

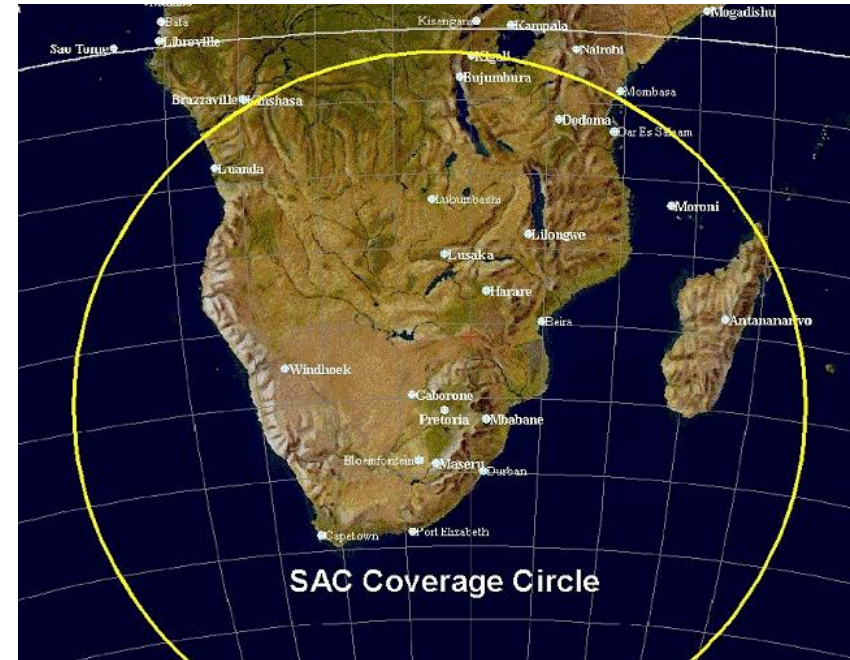
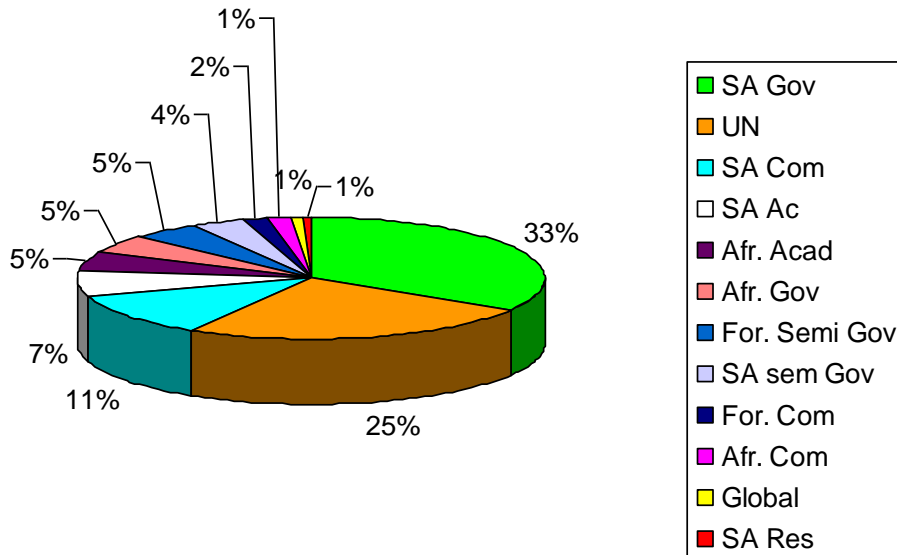
# Update on Data Democracy

