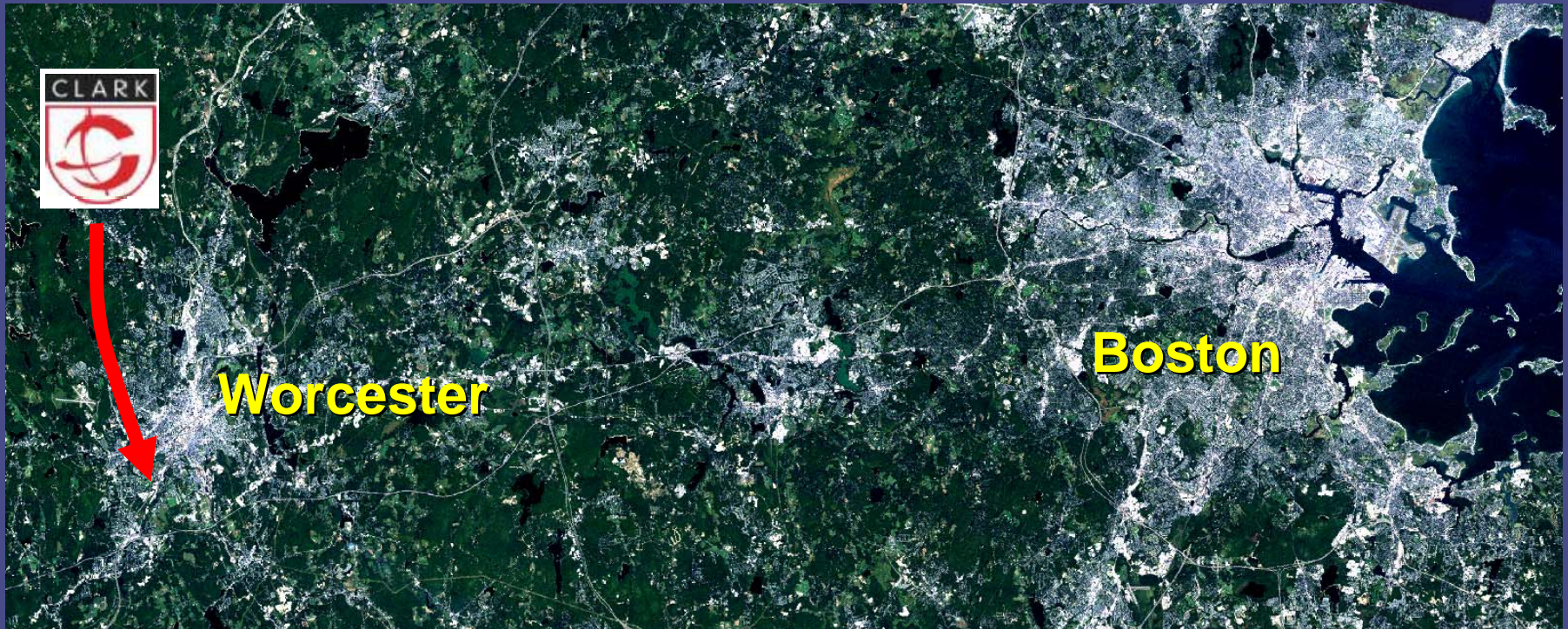


Clark Labs

a research center within the Graduate School of
Geography at Clark University, located in
Worcester Massachusetts



Clark Labs

closely associated with the Graduate School of Geography and the graduate program of the Department for International Development, Community and Environment, with goals to:

