

Platform on Water Resilience and Disasters (Myanmar, Pakistan)

Myanmar

The objective and target basins of the Platform on Water Resilience and Disasters in Myanmar are as follows:

- Objective: To identify current and future disaster risks for preparation (e.g., early warning) and mitigation (e.g., contingency planning).
- Target basins: Sittaung River and Bago River

IFI Meetings

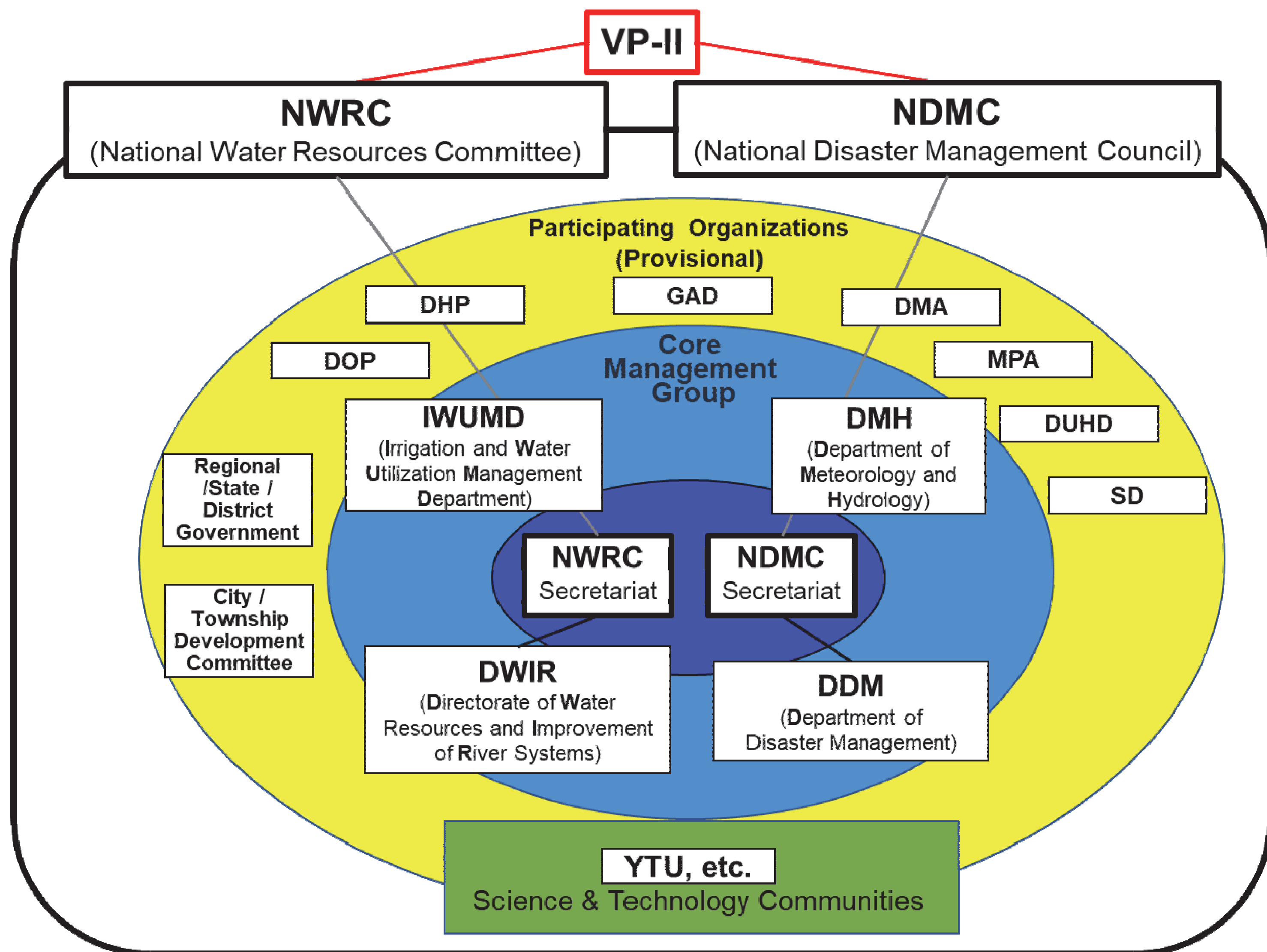
- 9/ 5/2017 1st High-Level Consultation Meeting
- 1/11/2017 2nd High-Level Consultation Meeting
- 5/ 9/2018 Practitioners Meeting on Platform on Water Resilience and Disasters
- 12/2018 3rd High-Level Consultation Meeting (Planned)

Current Activities

- Data sharing guidelines were confirmed.
- Source of the data information was identified.
- DIAS will be used for demonstration activities.
- Training to implement DIAS will be organized.