Presented by: P. Maruping

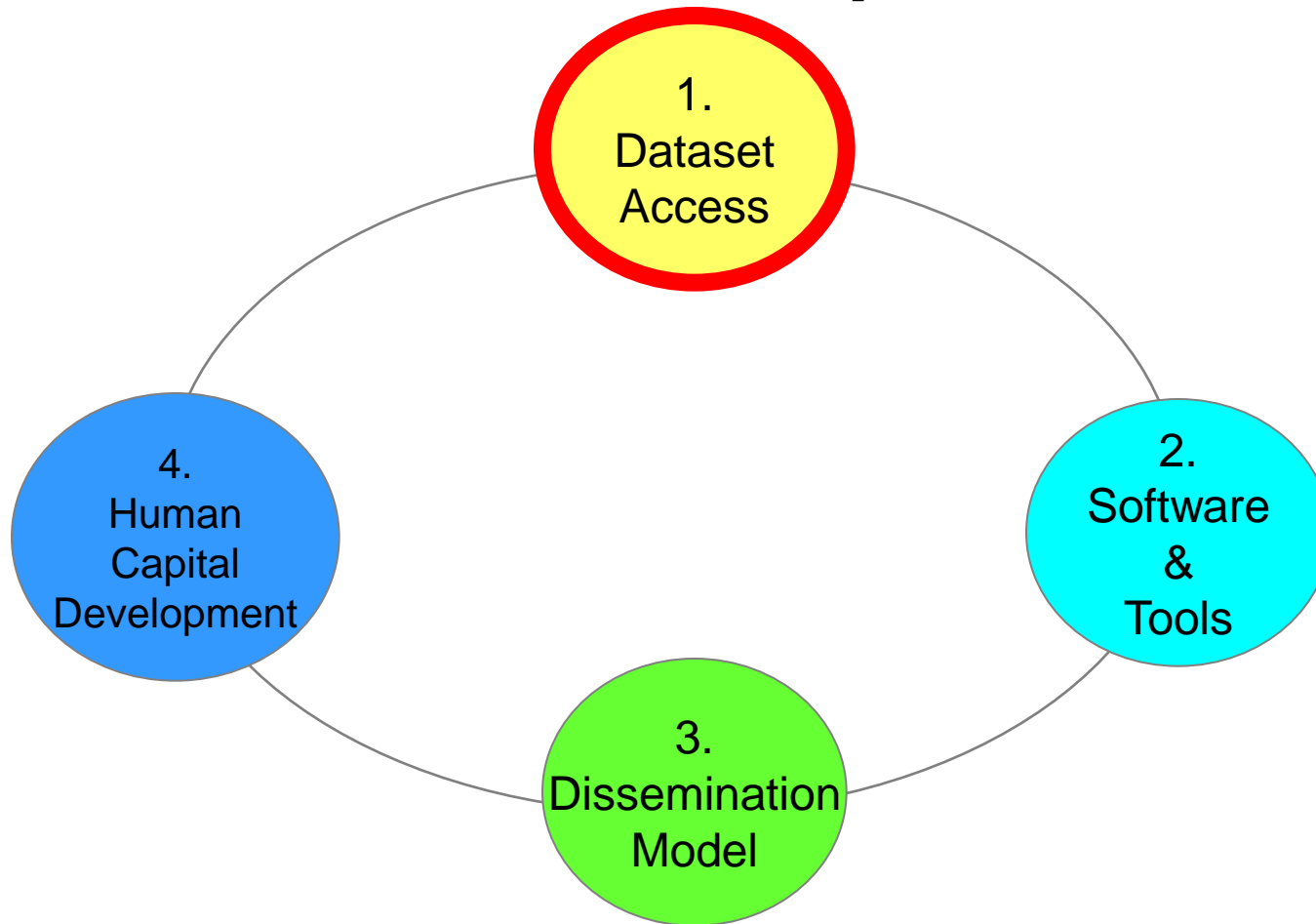
# Historical Perspective

- NASA and NIMA funded Landsat GeoCover products in 1997
- SA Government funded regional access to entire Landsat archive in 2004
- Outcome was an immediate spike in SADC regional usage of the data

