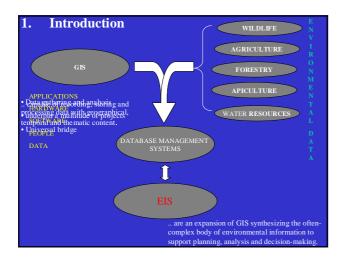
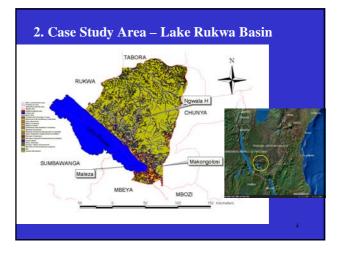


Overview of presentation

- 1. Introduction (EIS)
- 2. Background (LRBIP)
- 3. LRBIP-EIS User Needs Assessment
- 4. LRBIP-EIS Data Model
- 5. LRBIP-EIS Prototype Database
- 6. Evaluation and Recommendations





3.1 Location • Tanzania – chosen because of availability of data to use 3.2 Environmental composition • Fisheries • Agriculture • Wildlife • Forestry • Apiculture • Mining

- 3.3 The need for an environmental database
 - Sectoral approach to environmental management
 - Fragmented information systems redundancies and duplications
 - Need to provide an information system that synthesize environmental information to support planning, analysis and decision-making

4. LRBIP-EIS User Needs Assessment

- Fisherman villagerdi teibution
- a substanting of the substantion of the

4.2 APICULTURE

- Abundance of imiombo' vegetation
- Onlindrical brehives made from tree barks
- = Bistitional northedactsharvesting honey

4.2 WILDLIFE

- Spèciesidistribution tionigration Toutes
 Eco-tourism locations
 - ly determined safari tour operat

5. LRBIP-EIS Data Modeling

- Conceptual data models
 - Enterprise rules
 - Entity-relationship-diagrams
- Sector logical data models
 - Mapping to the <u>relational data model</u>
 - Skeleton tables and attributes
 - · Normalized & checked for fan and chasm traps
- LRBIP-EIS integrated data model

<section-header>6. LRBIP-EIS Prototype database

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8. Evaluation and Recommendations

• Evaluation

Data modeling confined to three sectors Integration of four computing environment

• Recommendations

Develop prototypes for other sectors

- Intranet development
- Monitoring of fishing grounds by GPS

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THANK YOU

