CENTRE FOR AGRICULTURAL RESEARCH IN SURINAME

... promoting applied Technological Research !

Overview Data Resources CELOS/NARENA

K.M. Tjon

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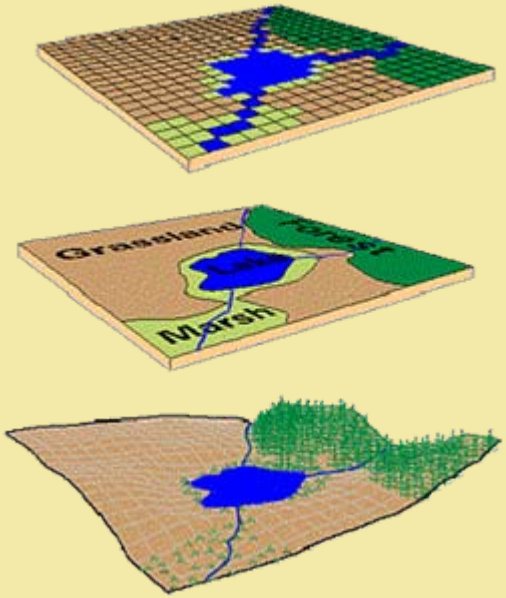


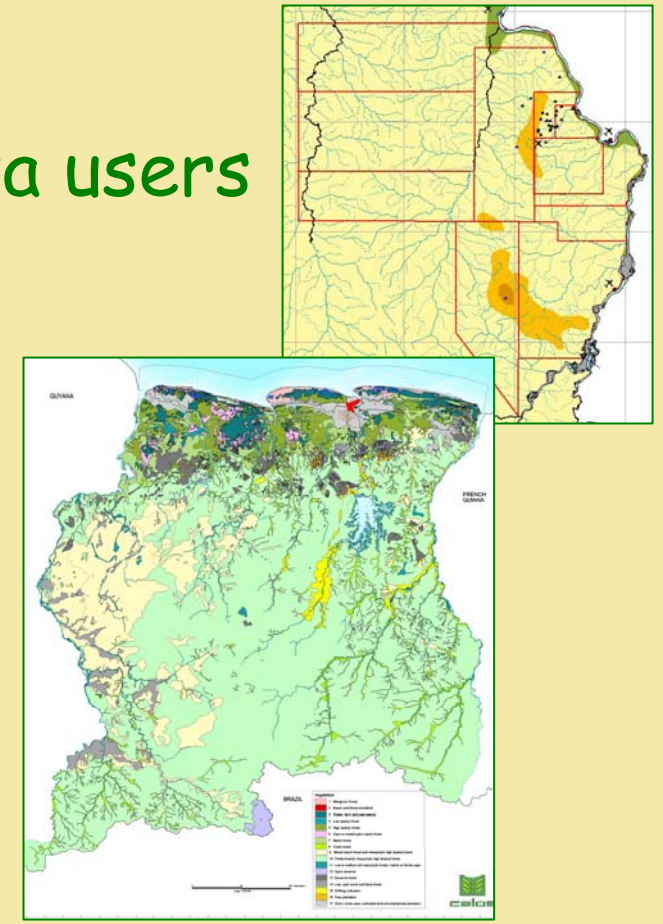
What is NARENA

- Natural Resources and Environmental Assessment
- Multi-disciplinary dept. of CELOS using GIS & RS

- Application GIS & RS for NR research
  - Inventory & monitoring of NR
  - Human interference on natural environment

What does NARENA do

- Research
- Service to other spatial data users
  - Standard & Tailor made maps
  - Provide basic planning tools
  - *e.g. (goldmining) concessionaires*
- Transfer of knowledge
  - FTeW regular GIS course
  - Other



Who uses our services

- Researchers
- Resource Managers / Institutes
- Students
- Private sector
- Governmental Agencies
- NGO's (VIDS, CI, WWF, etc.)

