

Why is the IT and GIS tools so important?



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10th November 2015

Make use of new tools for effective and transparent national development

NORPLAN 
Consulting Engineers and Planners

WHY ARE WE
REALLY HERE?

HOW CAN
TODAY MAKE A
DIFFERENCE?



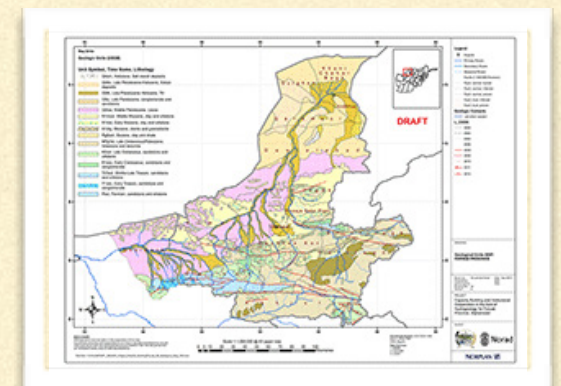
WE ARE HERE FOR DEVELOPMENT

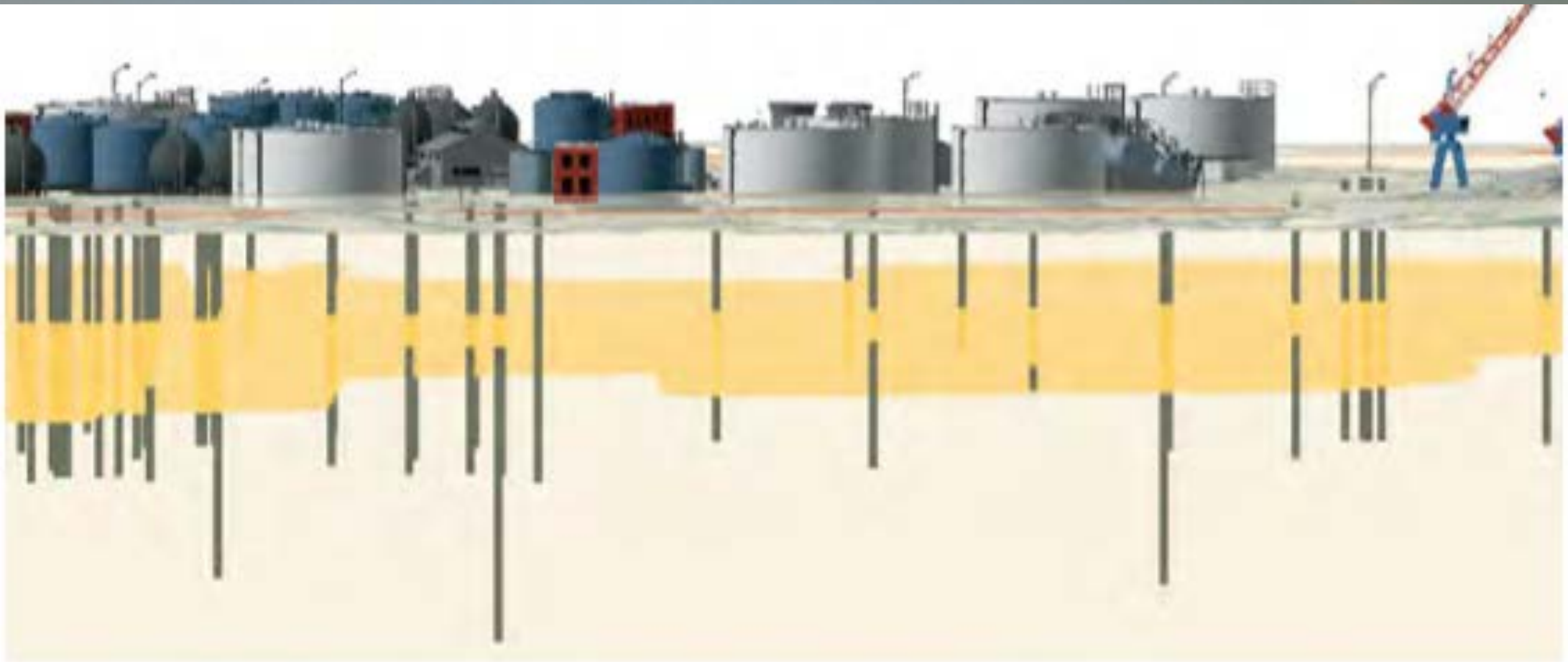
- I believe we are here because we are hearing about GIS as a great tool.
- I believe we are there because we want to learn how to do our jobs better using IT and GIS tools. These are some of the tools changing so much of how we work and behave. That is good.
- The world is changing fast. For the better?