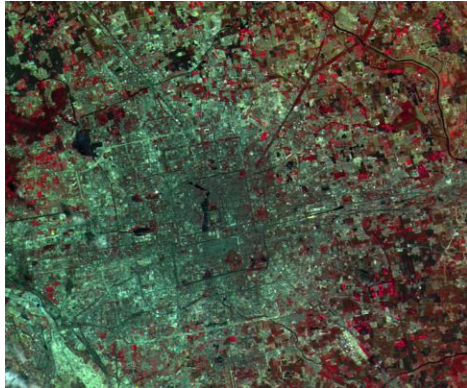
SADC Regional Usage of Landsat 2005



## Data Democracy Pillars

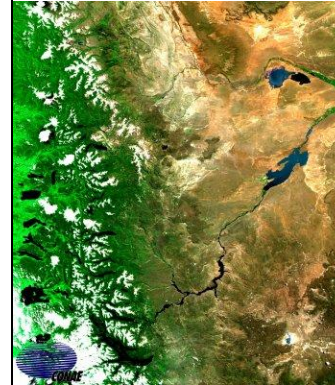


# Current Data Access Contributors



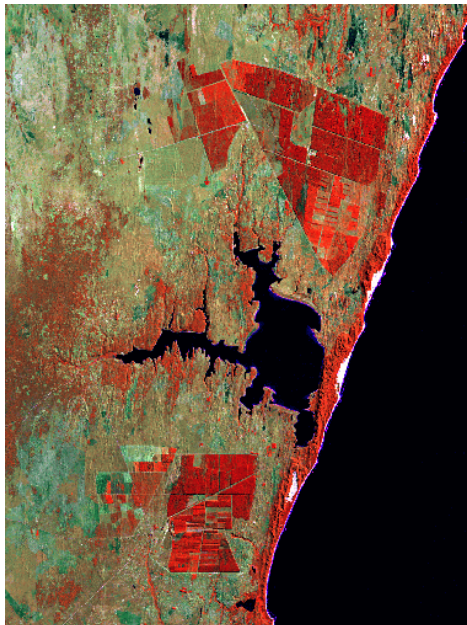
## CBERS-2B

- SADC reception testing complete
- Ingest software completion by Oct 08
- SADC reception and free dissemination by Nov08



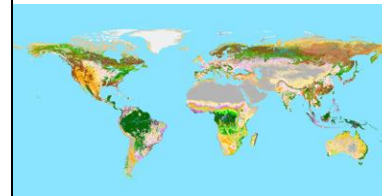
## SAC-C

- Reception testing at SAC successful
- Discussions on free dissemination to SADC underway

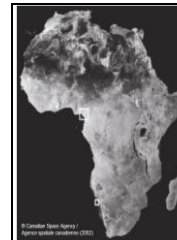


## Landsat

August 2008: U.S. Secretary of the Interior, Dirk Kempthorne, announced that the 35 years of archived Landsat data will be made available over the web free to the public by the end of the year.



