

MEKONG DELTA The current and future states

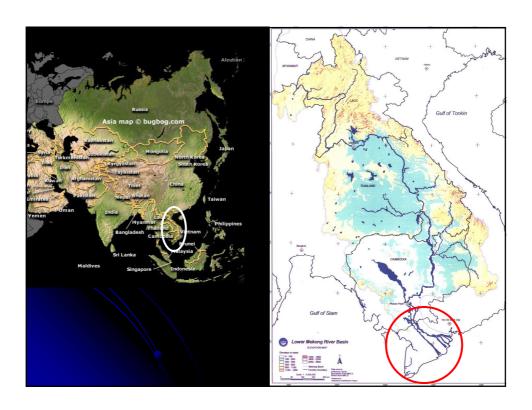
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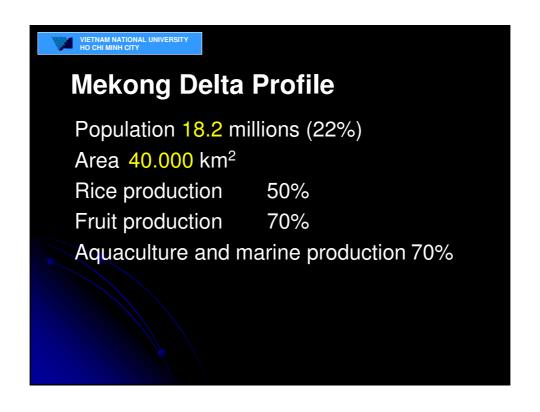


CONTENT

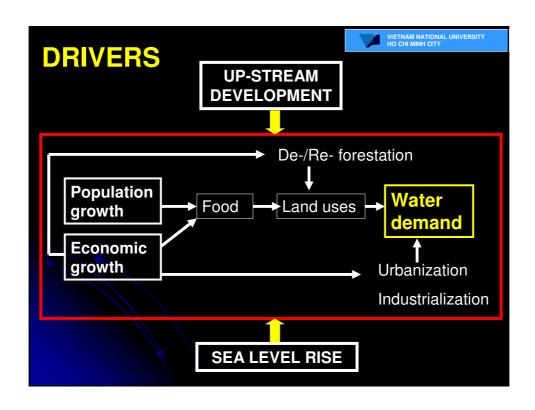
- 1. Introduction
- 2. Drivers of changes
- 3. Pressures
- 4. Governance
- 5. Lessons learned
- 6. Research gaps and knowledge exchange