Institutional Structure of "Platform on Water Resilience and Disasters"



Participated Stakeholders

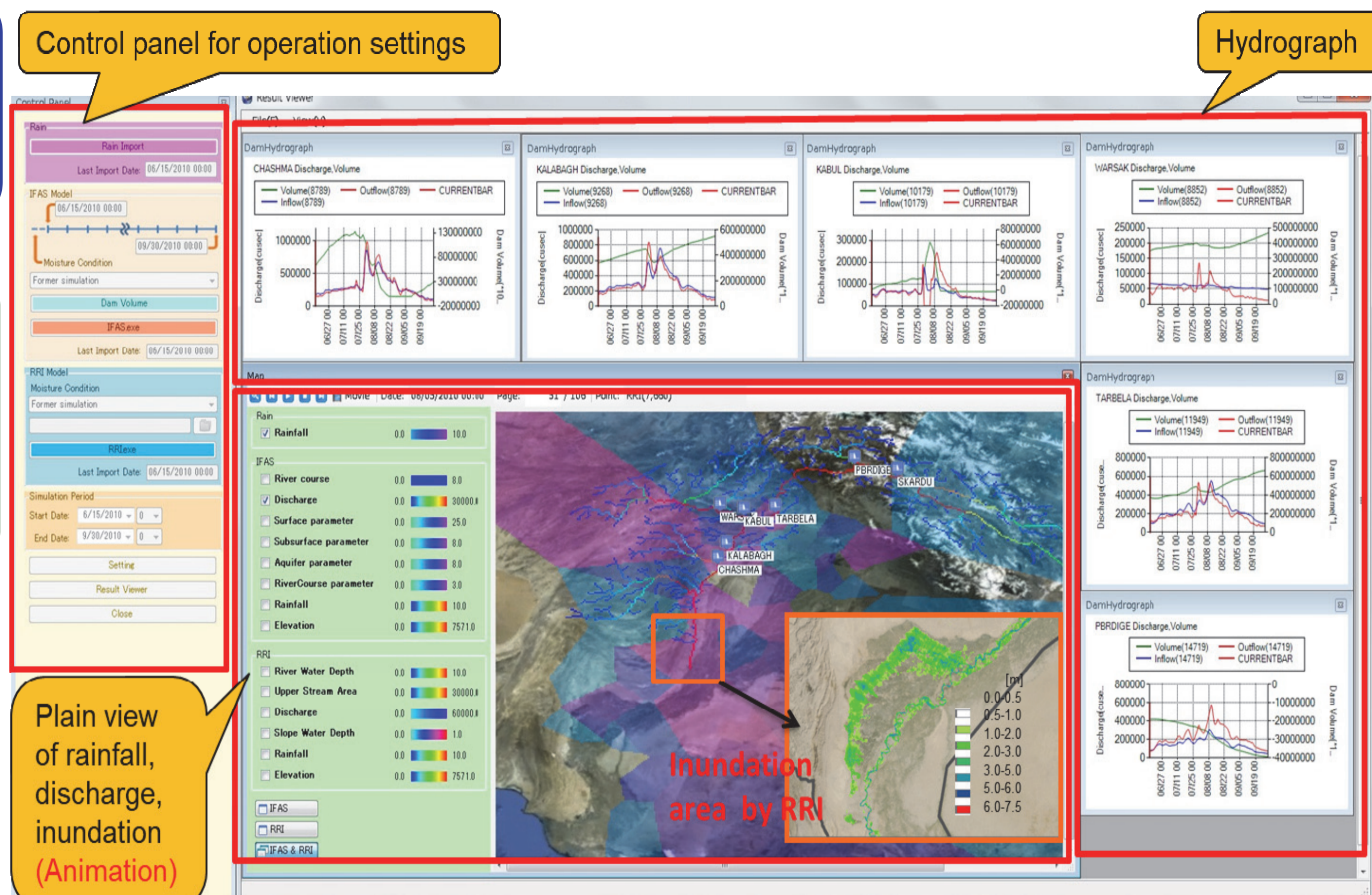
- DWIR, Ministry of Transport and Communications
- DMH, Ministry of Transport and Communications
- DDM, Ministry of Social Welfare, Relief and Resettlement
- IWUMD, Ministry of Agriculture, Livestock and Irrigation
- Yangon Technological University

Pakistan

ICHARM joined the UNESCO project (2012-present)
User friendly interface of Indus-IFAS

INPUT DATA :
Rainfall data (ground- gauges, GSMaP and forecasted)
Real-time observed discharges

OUTPUT DATA:
Rainfall distribution maps
Hydrographs at specified locations
Inundation extents in mid-low Indus