## GLOBCOVER



## Radarsat Africa Mosaic

CSA committed access to Radarsat Africa mosaic



Canadian Space Agency

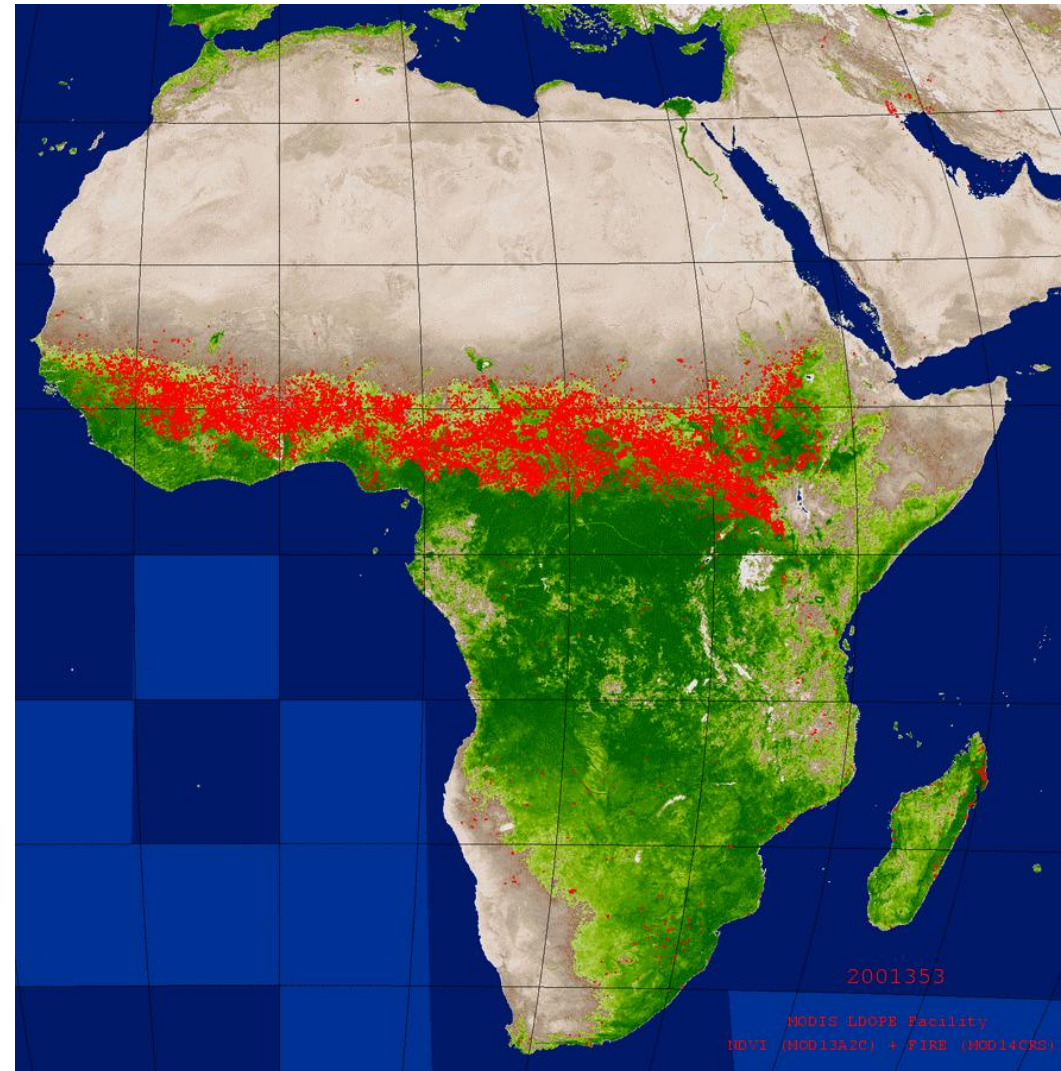
Agence spatiale canadienne

## Targeted Data Sets and Sensors

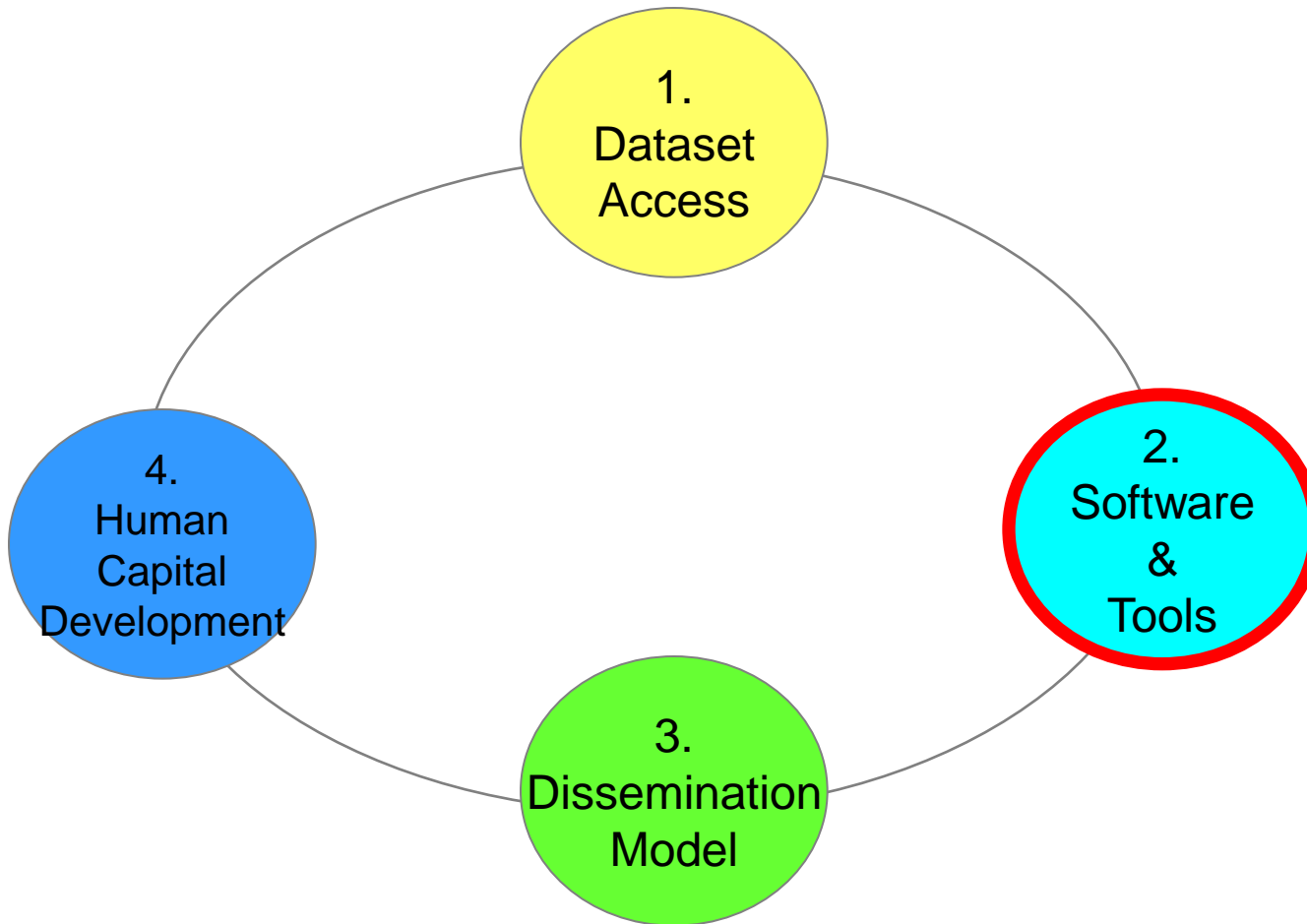
- SRTM 30m resolution data (essential for orthorectification of EO data in developing countries)
- Resourcesat
- ALOS
- Envisat
- LDCM
- Sentinel Series