THANKS TO COMPUTERS



- Numbers turns into pictures which we can understand and make use of..

A screenshot of a data table with multiple columns and rows of numerical data. The table is organized into several columns, with some columns containing headers and others containing numerical values. The data appears to be organized in a structured manner, possibly representing a dataset or a list of items with associated values.

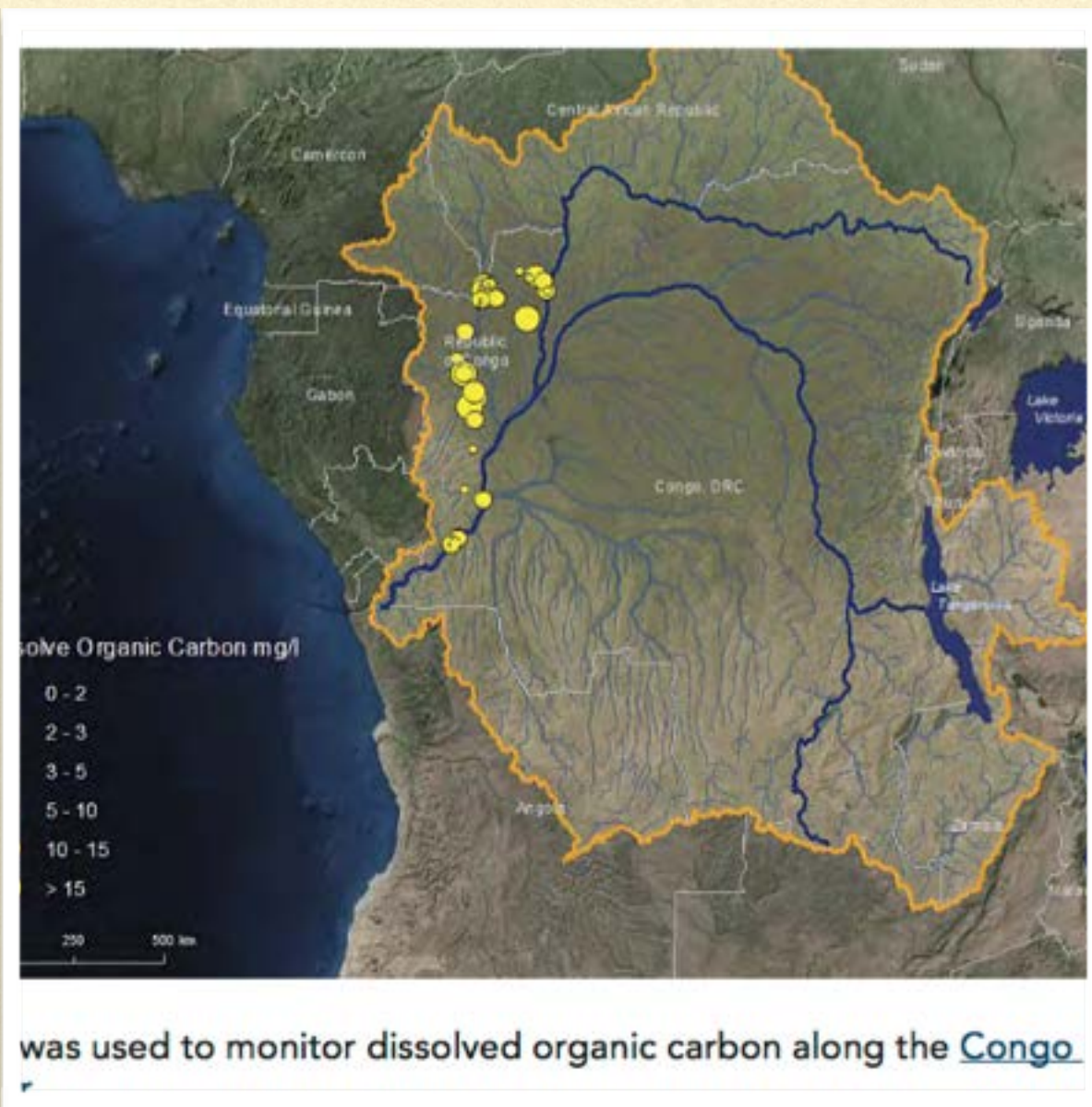


GIS is used to monitor the effect of water table fluctuations on petroleum

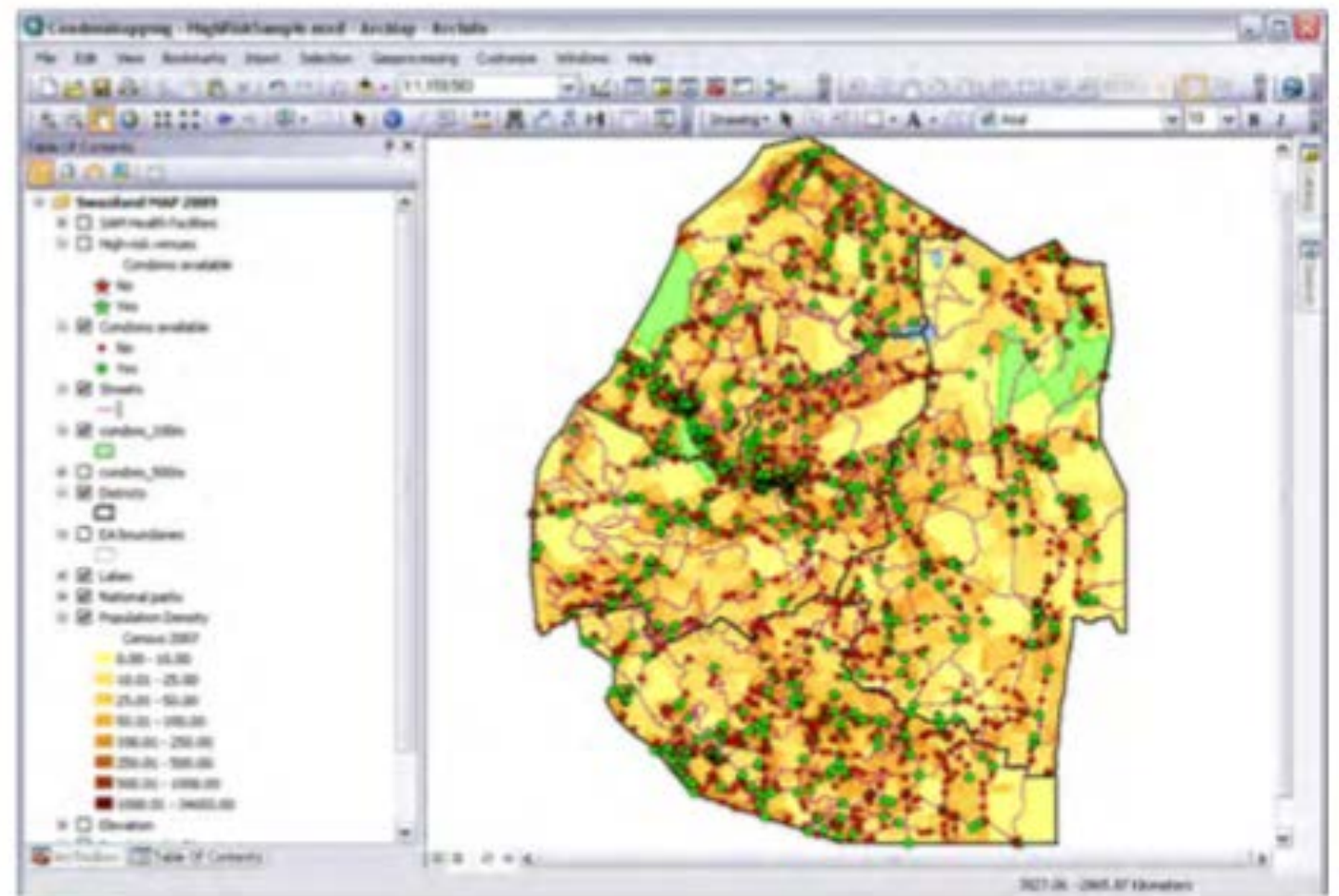
YES, WE CAN LEARN MUCH IN SECONDS.

