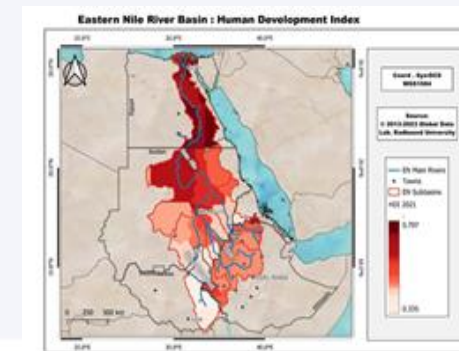
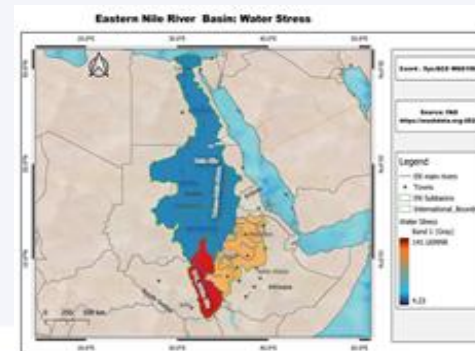
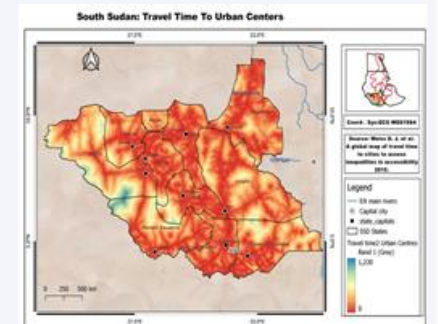
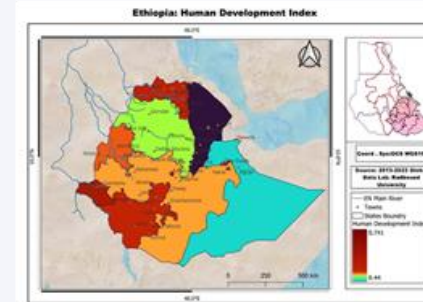
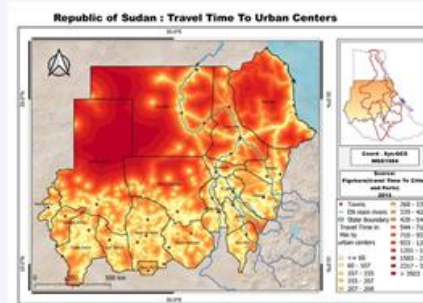
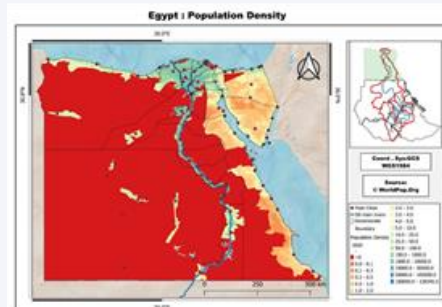
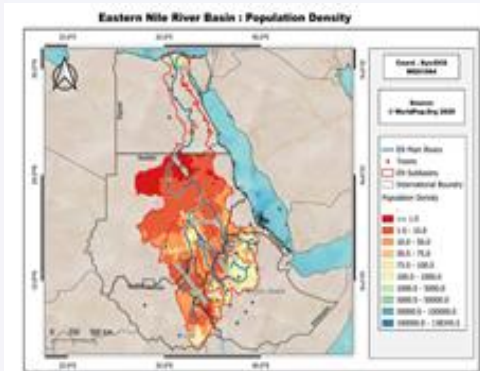
Input



Analysis



Output



EN-Basin Domain Mapping

framework and indicators

Developing of the indicators maps

Developing of the Domain maps

Input



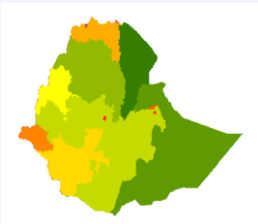
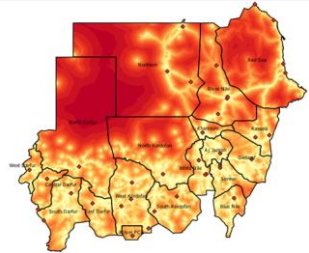
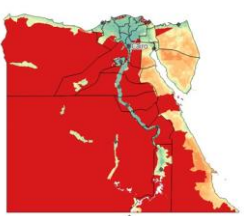
Analysis