## Data Democracy in Action

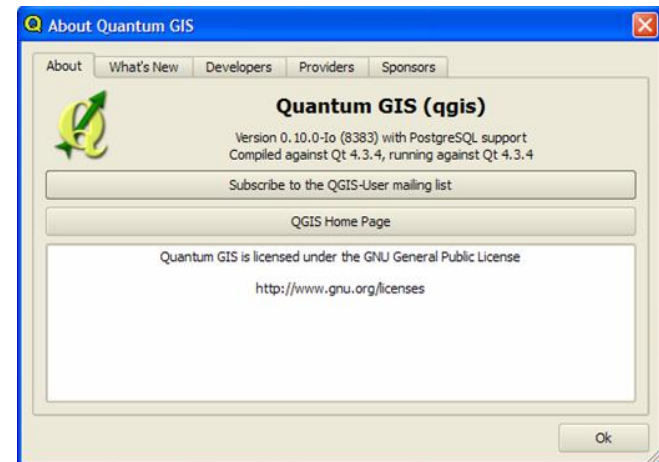
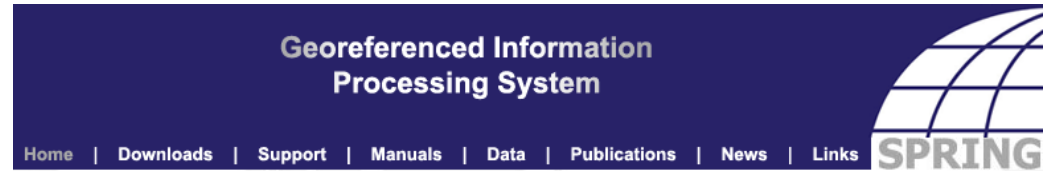
- Free Access to Modis, NOAA and MSG data has allowed for the development of the Advanced Fire Information Service (AFIS).
- AFIS provides near real time fire detection, burn scar mapping and fire danger prediction
- The Service is being utilised free across SADC



