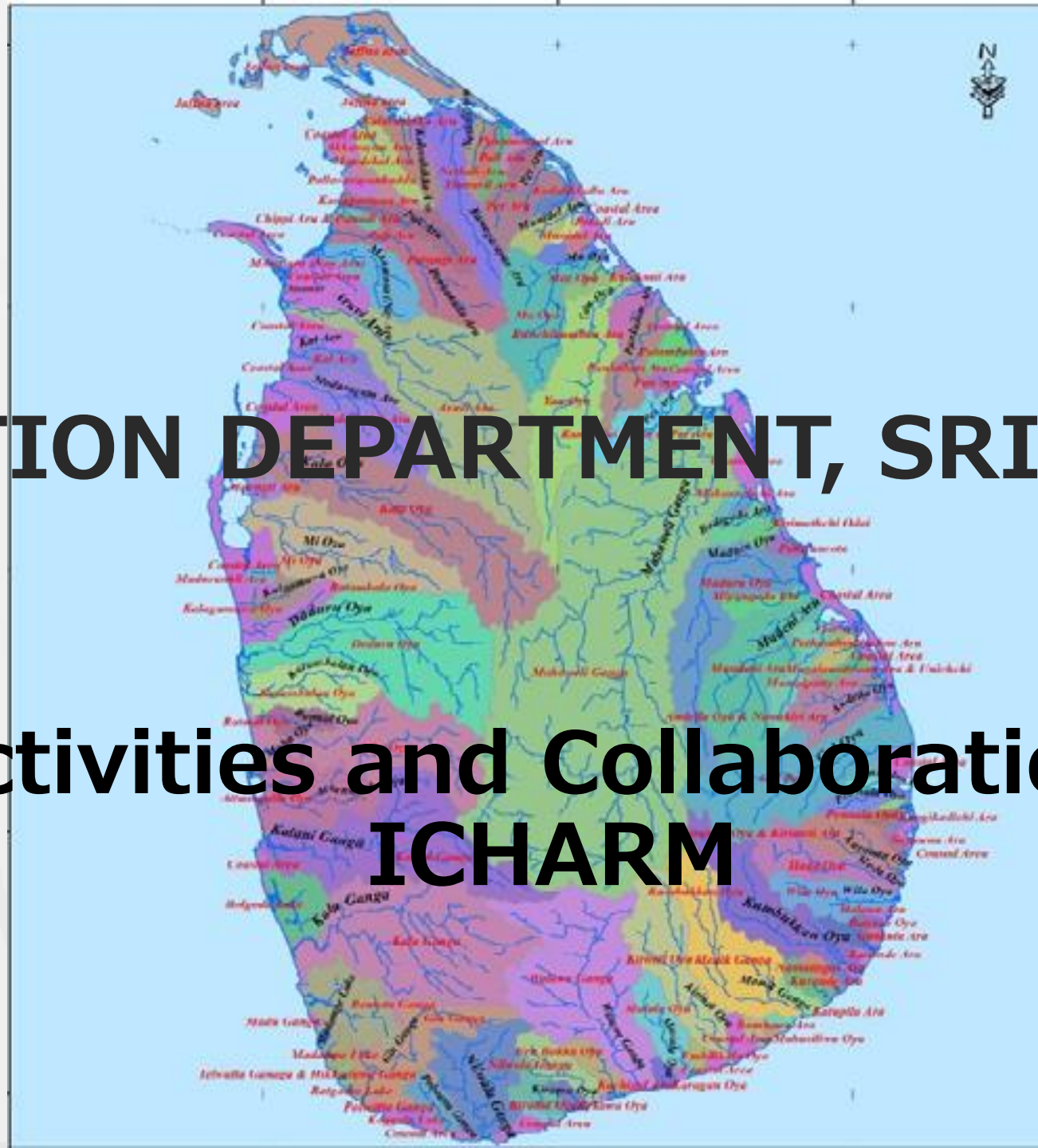




IRRIGATION DEPARTMENT, SRI LANKA

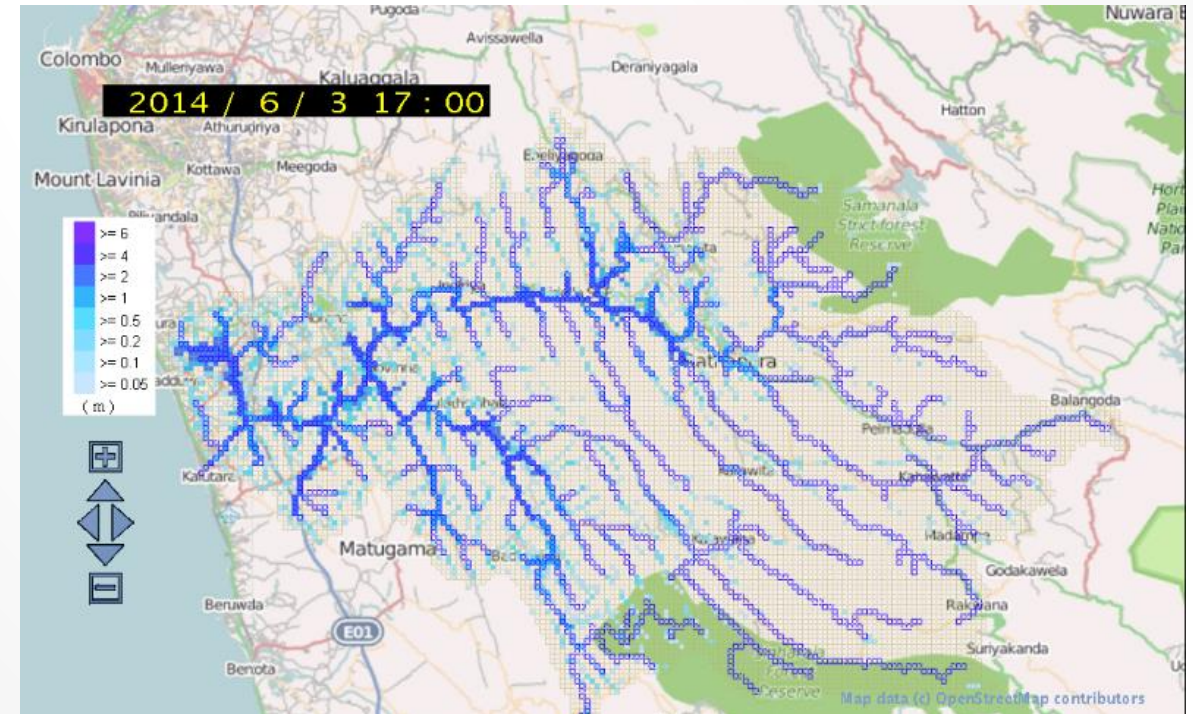