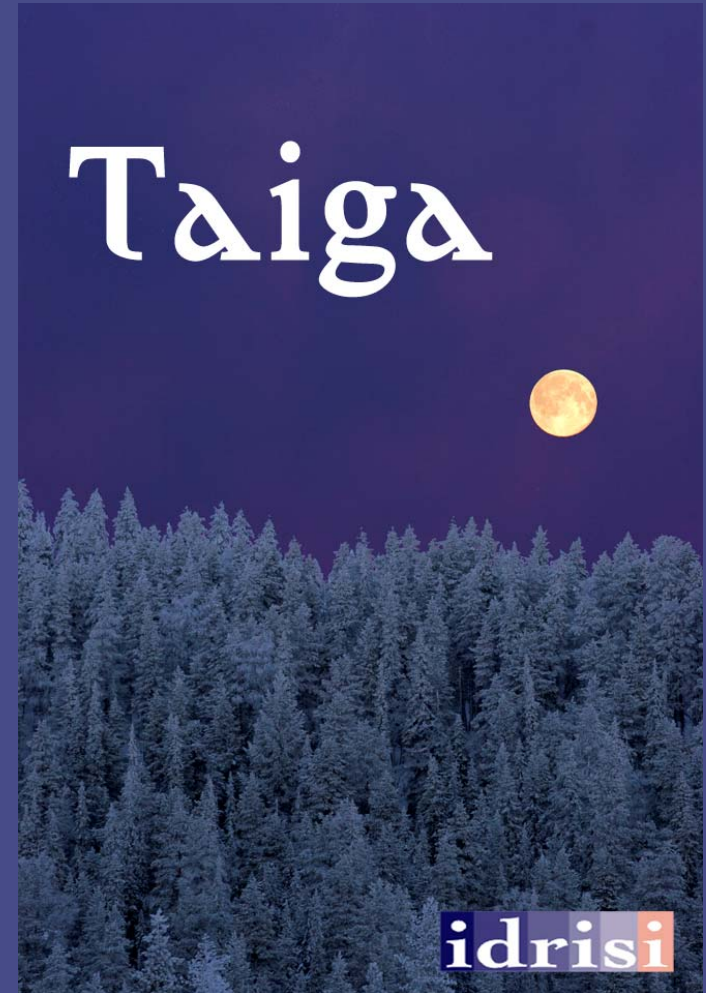
1. provide access to geospatial technology to as broad a group as possible, and
2. develop geospatial tools to address the needs of effective and responsible decision making for environmental management, sustainable resource development and equitable resource allocation.



Clark Labs

given these goals, our activities have been primarily focused on four areas:

- Software Development
- Analytical Research
- Applications Research
- Technology Transfer