Model development



Output



Domain	Indicator	weight
Sanitation	Access to Improved Sanitation Services	0.5
	Access To Non Piped Improved Sanitation Services	0.25
	Access To Sewer and Septic Sanitation Services	0.25

Domain	Indicator	Weight
Water Sources	Access To Improves Water Sources	0.4
	Access To Non Piped Improved Water Sources	0.2
	Access to Piped water sources	0.2
	Water efficiency	0.1
	Water stress	0.1

Domain	Indicator	weight
Water Resource Management	Integrated Water Resource Management	0.5
	Water Cooperation	0.5

Domain	Indicator	weight
Washdata	Sanitation	0.4
	Water sources	0.6

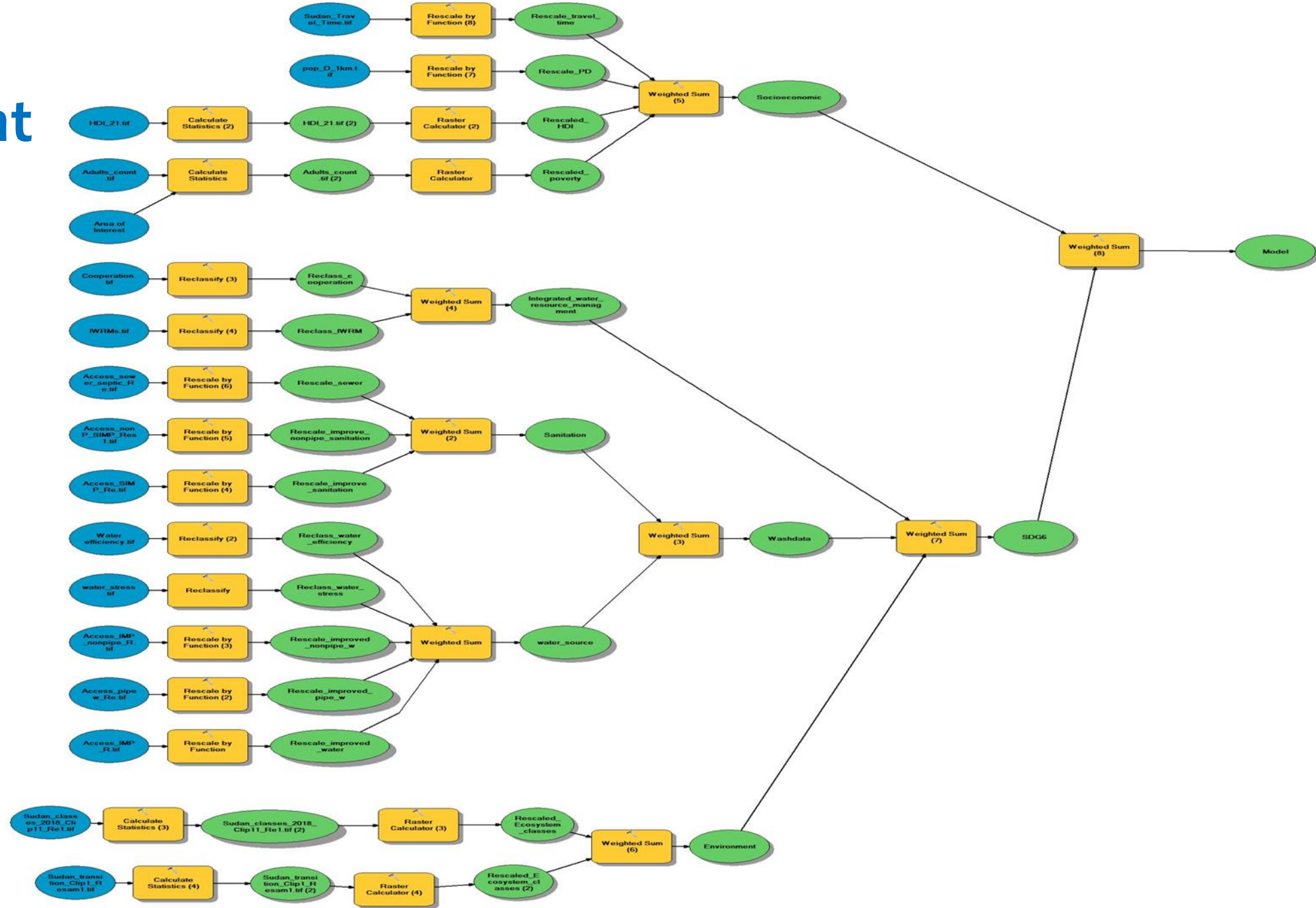
Domain	Indicator	Weight
Water Sources	Access To Improves Water Sources	0.4
	Access To Non Piped Improved Water Sources	0.2
	Access to Piped water sources	0.2
	Water efficiency	0.1
	Water stress	0.1

