



(IDeAMapSudan) SUDAN

INTEGRATED DEPRIVATION AREA MAPPING SYSTEM FOR DISPLACEMENT DURABLE SOLUTIONS AND SOCIOECONOMIC RECONSTRUCTION IN KHARTOUM, SUDAN

FINAL SYMPOSIUM

FEBRUARY 2023



وزارة التنمية الاجتماعية
MINISTRY OF SOCIAL DEVELOPMENT



African Population and
Health Research Center



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SUDAN FINAL SYMPOSIUM

Brainstorming session future plans

Presenter: All

FEBRUARY 2023

Deprivation Framework and Indicators



- Ideamap Frame work
 - Experts consultation workshop
- Understanding of what defines deprivation



Users need assessment in the experts consultation

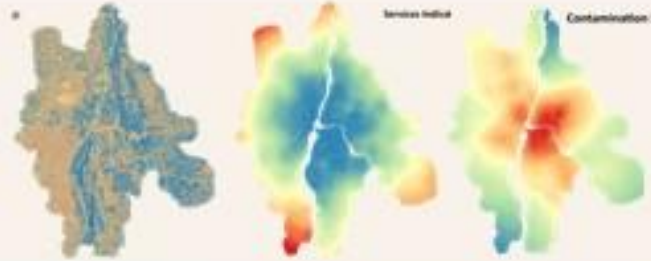
Data Collection



- Existing data collection challenges and gaps
- Open data sources (OSM, EO,...)
- Filling data gaps by combining digital innovations with local knowledge

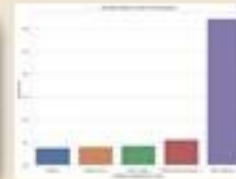


Developing of Indicators Maps



- Indicators maps Analysis

Weighting of indicators

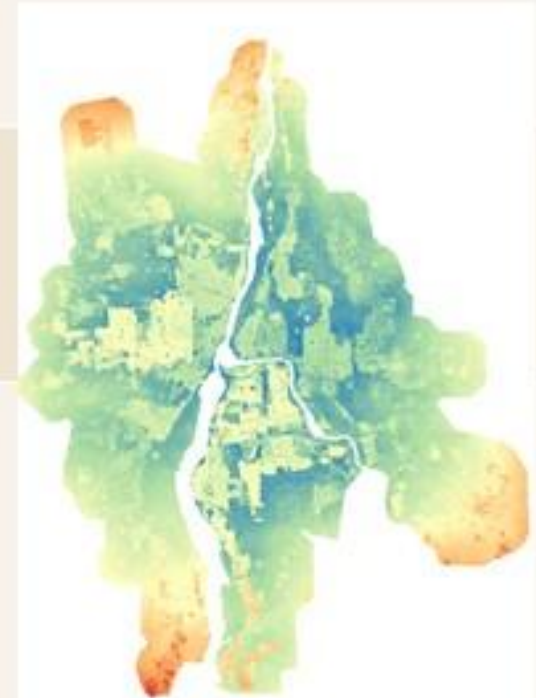


- Statistical analysis and Experts feedback

تطوير نموذج تخريط الحرمان بولاية الخرطوم


Khartoum Deprivation Modelling The Approach

Model Development/ Combined Deprivation Map




Developing a Geonode

<http://geonode.idea-maps.net/>




Data ▾ Maps Apps About ▾

Welcome




Search for Data.




Search

[Advanced Search](#)




6 Layers

Click to search for geospatial data published by other users, organizations and public sources. Download data in standard



No Maps

Data is available for browsing, aggregating and styling to generate maps which can be saved, downloaded, shared publicly or restricted



Data ▾ Maps Apps About ▾

Search

Explore Layers

Selection

No list items selected. Use the selection fields to add.