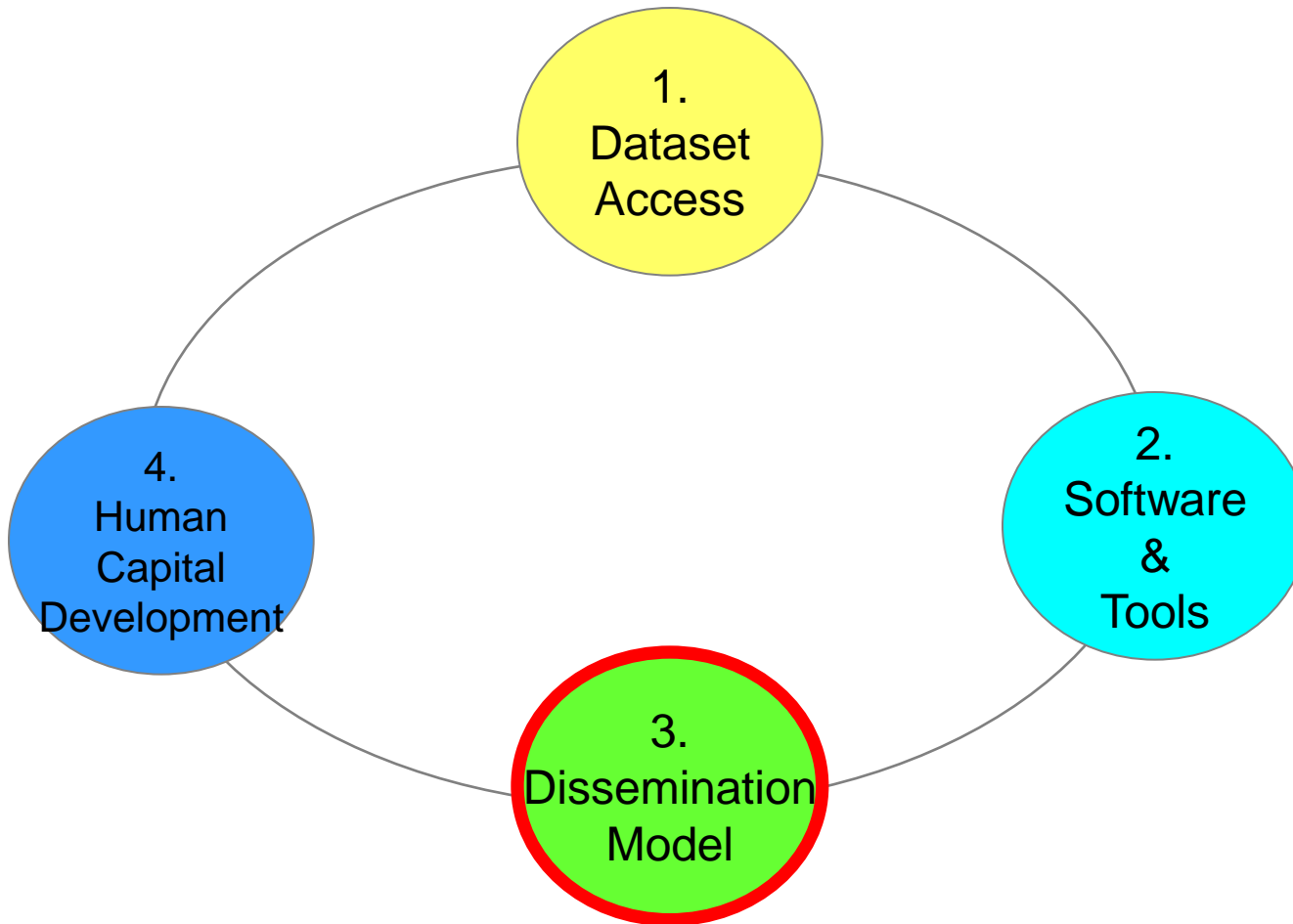
2001 Active fire Simulation (Provided by Dr David Roy)



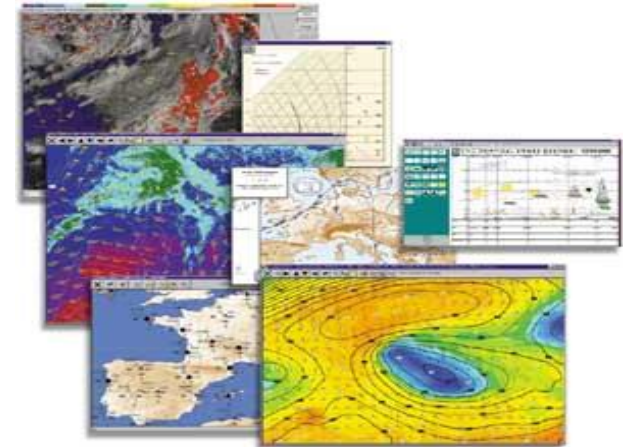
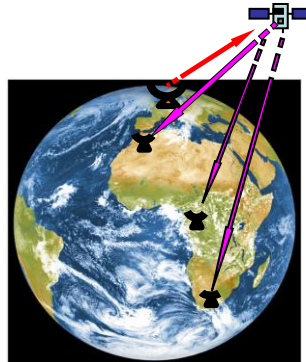
# Software and Tools