Domain	Indicator	weight
Washdata	Sanitation	0.4
	Water sources	0.6

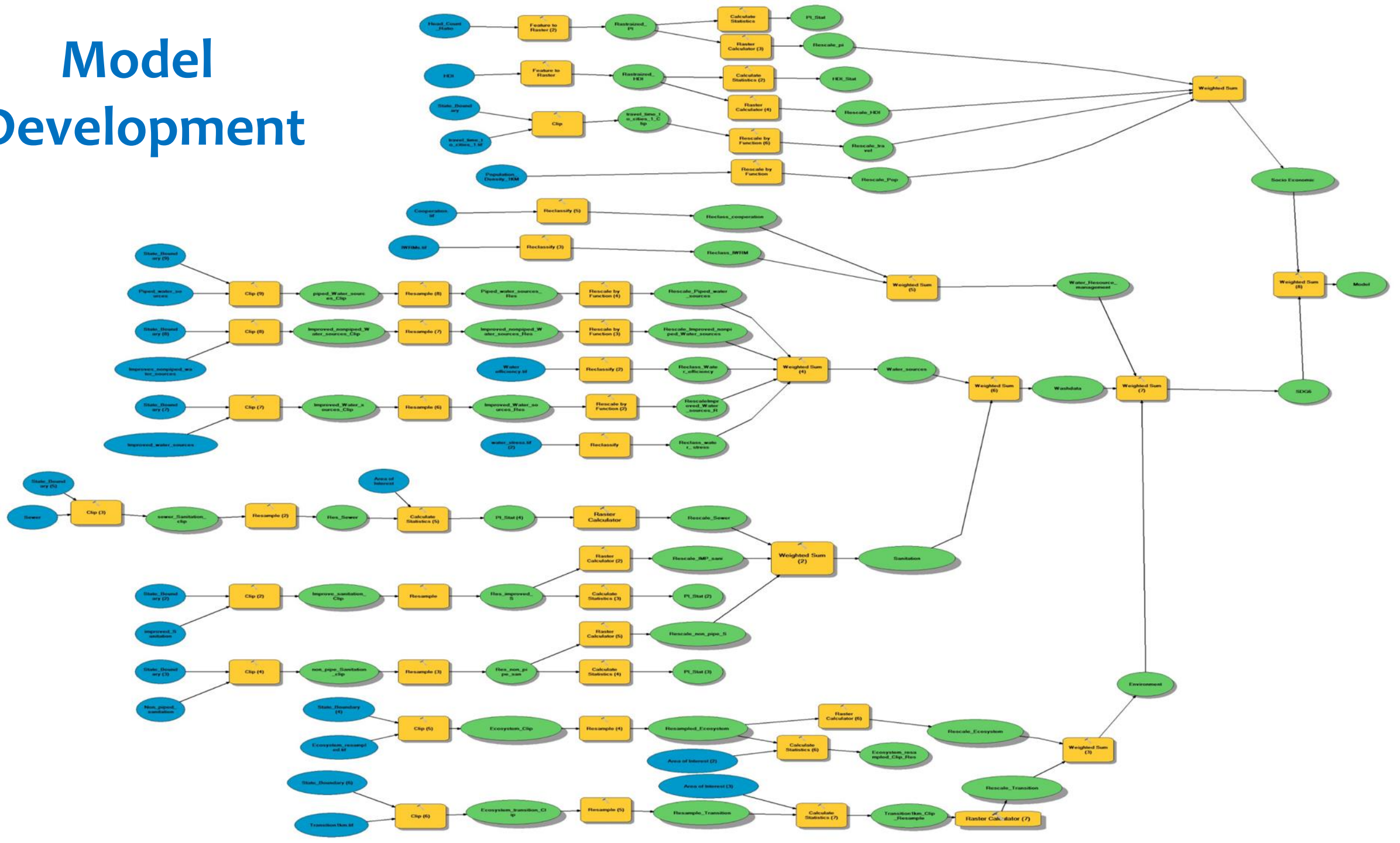
Domain	Indicator	Weight
SDG6	Washdata	0.4
	Environment	0.4
	Integrated Water Resource Management	0.2