Filters Clear

TEXT

Search

KEYWORDS

TYPE

Raster Layer 6

CATEGORIES

RESPONSIBLE


GROUPS

GROUP CATEGORIES

DATE

REGIONS


6 Layers found



Khrt_Indust_Pollution

No abstract provided


Fatima Ahmed 6 Sep 2022 12 0 0



Khrt_Surfcce_Temperature_100m

No abstract provided

Musab 6 Sep 2022 12 0 0

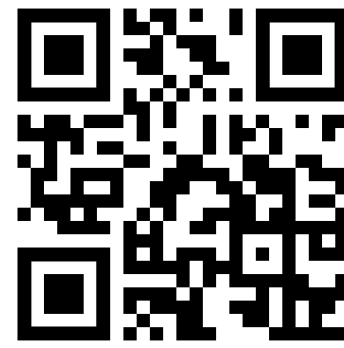


Khrt_AirPollution_NO2_100m

No abstract provided

ToTs organizing training

Open Access Training Materials: <https://www.idea-maps.net/workshops/>



- GIS Expert Training
- Non-GIS Expert Training
- Community Groups Training

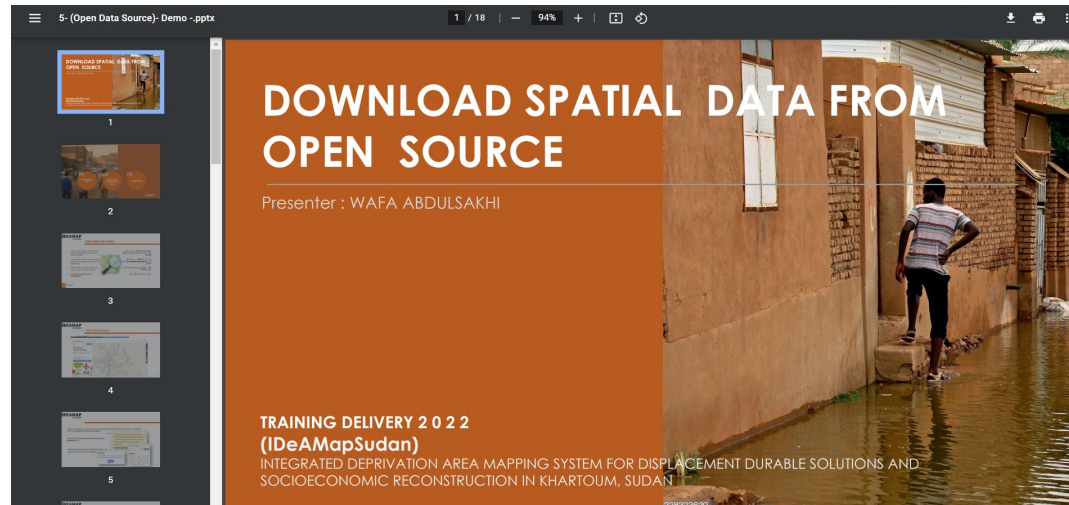
GIS and Earth Observation - Information sources and analysis to support decision-making

- Day 1 - Introduction to Spatial Data and QGIS
- Day 2 - Spatial Data Collection & Analysis
- Day 3 - Earth Observation
- Day 4 - Modern Geospatial Methods

Day 1 - Introduction to Spatial data and QGIS

Facilitator guide day 1

- 1) Welcome and Introduction to IdeaMapSudan
- 2) Introduction to GIS modelling
- 3) Using secondary data
- 4) Introduction to OGC Web Services
- 5) Downloading open-source data
- 6) Data quality and validation
- 7) Using primary data
- 8) Exercise - Introduction to QGIS



How to use the IDEAMAPSudan data to support local policy and improvement plans? Making data to actions!



Brainstorming for follow-up (Serkan)

What are the bottlenecks for these use cases? How to surpass these bottlenecks?



How to capacitate Government Institutions in improved data collection and analysis?



How to capacitate Community Groups in data collection and analysis (data activist)?