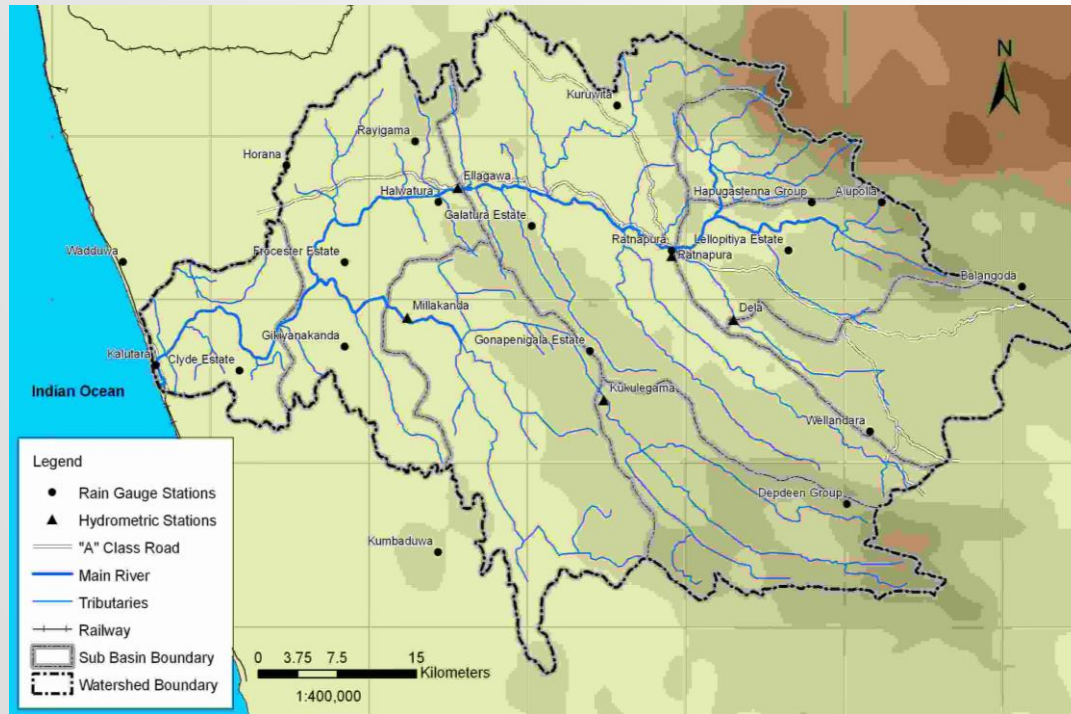
IFI Activities and Collaboration with ICHARM