Domain	Indicator	weight
Final Output	SDG6	0.6
	Socioeconomics	0.4

Model Development

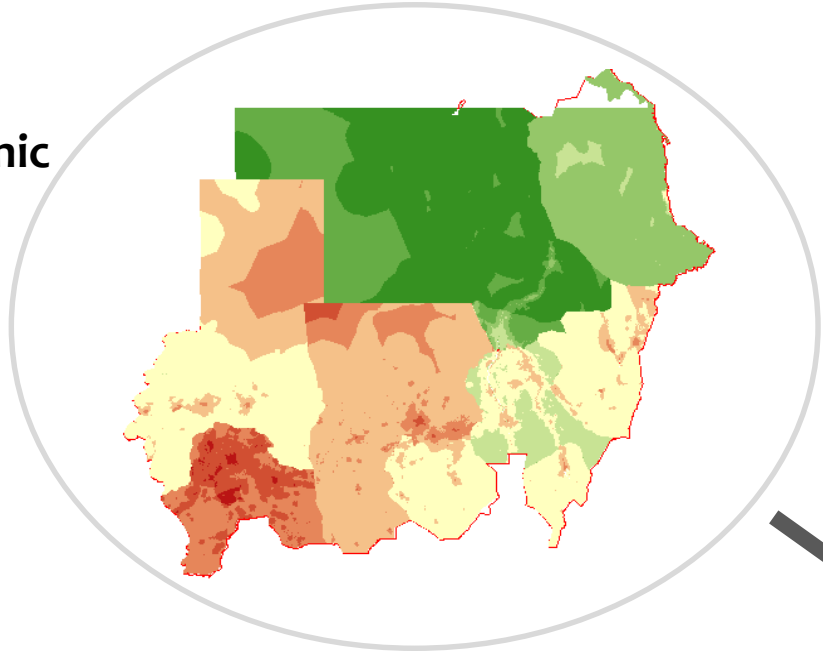


Model Development