see some pictures? , look 5 seconds for each

POLLUTION OF RIVERS



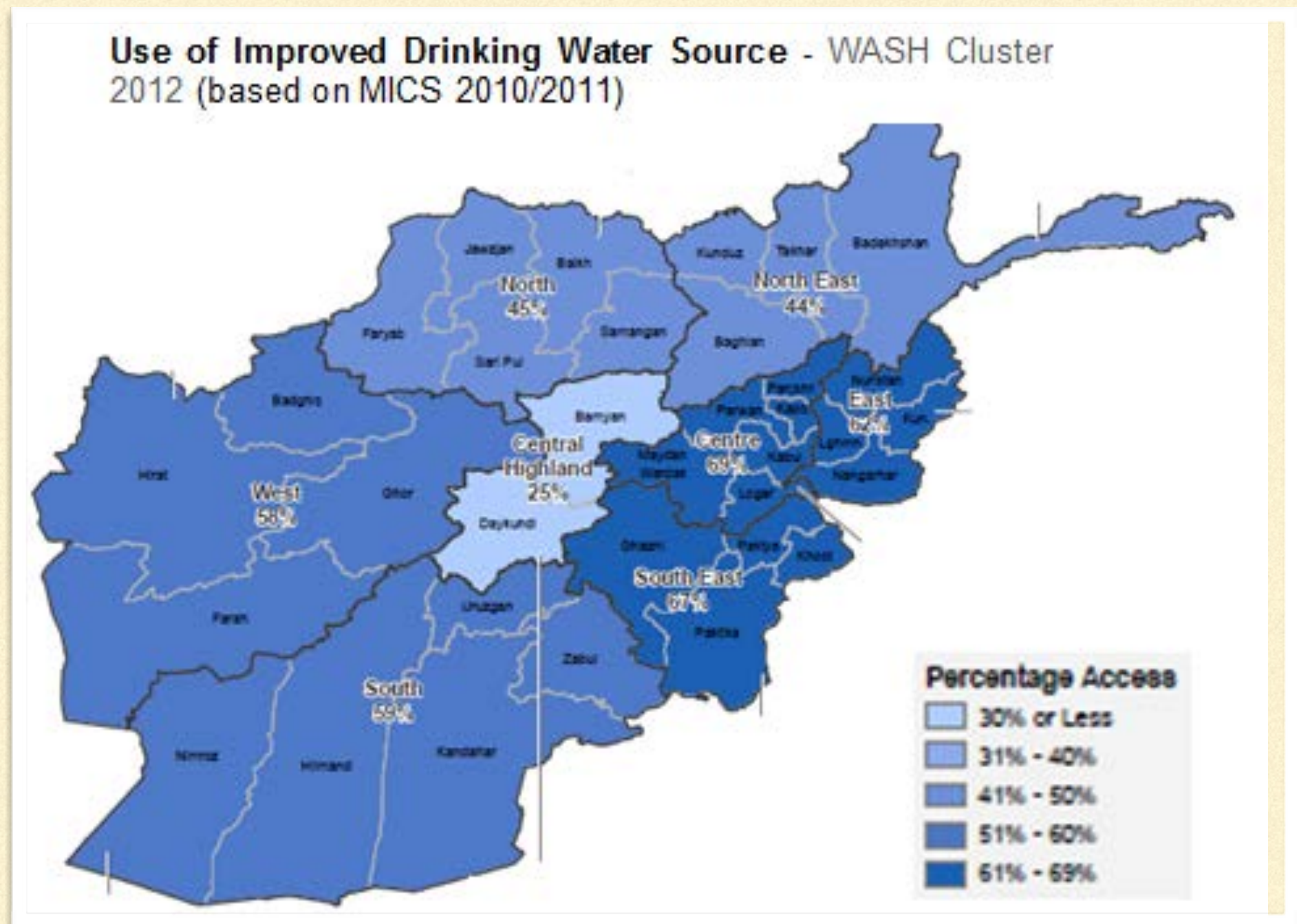
- Quickly the picture tells us if there is a problem and where..



[Population Services International](#) uses GIS to monitor the fight against HIV/AIDS in Swaziland.