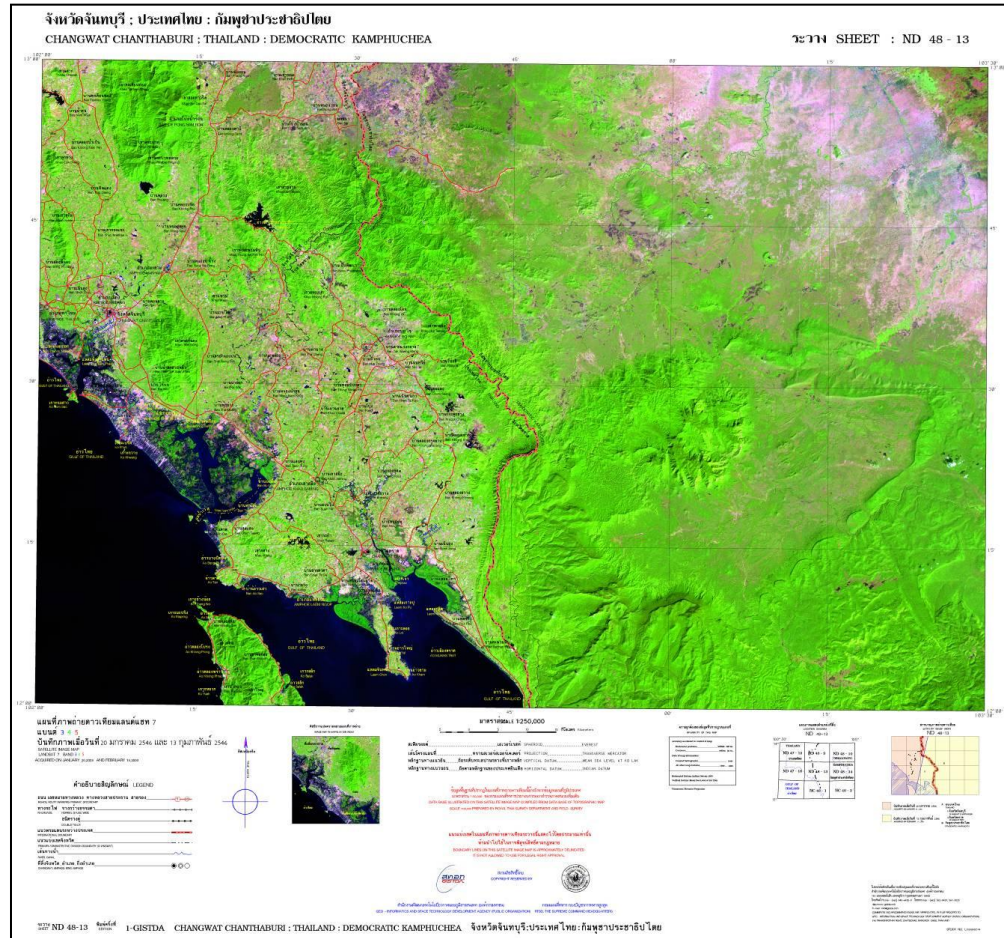
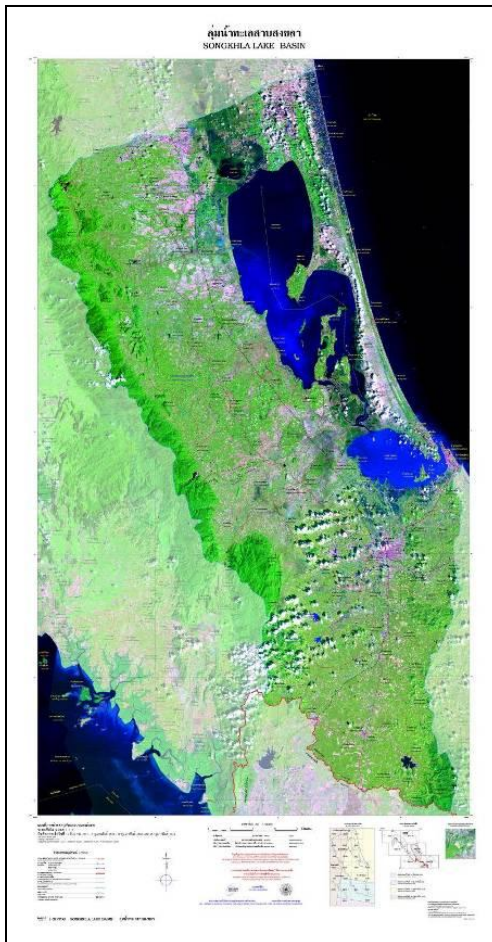