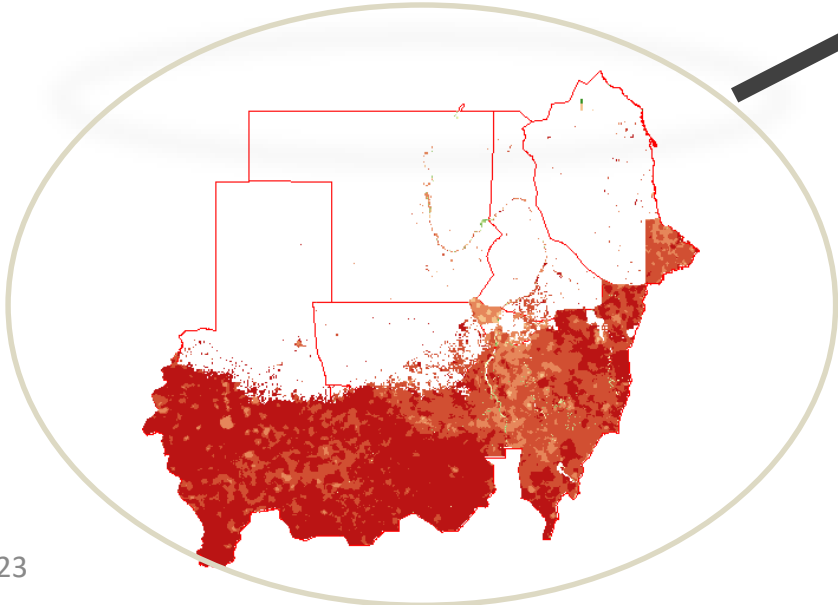


Final Model

Socioeconomic

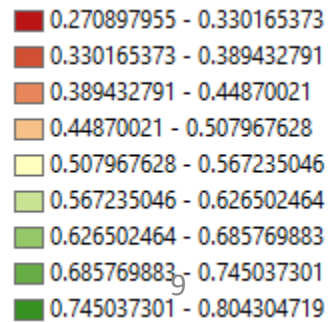
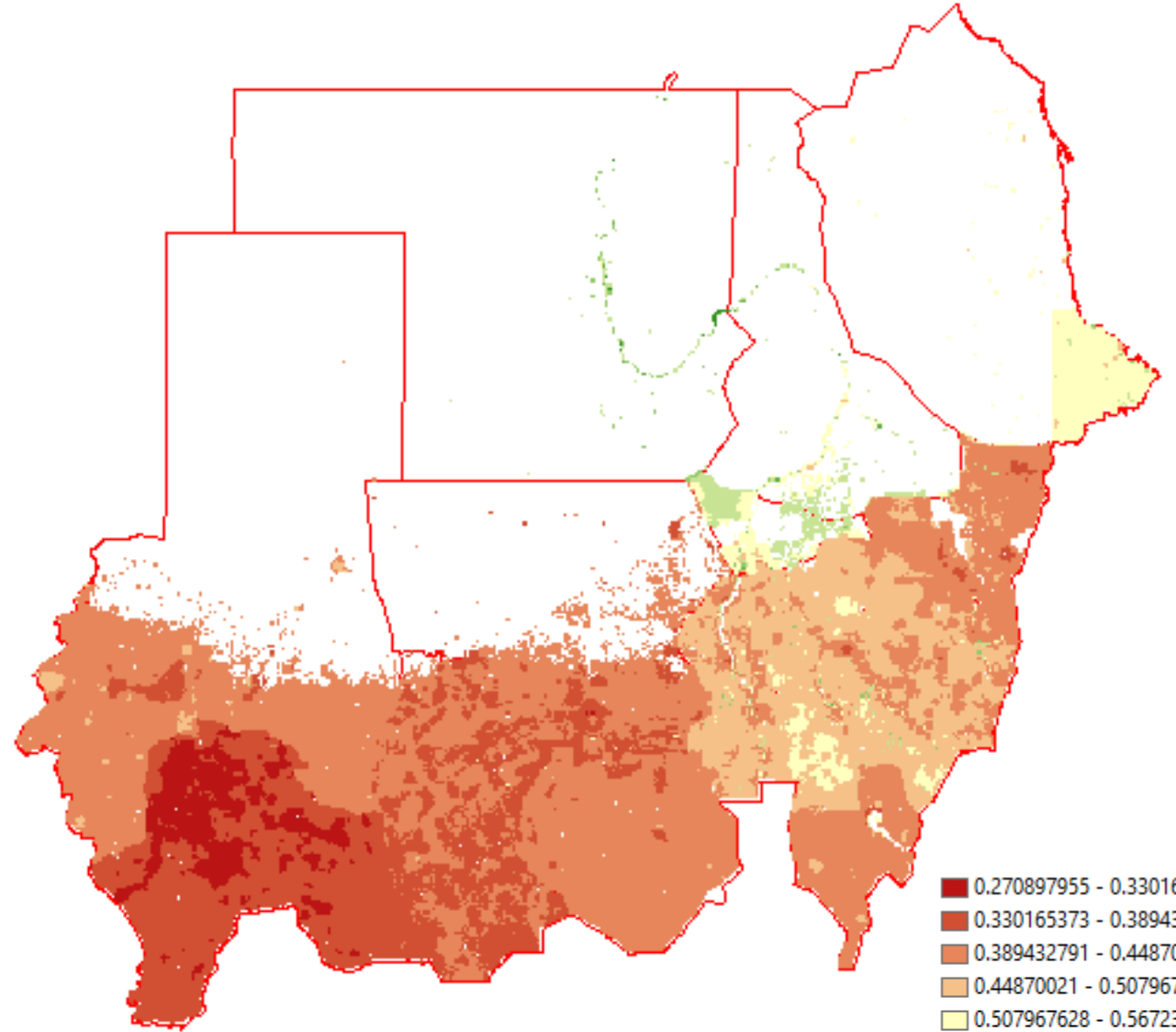