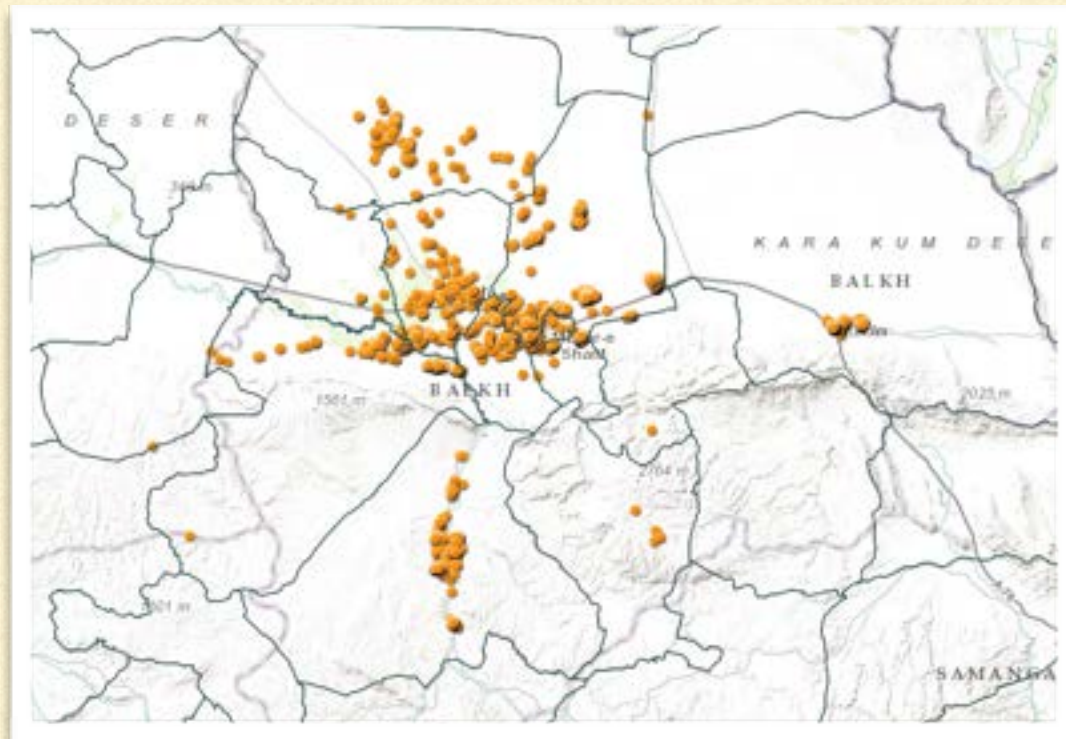
EXAMPLE: DISEASE CONTROL

OVERVIEW, BUT GOOD ENOUGH?