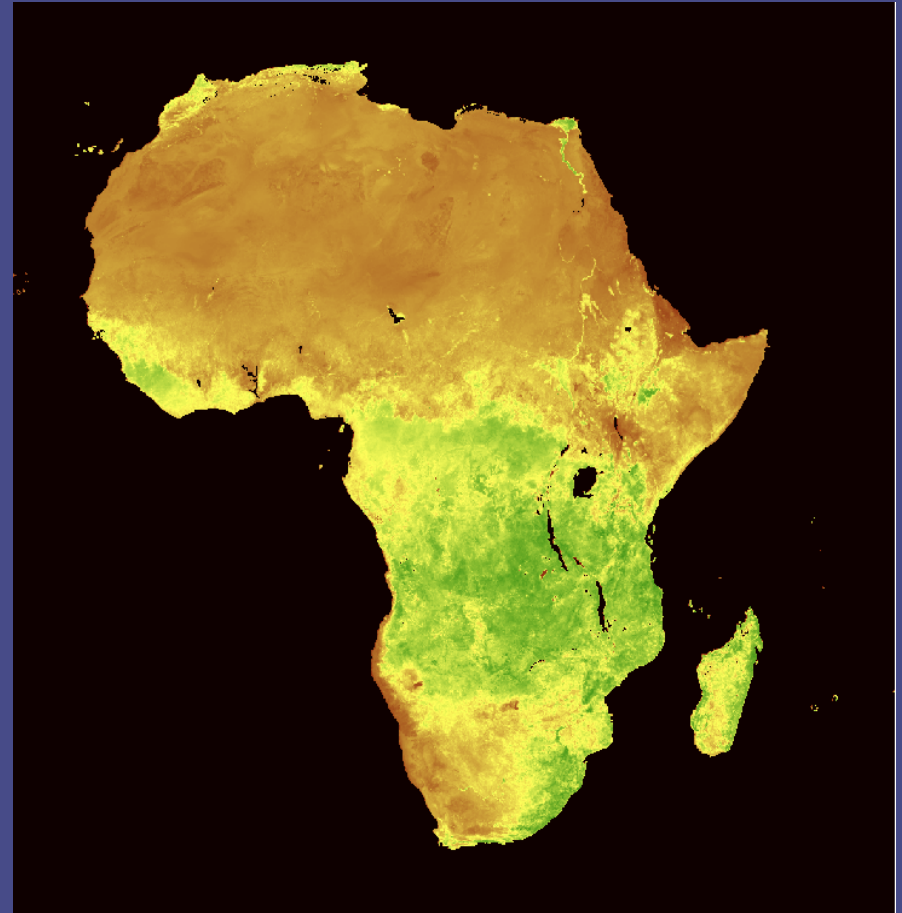
Role of Academia in GIS Development

- Rapid Development of GIS
- From Mapping to Modeling
- From Academia to Commercial

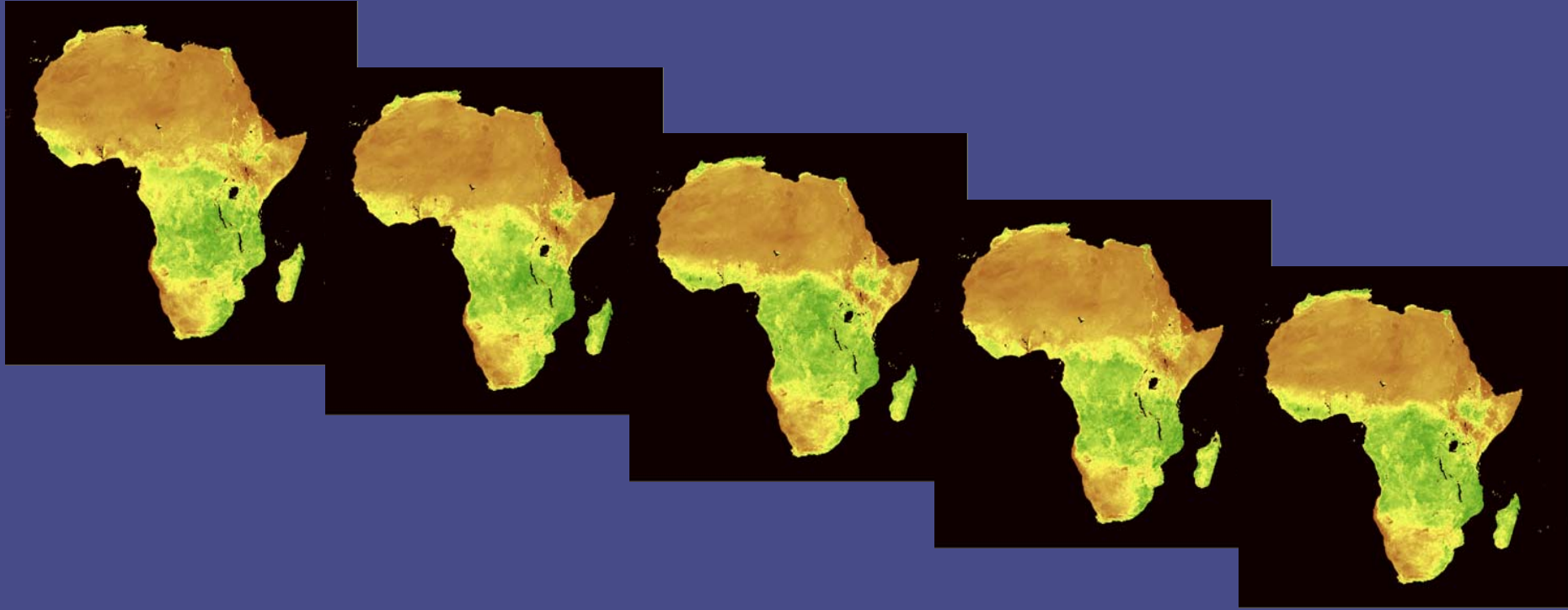
Clark Labs in Africa

our activities have been primarily focused on these same four areas:

- Software Development
- Analytical Research
- Applications Research
- Technology Transfer