SDG6



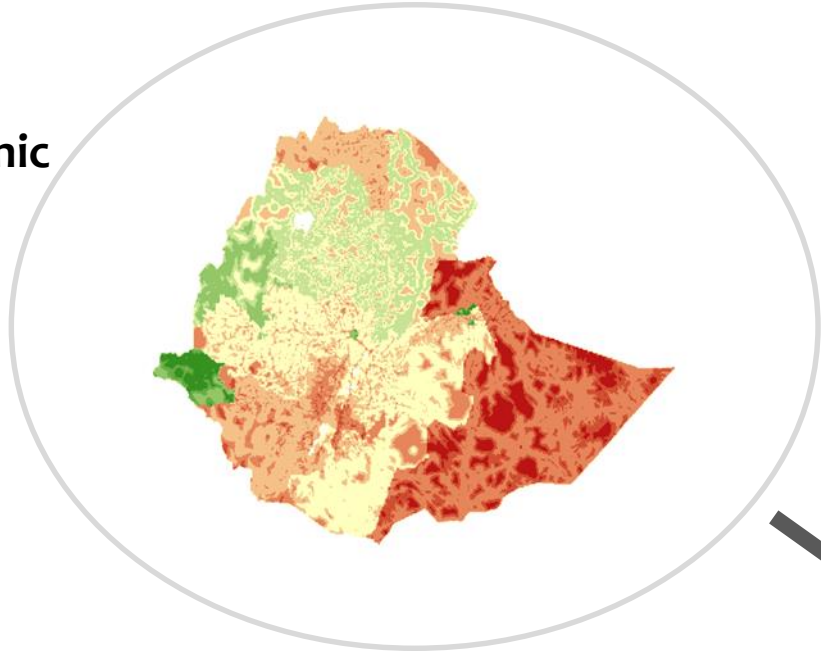
10/1/2023

NBI-ENTRO

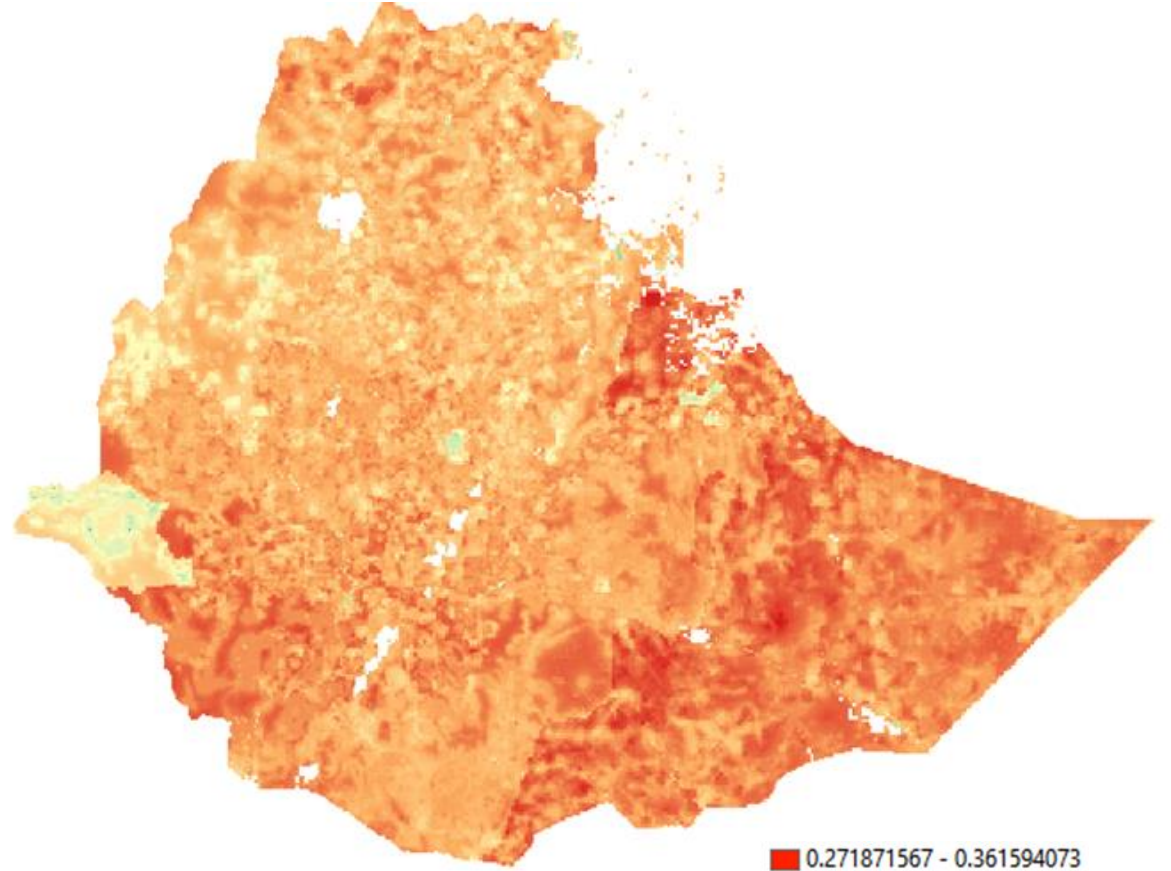


Final Model

Socioeconomic

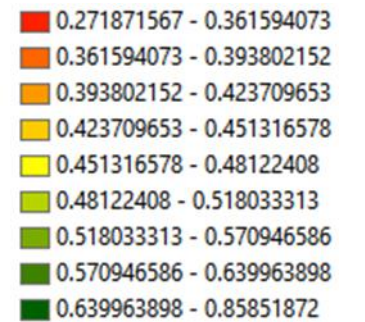