Data

- Hydrography
- Infrastructure
- Demography
- Land use
- Vegetation
- Topography
- Geology
- Soil
- Landforms

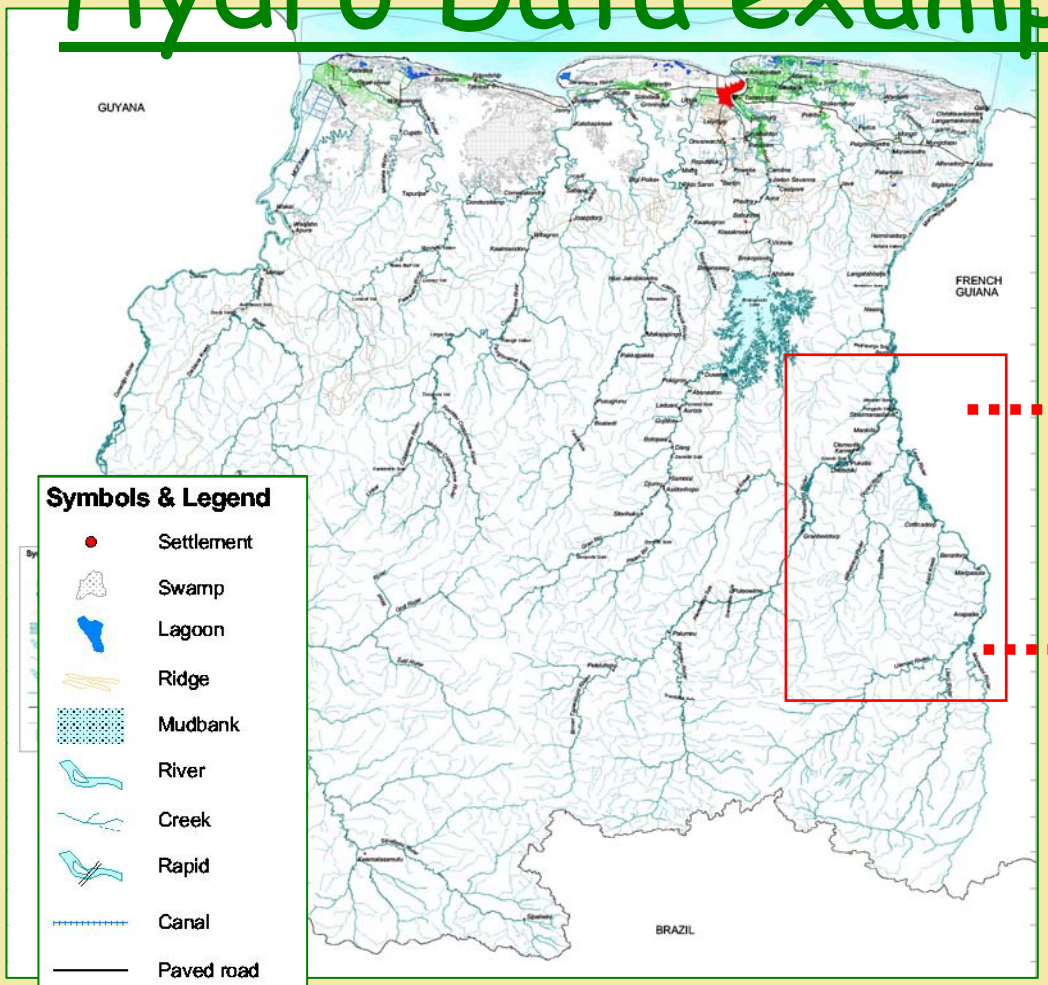
Hydro Data Source

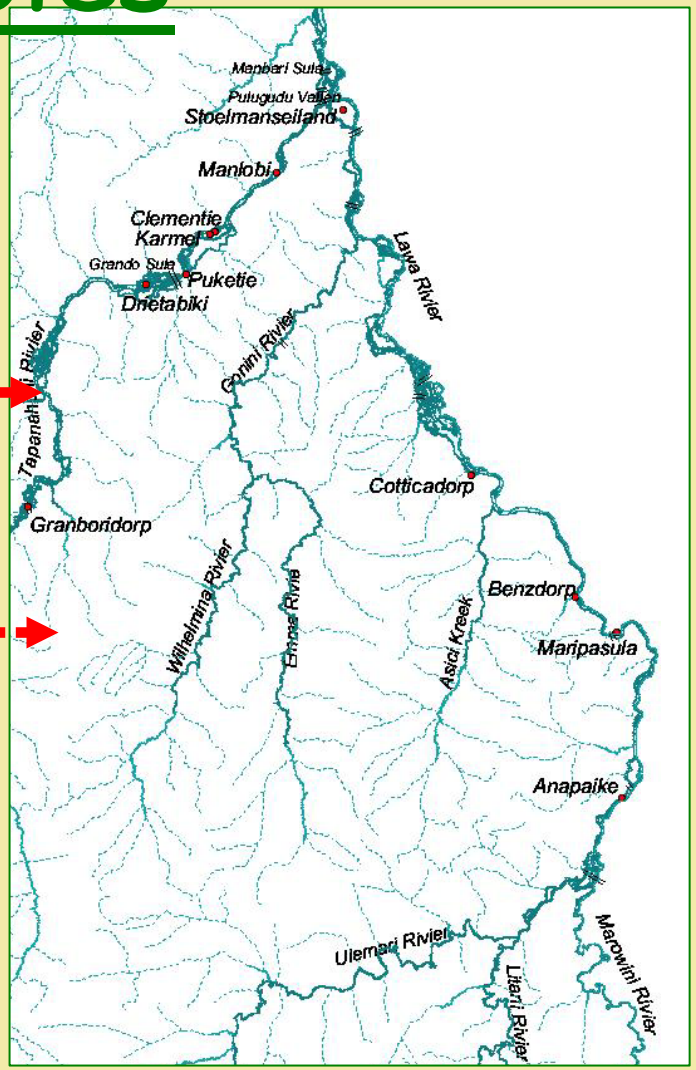
- CBL Topographic maps
- Nation-wide coverage
- Scale 1:100,000
- Projection: SURTM

