**Concept of REDD Plan (Reducing Emissions from deforestation and forest degradation) plus, climate monitoring.**

**REDD** originally referred to "reducing emissions from deforestation and forest degradation"

**REDD+** (or **REDD-plus**) refers to "reducing emissions from deforestation *and forest degradation* in developing countries, and the role of *conservation, sustainable management of forests, and enhancement of forest carbon stocks* in developing countries"

Reducing emissions from deforestation and forest degradation and the role of conservation, sustainable management of forests and enhancement of forest carbon stocks in developing countries (REDD+) was first negotiated under the [United Nations Framework Convention on Climate Change](https://en.wikipedia.org/wiki/United_Nations_Framework_Convention_on_Climate_Change) (UNFCCC) in 2005, with the objective of [mitigating climate change](https://en.wikipedia.org/wiki/Climate_change_mitigation) through reducing net emissions of [greenhouse gases](https://en.wikipedia.org/wiki/Greenhouse_gas) through enhanced [forest management](https://en.wikipedia.org/wiki/Forest_management) in developing countries. Most of the key REDD+ decisions were completed by 2013, with the final pieces of the rulebook finished in 2015.

**Climate Monitoring**

Climate monitoring provides users with the information they need for effective planning and operations to respond to climate variations in the frequency, intensity and location of extreme weather and climate events.

Pakistan Meteorological Department (PMD): is both scientific and service department, and functions under the cabinet secretariat (Aviation Division). PMD is responsible for providing meteorological service throughout Pakistan to wide variety of interest and for numerous public activities and projects which require climatic information.

Apart from meteorology, the department is also extending services in the fields of hydrology, earthquake and seismology (the scientific study of [earthquakes](https://en.wikipedia.org/wiki/Earthquake) and the propagation of [elastic waves](https://en.wikipedia.org/wiki/Linear_elasticity#Elastic_wave) through the [Earth](https://en.wikipedia.org/wiki/Earth) or through other planet-like bodies) and geomagnetism (The study of geomagnetism is one of the oldest of the geophysical sciences. Geomagnetic fields have been observed and used since ancient times. Modern uses of geomagnetic data include navigation and mineral exploration).