SDG6



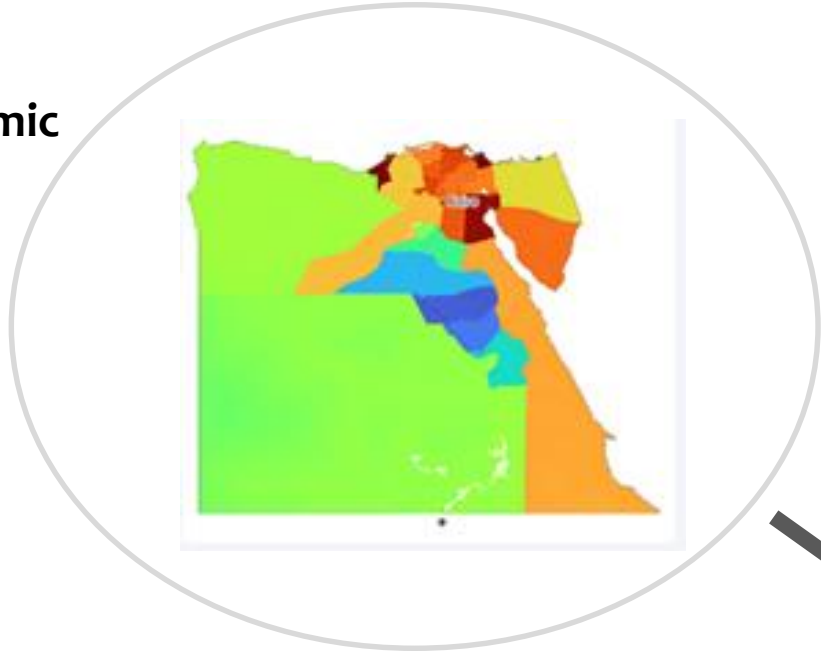
10/1/2023

NBI-ENTRO

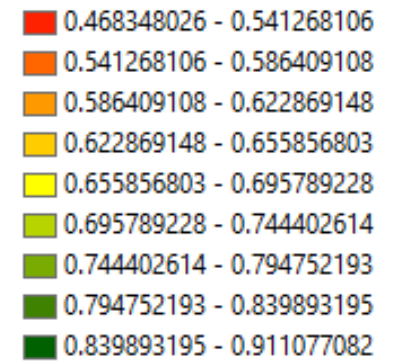
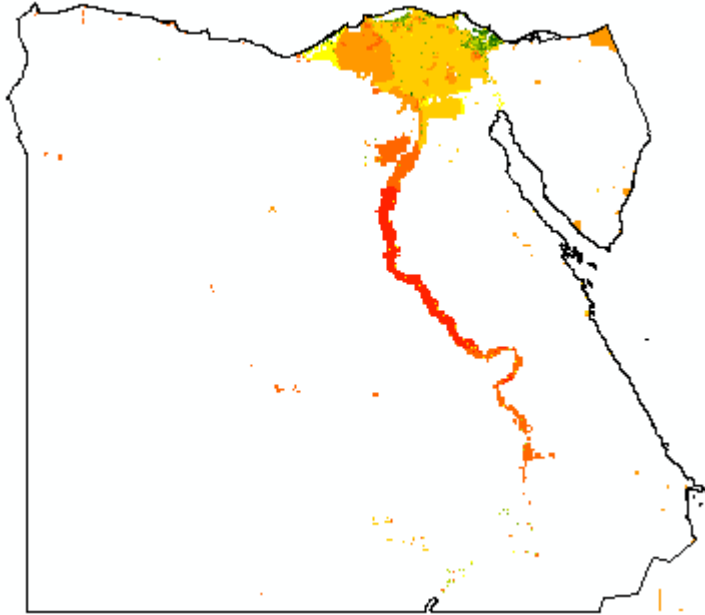