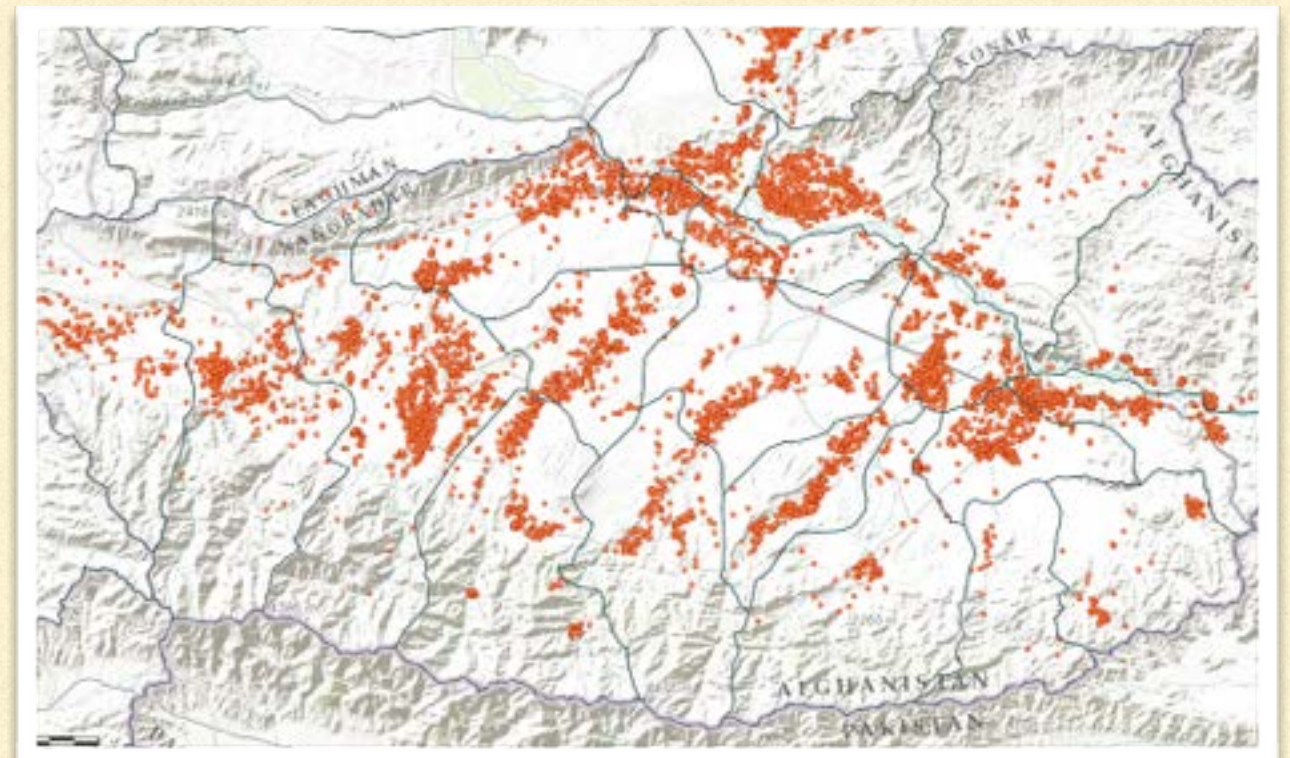


More just development with GIS?

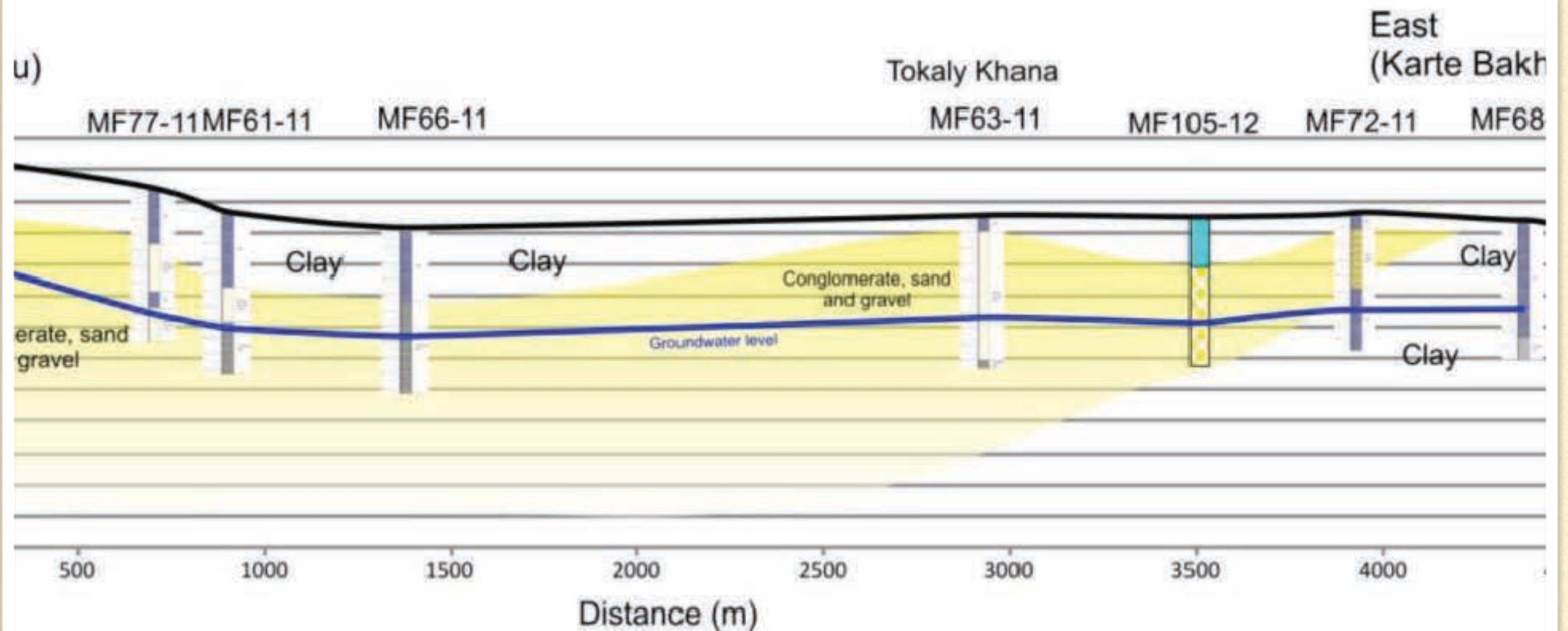
Balks province:
1500 water points!