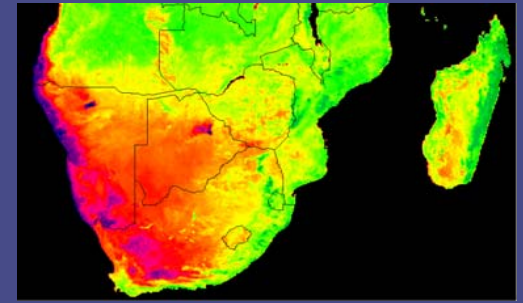
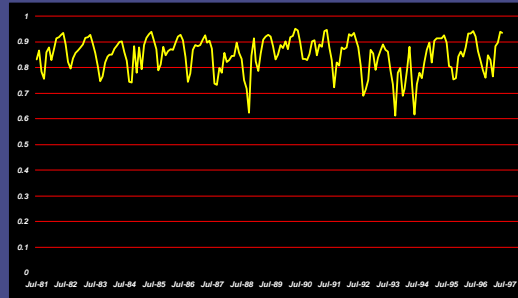
Time Series Analysis



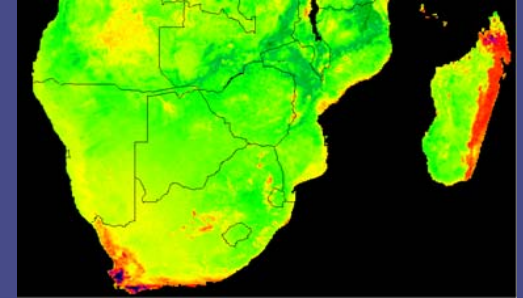
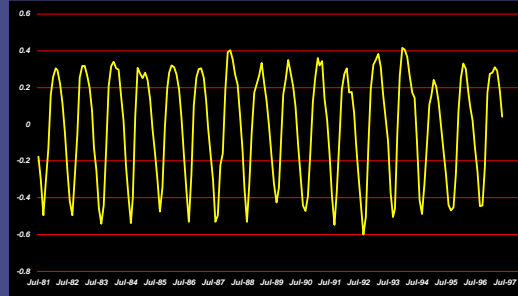
using Standardized Principal
Components

Standardized PCA July 1981- June 1997

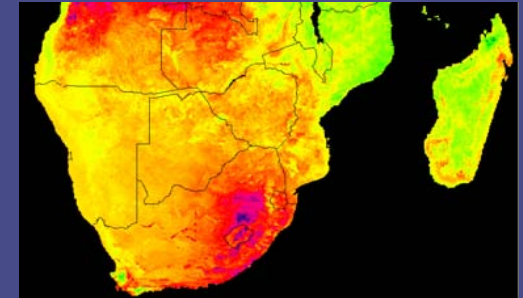
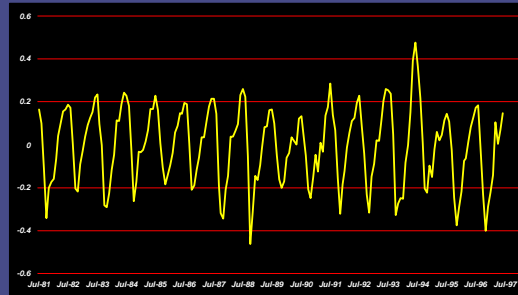
Component 1



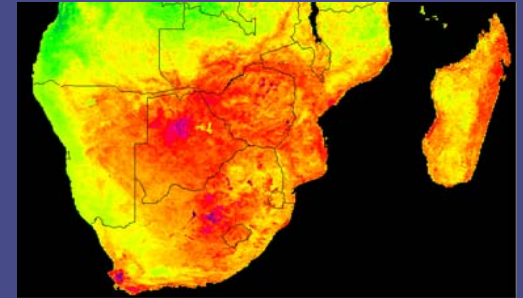
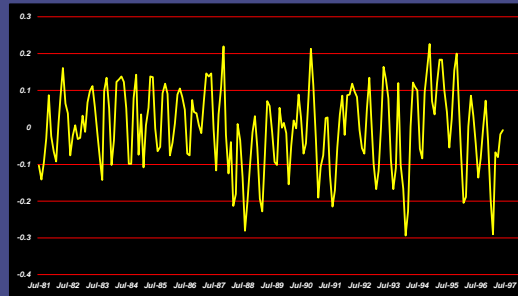
Component 2