Indus-IFAS training at FFD Lahore



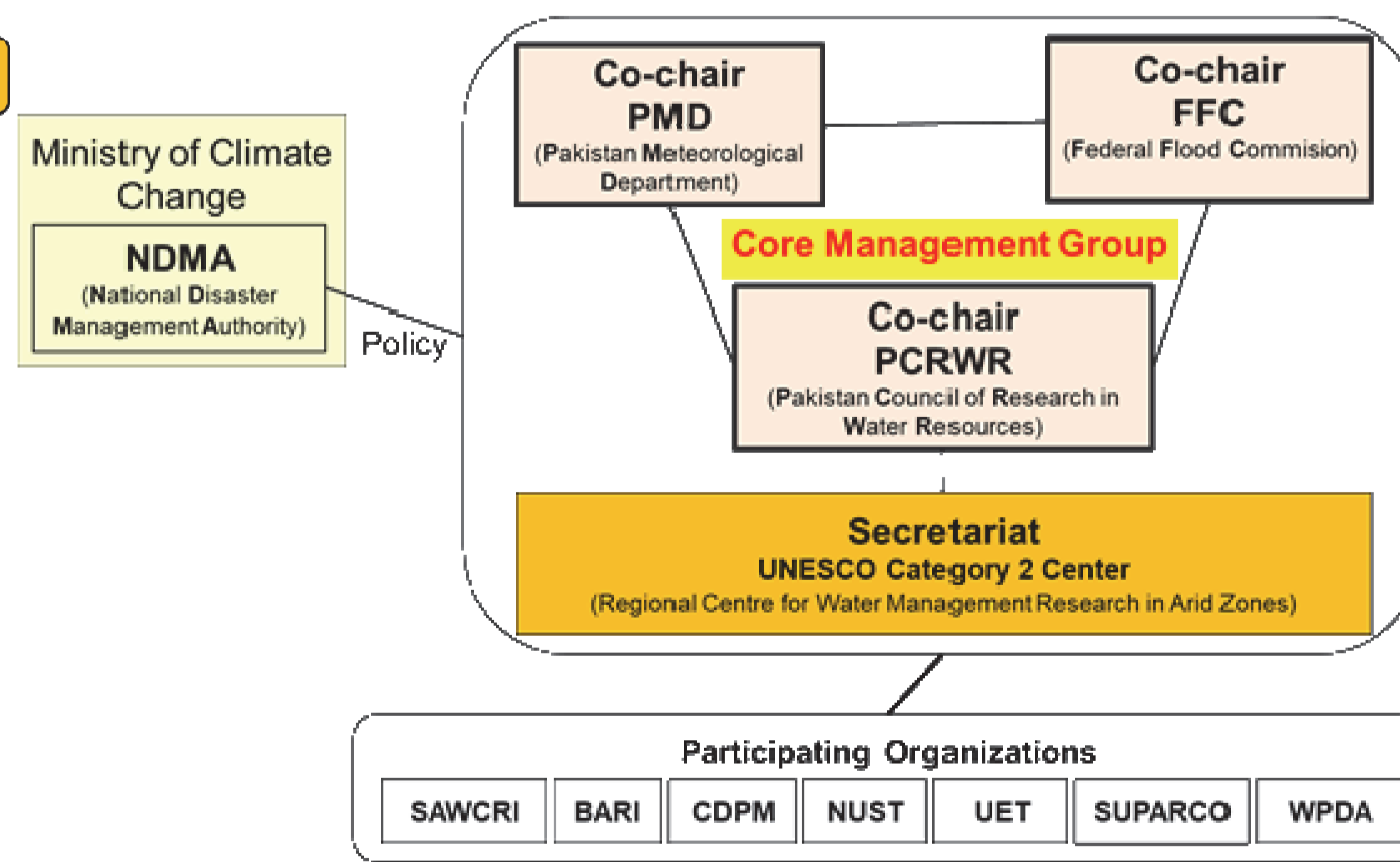
15 Pakistani officers graduating from ICHARM/GRIPS MSc (2012-2017)

"Strategic strengthening of Flood Warning and Management Capacity of Pakistan"

ICHARM contributed to the three components of the project

1. Development of a flood forecasting system covering a large part of the Indus River basin
 - IFAS (Integrated Flood Analysis System) → Connected → Indus-IFAS (Flood forecasting system with user friendly interface)
 - RRI (Rainfall-Runoff-Inundation model)
2. Floodplain and Hazard Mapping of lower Indus
3. Capacity building for Pakistan

Institutional Structure of "Platform on Water Resilience and Disasters"



A meeting for establishment of "Platform on Water and Disaster";
● March 2-3, 2017 at PMD Headquarter, Islamabad



Participated Stakeholders

- PMD : Pakistan Meteorological Department
- PCRWR : Pakistan Council of Research in Water Resources
- GCISC : Global Change Impact Studies Center
- NARC : National Agriculture Research Centre
- NDMA : National Disaster Management Authority