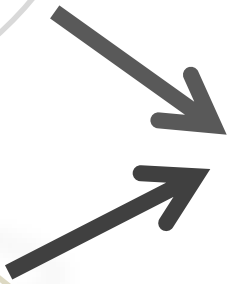
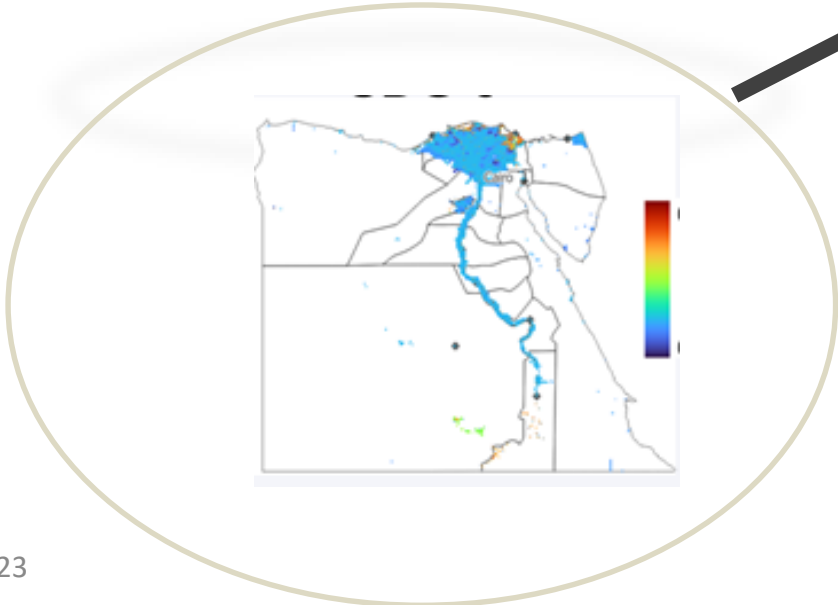


Final Model

Socioeconomic



SDG6





NILE BASIN INITIATIVE
INITIATIVE DU BASSIN DU NIL

**THANK
YOU!**