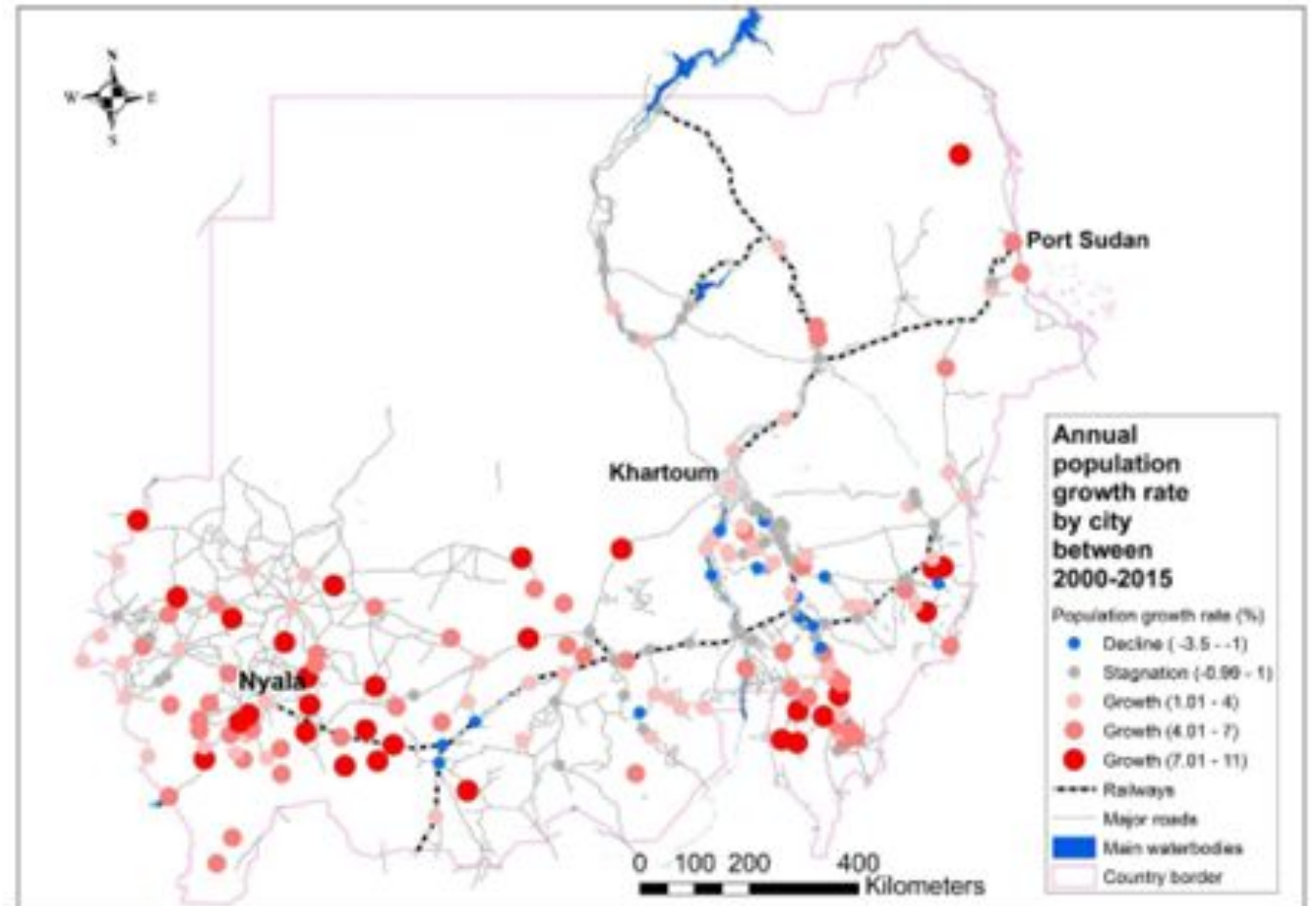
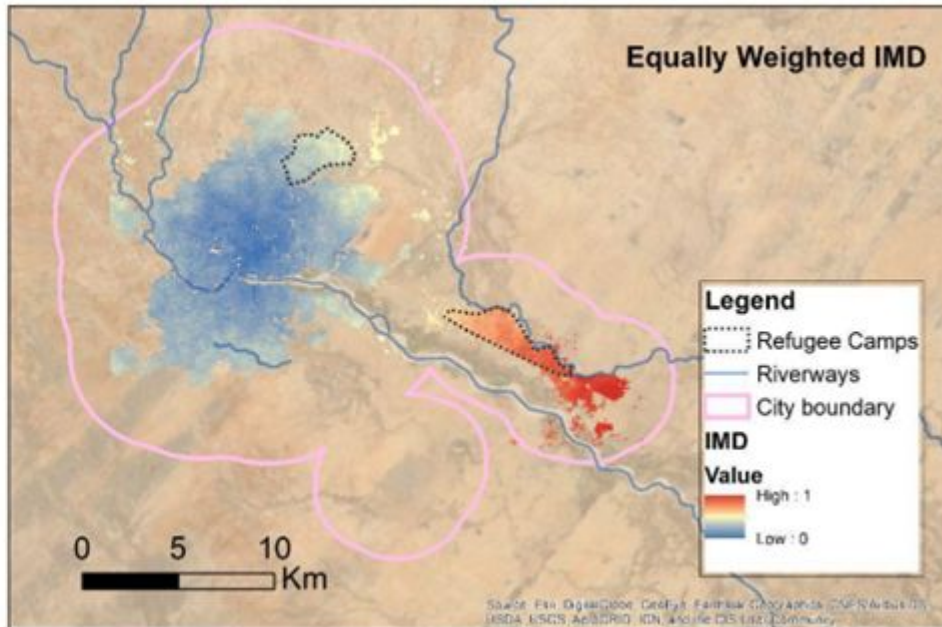
Upcoming

Brainstorming for follow-up (Mustafa)

How to involve Universities in the capacity development activities?



How to extend IDEAMAPSudan to other parts of Sudan?



How to sustain the IDEAMAPSudan knowledge, data and training materials?



Main Lessons Learned

- ❖ Outdated and missing data - and data silos hinder development
 - Overview of data availability
 - Access to data and open data sharing
 - Documentation of data availabilities and gaps
- ❖ Adding data (quantitative / qualitative) on indicators
 - Different mindset of mapping - combining bottom-up mapping with official maps
 - Classifying data about the option to be shared
- ❖ Follow-up works and future plans
 - Transferring to other parts of Sudan
 - Sustaining the knowledge and data systems
 - Building platforms for knowledge and data exchange between stakeholders (different ministries, academics, NGOs and community groups)
 - Establishing committees that brings community and government together - to joint forces for data collections.