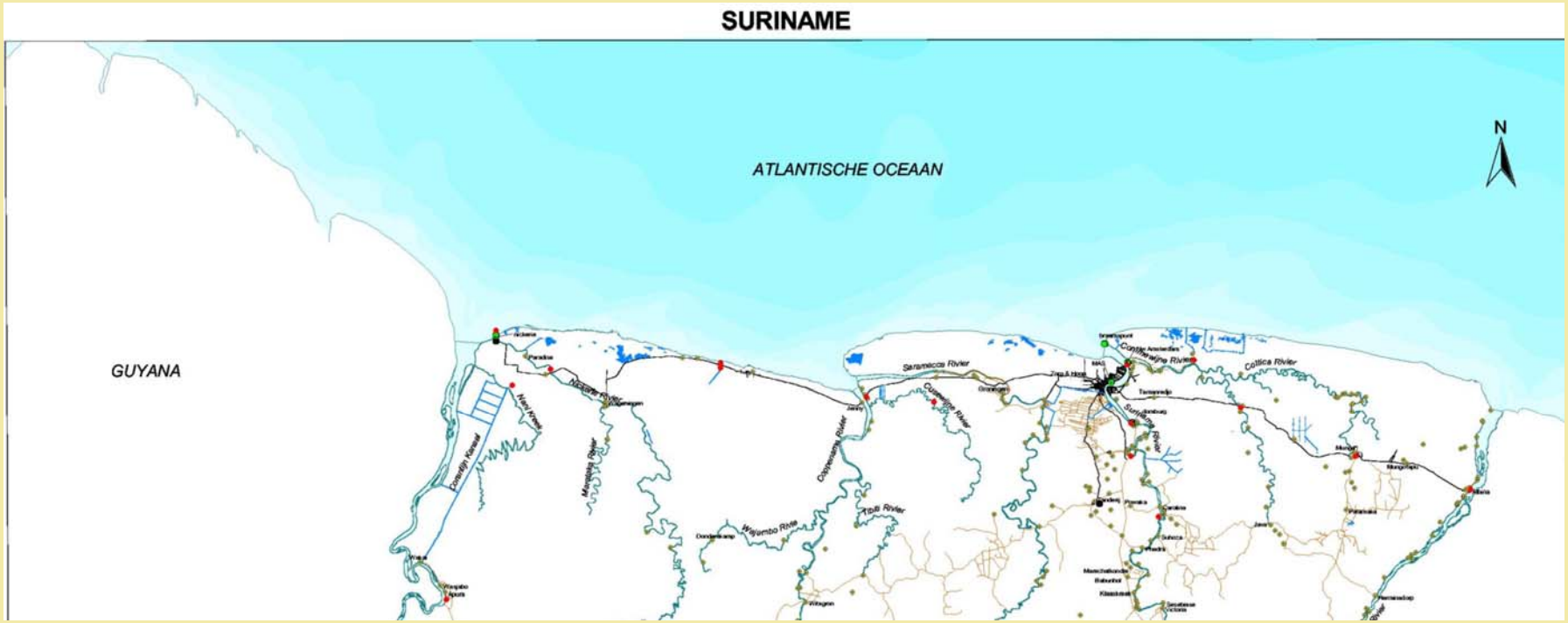
Hydro Data Overview

- Rivers
- Creeks: large, medium & small
- Brokopondo lake
- Atlantic ocean
- Canals (Saramacca canal)

Hydro Data examples






SURINAME
ATLANTISCHE OCEAAN
GUYANA
N
Saramacca River
Cottica River
Nickerie River
Coppename River
Tibiti River
Wajambo River
Surinama River

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