

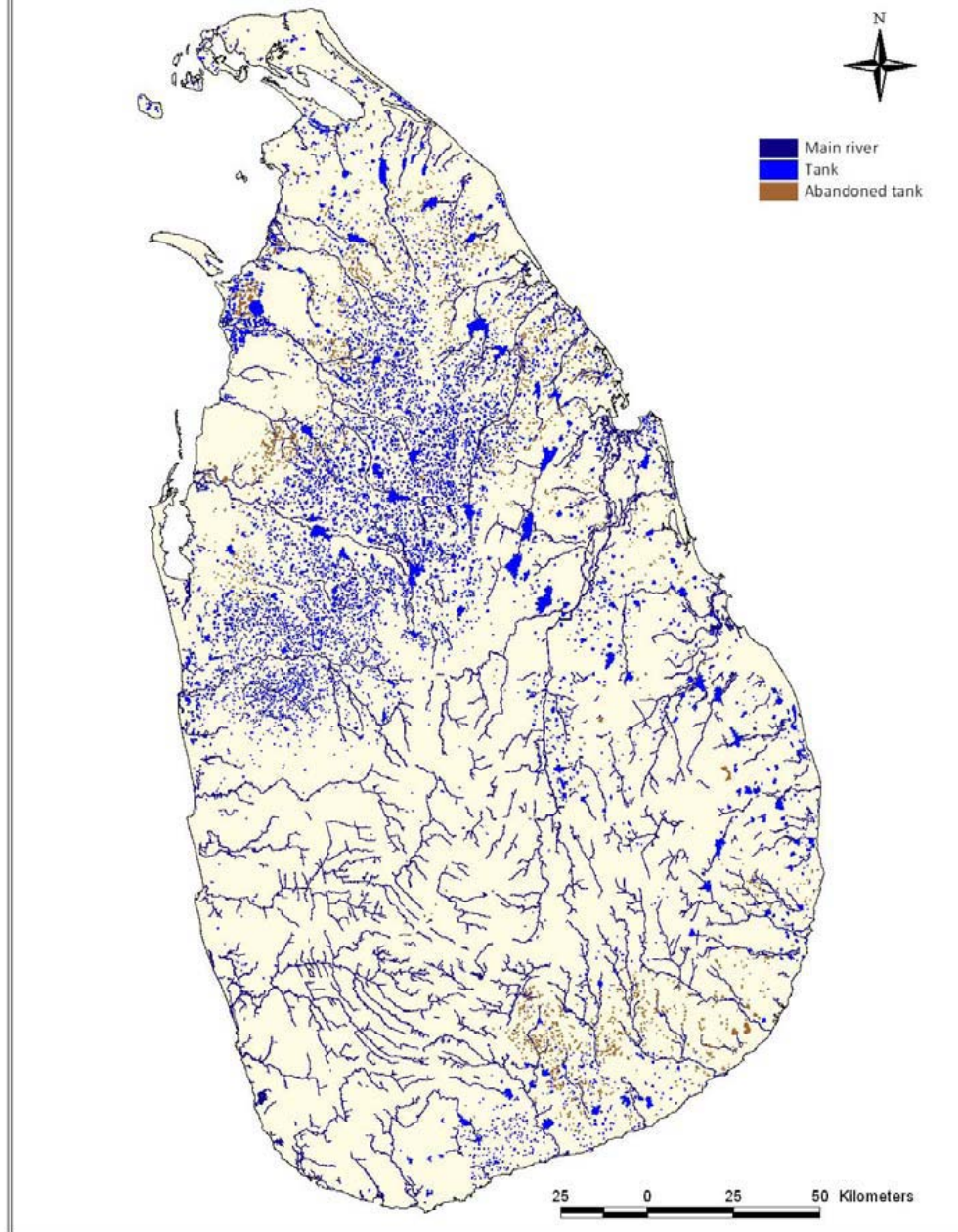
# Recent Development on Water Environment Management in Sri Lanka

Ajith Rodrigo  
Central Environmental Authority

# Fresh Water Sources in Sri Lanka

- Rain Water
- Surface Water
- Ground water

## Rivers and Tanks in Sri Lanka



# Rivers & Tanks in Sri Lanka

# Regulatory Institutions for Water Management

- Central Environmental Authority
- Irrigation Department
- Water Resource Board
- National Water Supply & Drainage Board
- Mahaweli Authority of Sri Lanka
- Sri Lanka Land Reclamation and Development Cooperation

# Recent Developments in Water Management !


- *Central Environmental Authority -National Environmental Act.*

## Regulatory

- Wastewater discharge standards- *amended*
- Ambient water quality standards- *new regulation*
- Project approval procedure for ground water extraction – *amended.*
- Catchment protection-
  - 08 protected areas declared during last 06 years.
  - 03 new areas identified for declaration.

## Projects

- Kelani River Basin Management Project- Prepared and partially being implemented.

- 
- Sanitary Land filling site in Gampaha district.
  - Waste Management projects – **115** Nos composting projects implemented at local level all over the country.
    - *protect surface and ground water from lechate.*
  - Monitoring of surface water bodies
    - Five main rivers.



## **National Environmental Act Amendment.**

- National Environmental Act amended and submitted to Legal Department.
  - *Load base fee scheme*
  - *Industrial siting*
  - *Provision for wetland conservation*



- **Water Resources Board**

- Regulation to control ground water extraction.

- **National Water Supply & Drainage Board**

- Construction of common three wastewater treatment plants in three districts.

- **Sri Lanka Land Reclamation and development Corporation**

- A protection zone identified in Metro Colombo area for water retention for controlling floods

- **Mahaweli Authority**

- Guidelines prepared for discharge of treated effluent into reservoirs in Mahaweli River Basin.

- **Irrigation Department – New Irrigation Act**

- Protection of reservation for surface water bodies.





**THANKS**