NATIONAL REPORT ON THE PLATFORM ACTIVITY



- ✓ A Rainfall Runoff Inundation Model was prepared for Kalu River Basin with the support of ICHARM and a Web portal for dissemination to be developed



NATIONAL REPORT ON THE PLATFORM ACTIVITY



- ✓ 04 Flood **Modelling Training Programs** for Irrigation Engineers were conducted with resource personals from ICHARM
- ✓ One **Climate Change Prediction Training Program** were conducted by ICHARM to Irrigation Department, MASL, DMC, and NBRO officials



NATIONAL REPORT ON THE PLATFORM ACTIVITY



- ✓ 03 Plenary Sessions were conducted at Irrigation Department with all stakeholders and ICHARM



NATIONAL REPORT ON THE PLATFORM ACTIVITY



- ✓ South Asian Regional Hub of **RIMES** has been established in ID premises.
- ✓ We anticipate **ICHARM** also establish their division in the ID and to be linked with all stakeholder institutions in Sri Lanka
- ✓ IWMI want to collaborate with RIMES & ICHARM



PROPOSAL OF CAPACITY DEVELOPMENT



- Early Flood Warning Center has been established in ID premises, and this center will be fully equipped with all necessary resources with the assistance of World Bank under CResMP
- Need training especially for Young Engineers on,
 - **Flood modelling and forecasting**
 - **Whether forecasting including Rainfall**
- We propose all the stakeholders who own Weather Stations, Rainfall Stations and River Gauges to establish a common system for the purpose of forecasting while keeping their separate systems.
- Gauges fixed by ICHARM also to be linked in to that system

ROADMAP/STRATEGIC WAY FOR GLOBAL AGENDA

- ID's expectation is to **provide flood early warning with sufficient lead time** all over the Island in near future. This will contribute to reduce flood damages greatly.
- On the other hand ID is planning to implement **structural flood counter measures** under CResMP. As the first step flood protection works for Kelani River would be implemented with a large investment.
- We have studied 11 large river basins to prepare future **Development of Basin Investment Plans to mitigate flood and drought.**
- Water Resources Development by River Basin approach

Those steps are complying with Global Agenda (Sendai Framework, SDGs and Paris Agreement)

ROADMAP/STRATEGIC WAY FOR GLOBAL AGENDA

- **KnoWat (Knowing Water Better)** Project will be launched by the Irrigation Department with other stakeholders with the Assistance of FAO (Remote Sensing Technologies to assess water in the basin, Water Accounting and Auditing & Water Tenure)
- Adaptation Strategies to Climate shocks in the North Central Province of Sri Lanka by IWMI to be launched

Those steps are complying with Global Agenda (Sendai Framework, SDGs and Paris Agreement)



THANK YOU !