

# GVSIG EDUCATION FOR DISASTER RISK MANAGEMENT WITHIN AN INTERNATIONAL COOPERATION PROJECT

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# The project

Strengthening the research center and community service on **disaster risk management** to improve **food security** and agricultural productivity in the Amhara Regional State (Ethiopia)





# DRM dep.



Since 2005

Master  
program Since  
2007

Food security

Flood disaster

Gender  
Mainstreaming



# GIS LAB

- **GIS capacity building** for students and educators
- GIS data **analysis**
- Plotter for map outputs
- **Mobil GIS lab** for field data collection and education
- **GPS** for field data collection
- **Tablet** for field data collection and to be use as eBook reader





# WORK DONE

## GvSIG Introductory training



## Field data Collection with tablets and Oruxmaps

# GIS COURSE

For **DRM** and **cooperation  
for development**  
professionals and students



## 3 Modules

Disaster Risk Management (DRM)

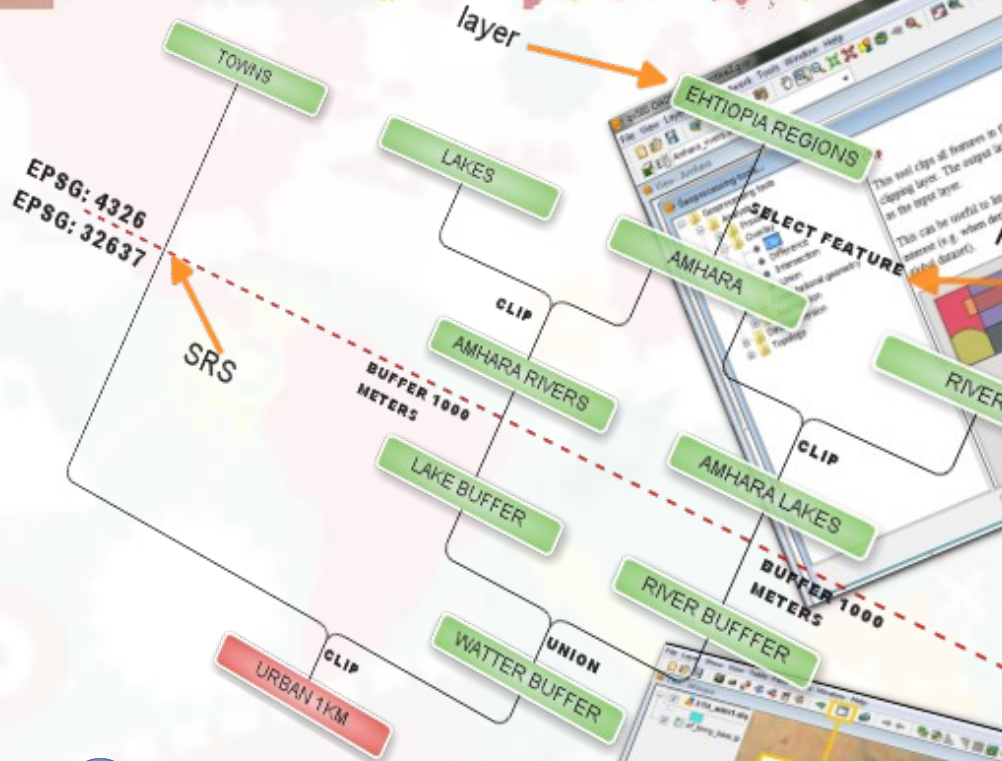
Web 2.0, 3.0.

GIS practices



sectante

**EVAI**



# COURSE TOOLS



# STUDENTS

Spain DRMFSS  
for UNICEF  
Biologist  
Agriculture  
Ecuador  
Architect  
University  
Amhara  
Dar Surveyour  
Cooperation  
Ethiopia  
Engineer  
SWHS Bahir  
Development  
Association



# CONCLUSIONS

**GIS** has become an important activity of this project

Importance of **scheduling** the GIS training **close to its needs** for data collection and analysis.

**GvSIG** is a guarantee of platform **independency**

GIS capacity building with gvSIG has become an elementary part to **collect spatial information and analyze it**

Non **Hierarchical** relation between  
BDU-UJI to teach the course



*"I have Learned how to Work with the community, learn from the community and Deliver professional services back to the community..."*

*Tesfahun Kasie  
BDU GIS coordinator*