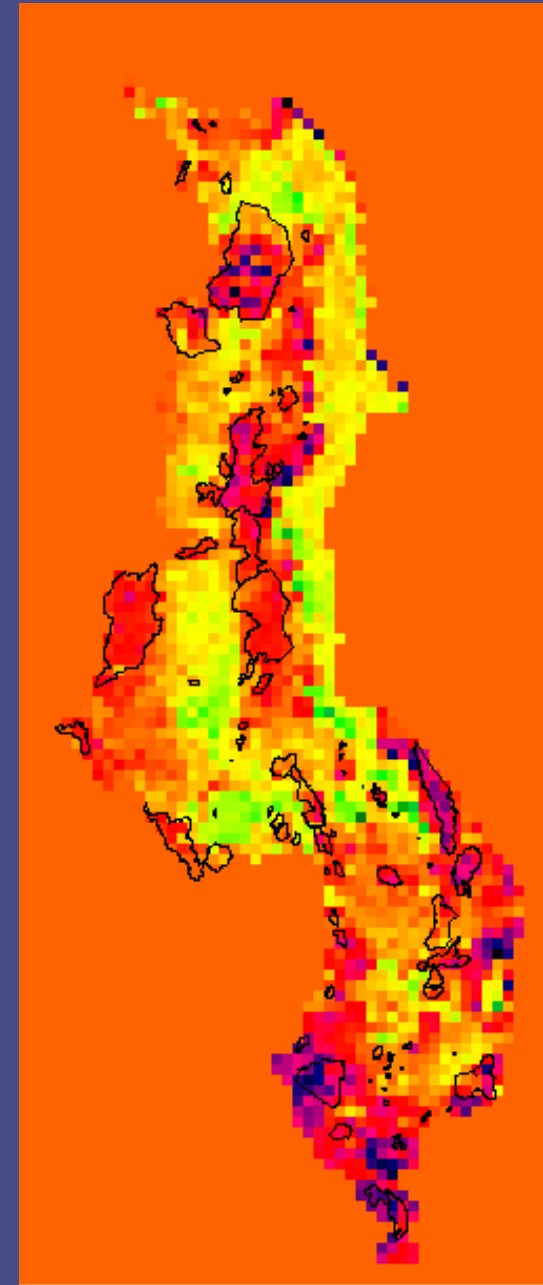
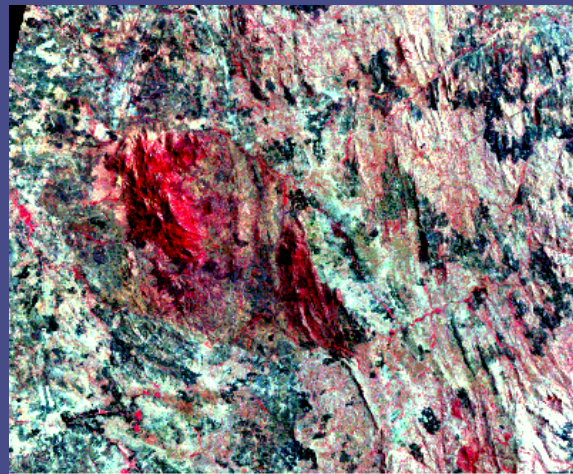
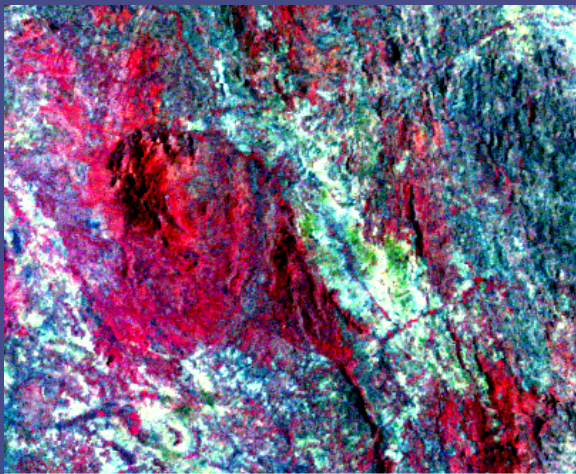
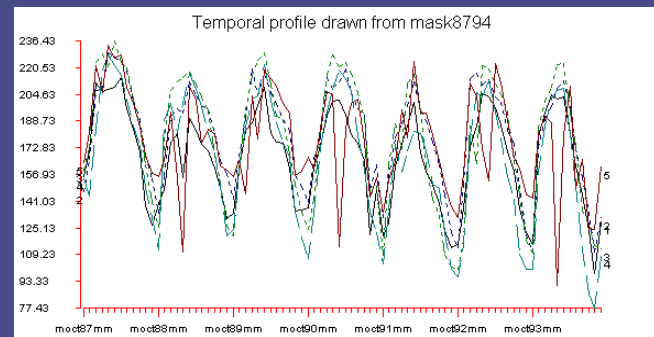
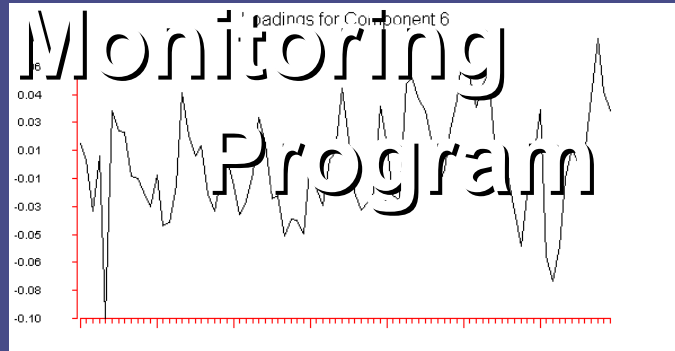
Component 3