Nangahar province:
7500 Water points!



on 1



VISUALISE WATER BEARING STRUCTURES

from Faryab

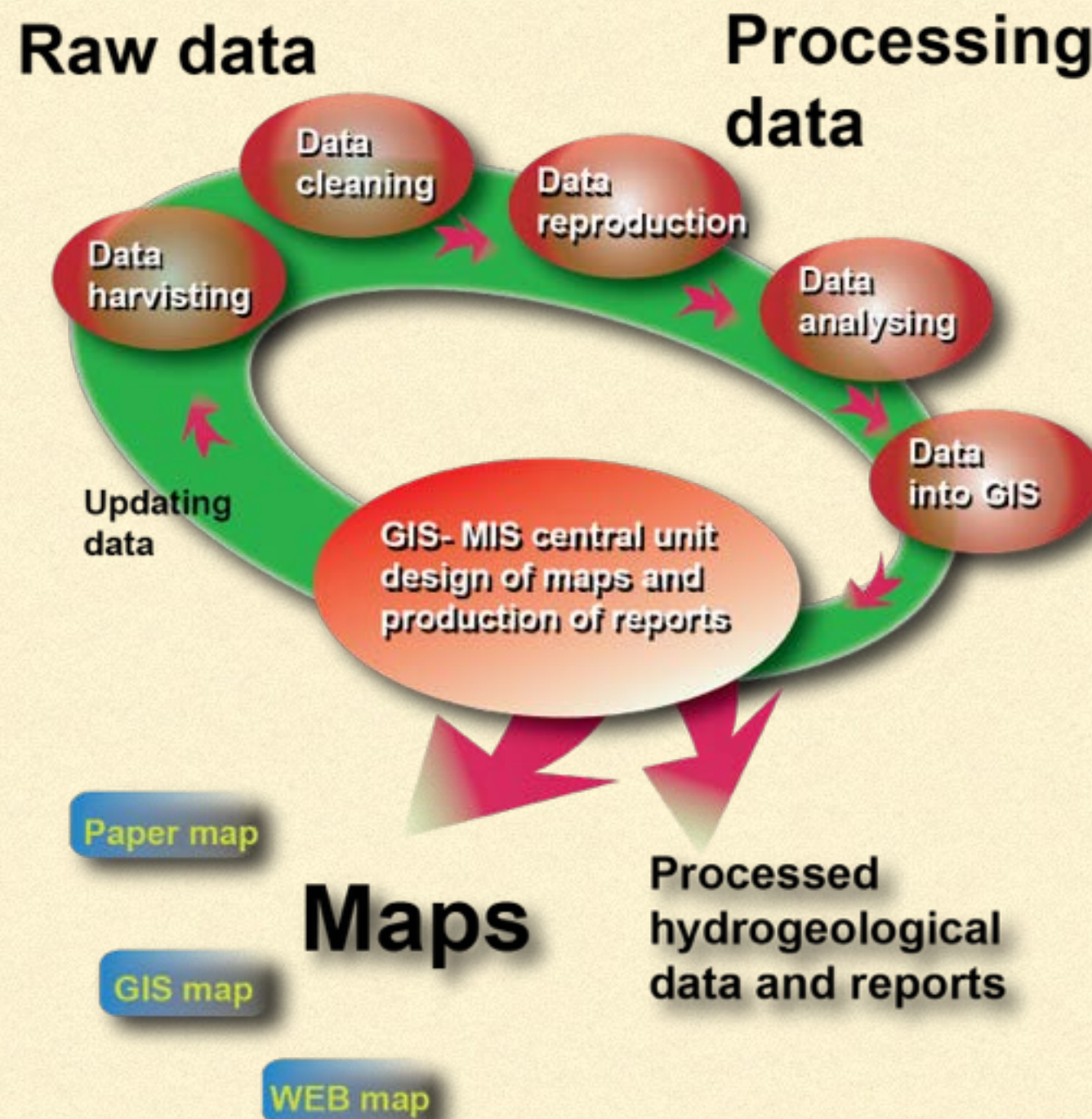
GREAT COMMUNICATION TOOL.

