

Lao People's Democratic Republic
Status of Meteorological Network, Observations and Data Management In
Lao P D R

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Lao PDR started operational weather observation since the year 1950 in some large cities and was registered as a member of WMO in 1955. In this presentation, the status of meteorological network and relating operational weather observation tasks as well as Data archiving and data quality will be discussed. Unfortunately under the least developed country status, there has not been much improvement or development in the field of meteorology during the past decades. The establishment of meteorological stations has been slightly increased and extended in most of large cities in the last 10 years. All instruments are analogue and manual types as a result, these furnished all manned stations. These existing deteriorated instruments have no means to get calibration due to lack of standard calibrating tools. This situation leads to poor data quality even though data are preliminary checked manually prior to be archived in forms of hard copies and digital recorded devices. In order to cope with the current regional or global commitment on data quality assurance and data quality control, DMH has been striving to get improved its capability, therefore has formulated strategic and implementation plan by participating in capacity building of some key projects , such as the WMO technical supported and World Bank funded, organized by UNISDR, under the project titled **"Global facility on Disaster Risk Reduction (GFDRR Track 1) »** , the component for Strengthening Meteorological and Hydrological Services in Southeast Asia" (5 countries). On the other hand DMH has been involved in the implementation of the Mekong-Integrated Water Resources Management Programme (M-IWRMP) and the Information and knowledge Management Programme (IKMP) of the Mekong River Commission (MRC).