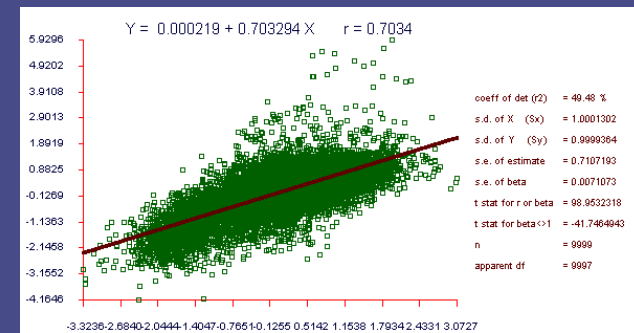
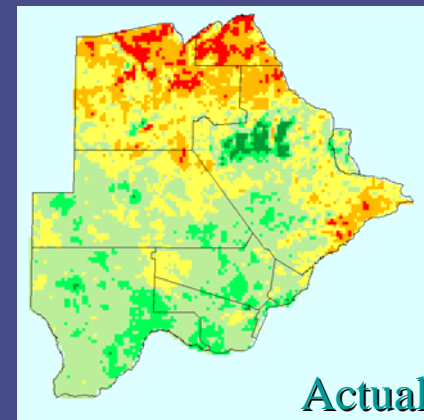
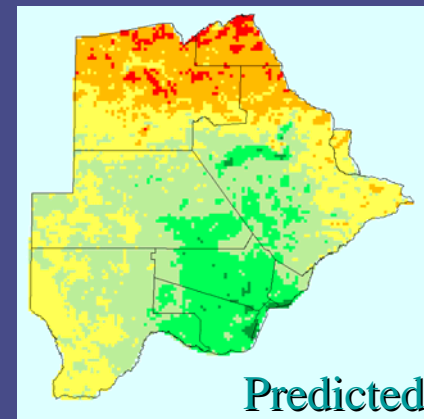
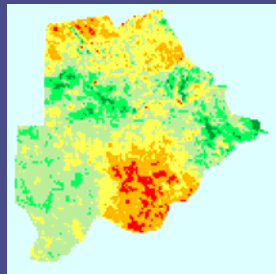
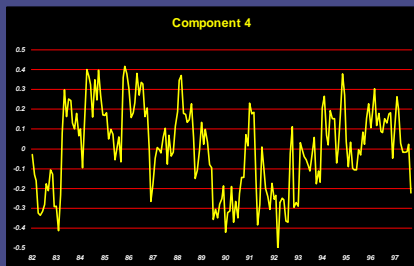
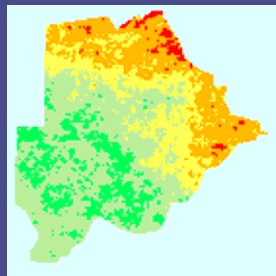
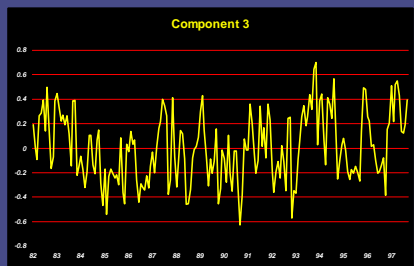
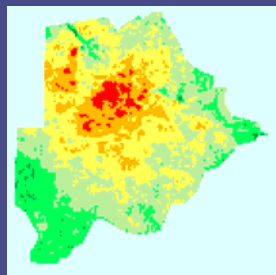
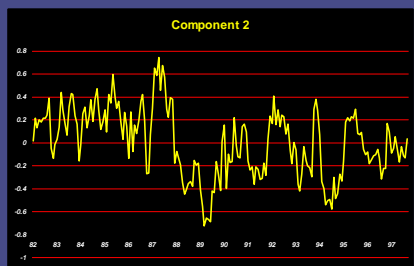
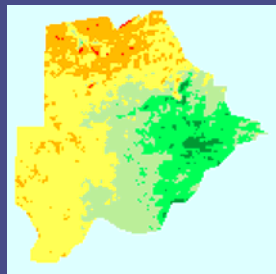
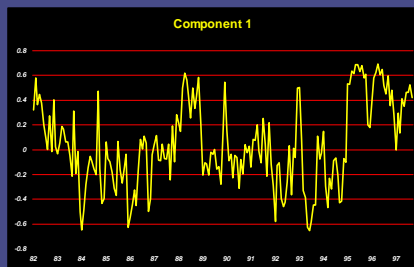
Component 4



