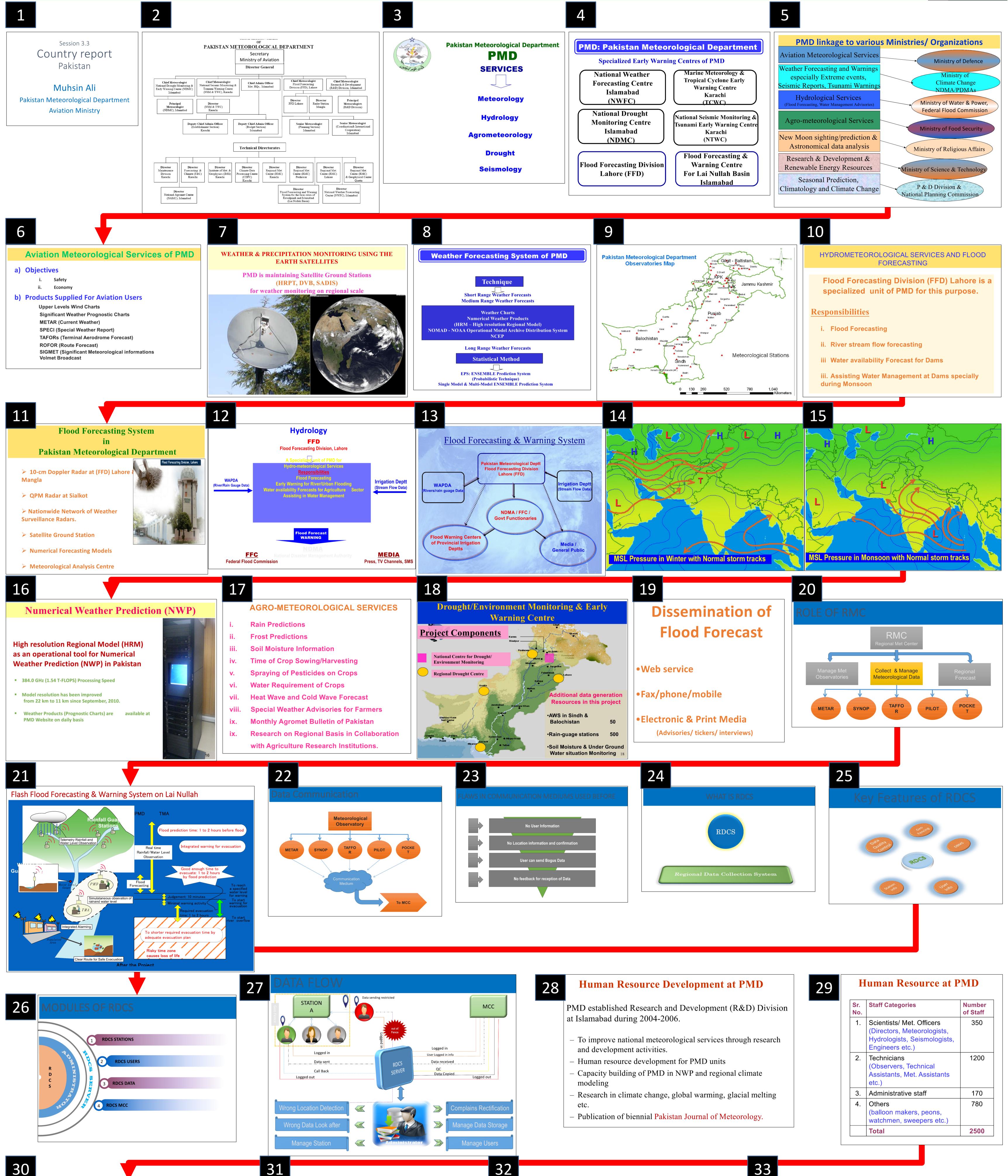
## Islamic Republic of Pakistan





Training Courses Conducted at IMG Karachi		
S.No	Name of Course	Duration
Reg		
1.	Advance Meteorology Course	52 weeks
2.	Post Graduate Diploma in Meteorology	One year (02 semester)
3.	Basic Forecasting Course (BIP-M)	32 weeks + 20 weeks (O.J.T.)
4.	Preliminary Meteorology Course (BIP-MT)	18 weeks + 08 weeks (O.J.T.)
5.	Initial Meteorology Course (BIP-MT)	14 weeks + 04 weeks (O.J.T.)

On demand basis for Met. Personnel of Pakistan Air Force

08 weeks

01 week

08 weeks + 04 weeks (O.J.T.)

14 weeks + 04 weeks (O.J.T.)

**Inspector of Observatory Course** 

Officers and Chief Technicians)

Familiarization Course

Higher Primary Met. Course (for Warrant

Primary Meteorology Course (for Airmen)

(Meteorology Module – Long 'ND' Course)

On demand basis for Officers of Pakistan Navy

(PAF)

## **Training at Local Universities**

MS (Meteorology) programme at COMSATS Institute of **Information Technology (CIIT), Islamabad** 

MoU between PMD and CIIT for provision of higher training in

Meteorology signed in 2004.

So far around 30 met personnel of PMD have completed their MS in Meteorology at CIIT.

PhD (Meteorology) programme has also been started in 2010 and two scientists of PMD have been registered for PhD.

University of the Punjab, Lahore has also started MSc (Seismology) programme for PMD scientists engaged in seismological services of PMD

## **Human Resource Development and Capacity Building of NMHSs of**

Pakistan Meteorological Department (PMD) with support by the Government of Pakistan has been extending its training facilities to the NMHSs of the neighbouring developing and least developed countries for their human resource development and capacity building through WMO Voluntary Cooperation Programme.

**Neighbouring Countries by PMD** 

In 2007, ten (10) Met personnel from Syrian Met. Service were imparted 04months training on Aviation Meteorology. No course fee was charged from the participants or their government.

Further, three (03) fully-funded special Preliminary Meteorology Courses (BIP-MT) were conducted in 2008, 2009 and 2010 at PMD Training Institute, Karachi. Thirty-two (32) Met. Personnel from NMHSs of Bangladesh, Bhutan, Maldives, Myanmar, Nepal and Sri Lanka have benefitted from these courses. Government of Pakistan (through PMD) has provided complete financial support (in lieu of travel and per diem) to the participants of these courses.

and PMD is the focal national organization to deal with WMO since 1950.

**International Cooperation of PMD** • Pakistan is one of the founding members of World Meteorological Organization (WMO)

On various occasions Pakistan has also held various offices at WMO and served as member to the Executive Council of WMO. Presently, Presently, Pakistan is Vice-president

of WMO Regional Association-II (Asia) since December, 2008. •Pakistan is the founding member of South Asian Association for Regional Cooperation

(SAARC) and Member of the Governing Board of SAARC Meteorological Research Center (SMRC) since establishment of SMRC at Dhaka, in 1995.

•PMD is the focal national organization for tsunami early warnings within the framework **UNESCO-IOC Indian Ocean Tsunami Warning System (IOTWS).** 

•Pakistan joined Group on Earth Observations (GEO) in November, 2007 after approval by the Federal Cabinet and PMD is the focal national organization to deal with GEO.

•PMD has close liaison with various UN agencies (UNESCAP, UNESCO, UNDP, UN-ISDR etc.) and other international organizations (JICA, KOICA etc.) for development of proposals for disaster risk reduction against hydrometeorological disasters.

•PMD has good relations with the NMHSs of neighbouring countries