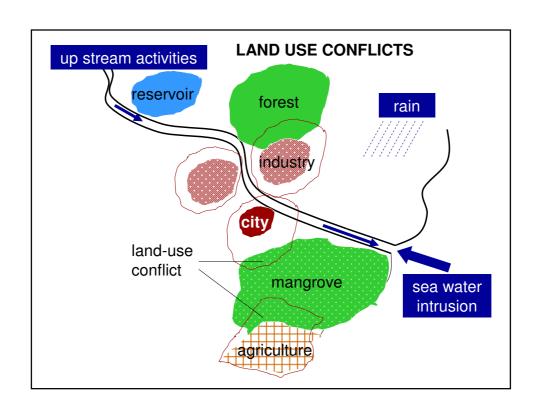


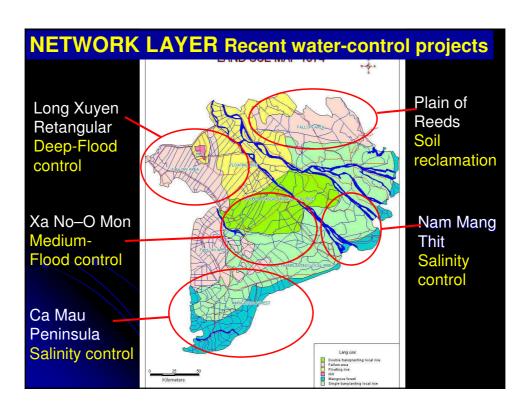






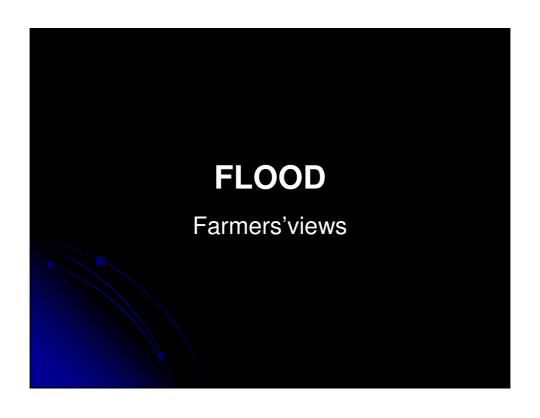
Agriculture		VIETNAM NATIONAL UNIVE HO CHI MINH CITY	RSI
Economic structur	e (%) MD	country	
Agriculture	41.6	21.8	
Industry	34.9	39.9	
Service	23.5	38.3	

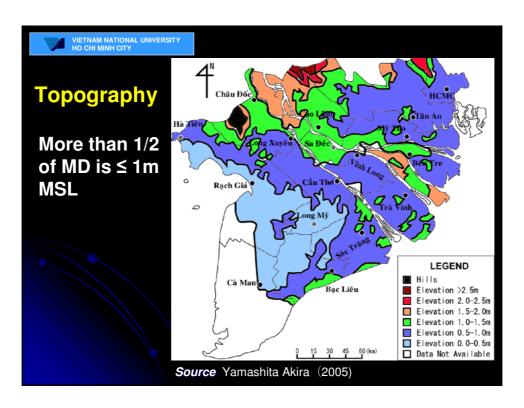


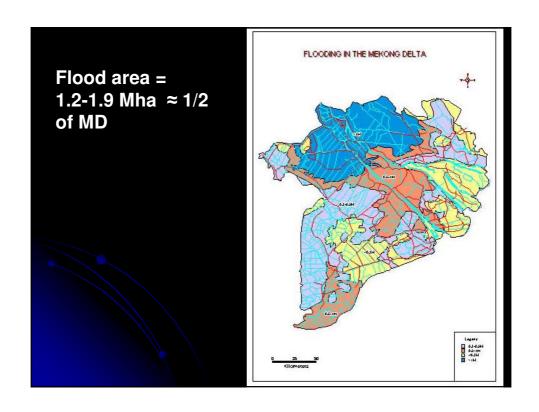


LAYER MODEL SUMMARY		
Base	• flood	
	 saline water intrusion 	
	extreme events	
Network	water-control projects	
	rapid changes in land-uses	
	 rapid industrialization and urbanization 	
Occupation	fast growth of rice, aquaculture production	
	de-forestation, mangrove loss	











REMARKS

Damages

- Live loss
- Infrastructure damage
- Crop loss

Benefits

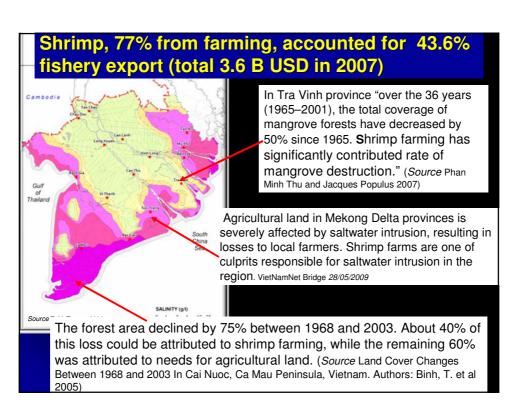
- Soil fertility
- Fish
- Flushing toxicity
- Reduction of pest



SEA WATER INSTRUSION

Rice vs. shrimp/Shrimp vs. forest











GOVERNANCE ISSUES IN MD

- lack of MD regional collaboration
 - to develop common strategies and master plans
 - to optimize water resources utilization
- lack of mechanism from central government to avoid conflicts in policy
- capacity of provincial mid-level officials
- weak Public-Private Partnership

Lack of mechanism to avoid conflicts in policy implementation

Land-use conflict	Resource	Policy
Rice and shrimp	Water (rice: fresh; shrimp: saline)	Food securityExportingLand use policy
Shrimp and mangrove	Land	ExportingEnvironmentLand right policy