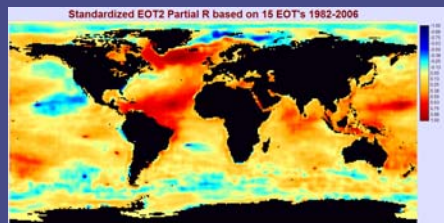
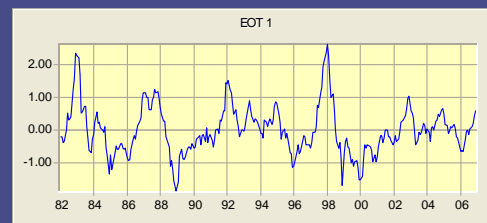
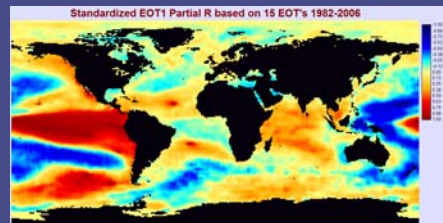
Malawi Environmental



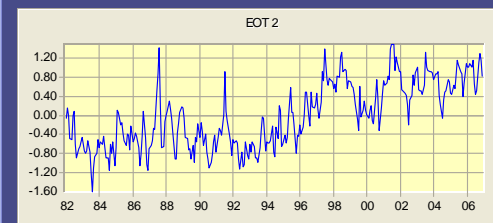
1997/8 Botswana Seasonal Prediction



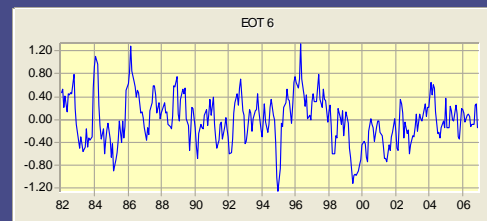
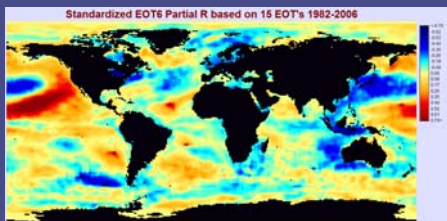
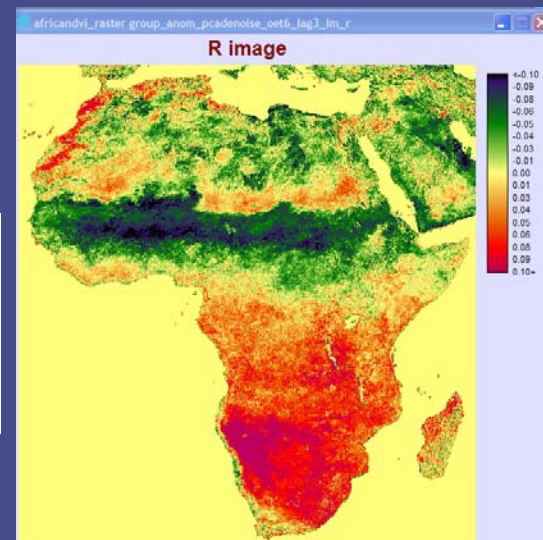
ENSO Climate Teleconnection Early Warning



AMO

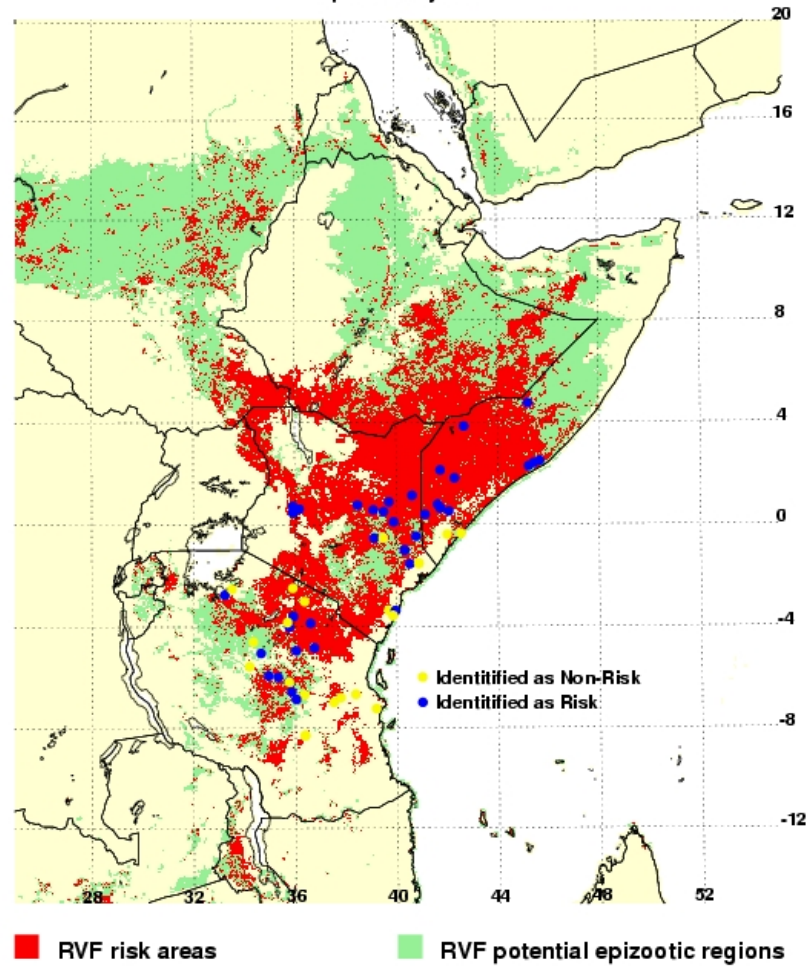


PDO



RVF Risk Potential and Outbreak Sites

Sep 2006-May 2007



Outreach

IDRISI Resource Centers

- Kenya
- Morocco
- Nigeria
- South Africa