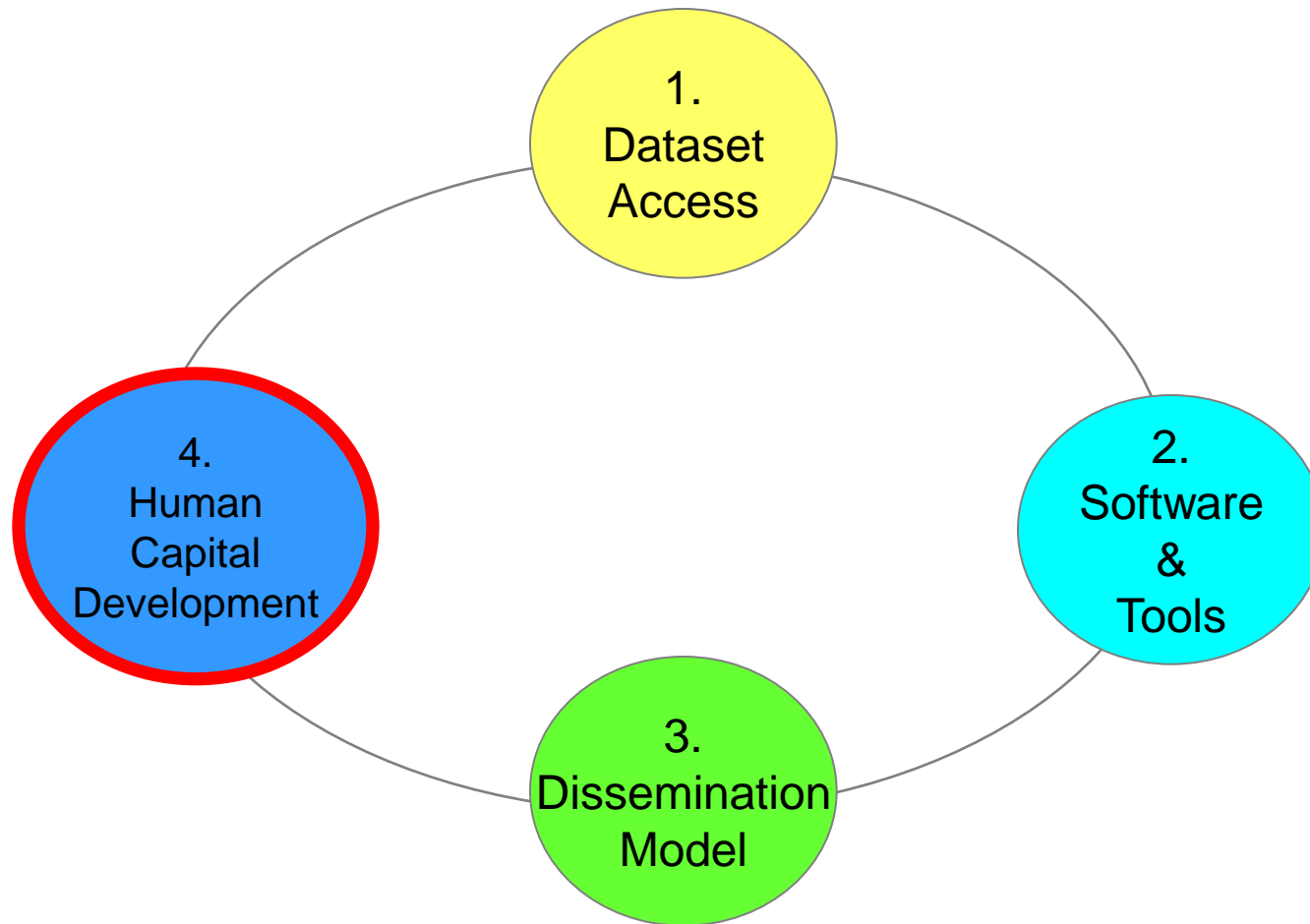
# Geonetcast



# Alternate options

## GISTDA Space Map success Story





# Human Capital Development

- Regional Remote sensing Training Facility being explored (SA current of SADC)
- CEOS member agency commitments to the provision of international experts
- Web based training models being explored

# THANK YOU FOR YOUR CONTRIBUTIONS