- we can learn so much so faster with GIS images,
 - then we can also communicate much fast.
 - Provide clarity and understanding what the situation is an proposed remedies perhaps.
-

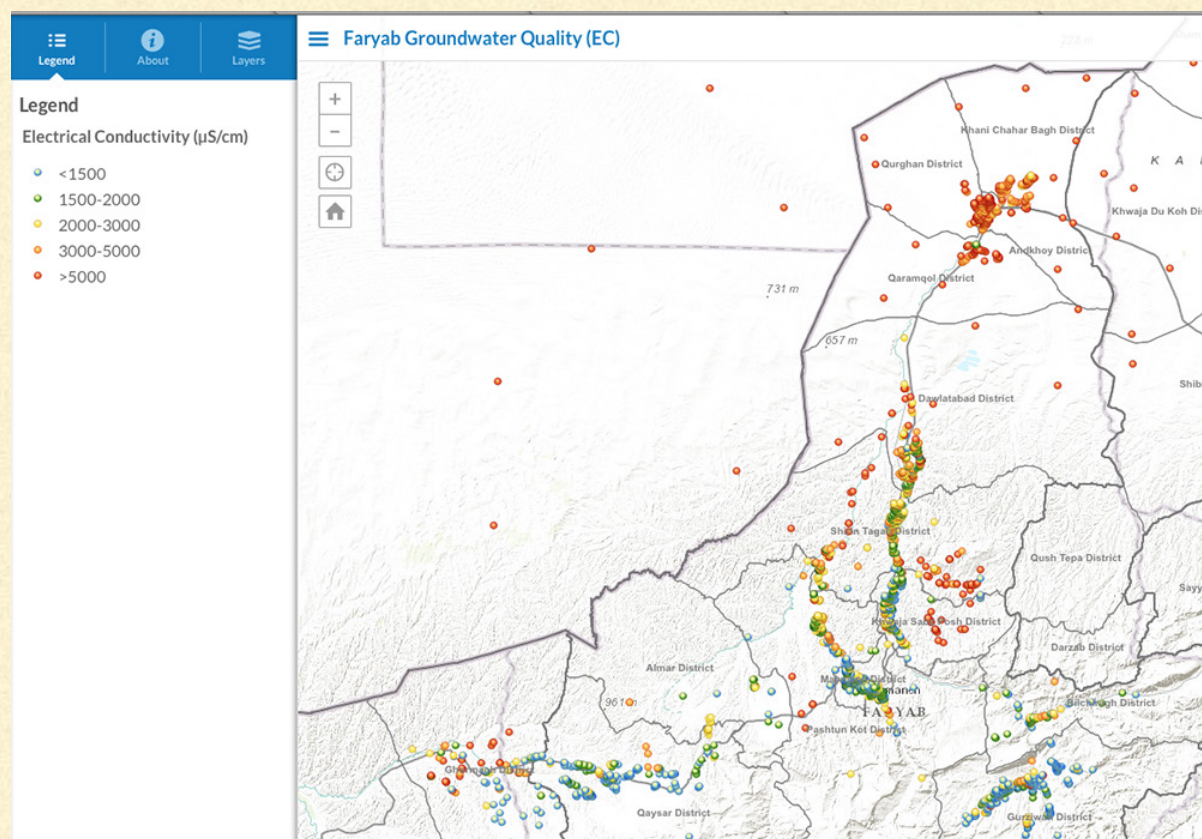
GOOD INFORMATION FLOW

- Possible to make and communicate better plans.
- Faster and more transparent development
- GIS can assist in informing civil society of development status plans, achievements and gaps

Data management for GIS is technical and demanding as illustrated here



BUT GIS IS ONLY A TOOL.



- The focus must be on service provision in general.
- However, in our conference in order to learn the tool, discussions must be technical.

EXCITING TIMES

- Now we also have seen that the software used is becoming cheaper and it is for nearly all to use,
- There is many things happening today in many places and organisations in Afghansitan, but I am sure we all should do better
- I HOPE THE CONFERENCE CAN AGREE ON ACTION POINTS FOR THE WAY FORWARD TO USE THE NEW TOOLS FOR FASTER AND MORE EFFICEINT SERVICE PROVISION FOR ALL AFGHANS
- CONFERENCE DECLARATION.

WE OWE THE CHILDREN HOPE FOR BETTER LIVELIHOOD



- We CAN make a difference by doing a professional job for closing the gaps for basic services
- Thank you