



Foreign, Commonwealth
& Development Office

SOUTH ASIA HYDROMET FORUM III

SESSION 6.

REGIONAL PARTNERSHIPS FOR IMPROVED WEATHER AND CLIMATE SERVICES IN SOUTH ASIA

JICA Cooperation Projects for Weather and Climate Services in South Asia

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Annual Event- Virtual

JICA'S COOPERATION PROJECTS FOR SOUTH ASIA

- Grant Aid of Weather Radars as Early Warning System for Extreme Weather Events
Bangladesh(1986-), Pakistan(1988-), and Sri Lanka (ongoing)
- Technical Cooperation Projects for Transfer of Latest Science and Technology in Meteorological Services through Dispatching of Expert-team for 3-4 years
Bangladesh(2009-13), Bhutan(2013-17, 2021-) and Sri Lanka(2010-13, 2014-17, 2020-)
- 3-month Training Program in Japan “Reinforcement of Meteorological Services” for meteorologists supported by Japan Meteorological Agency (JMA) , every year since 1976
Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, and Sri Lanka

STRATEGY AND TARGETS OF JICA COOPERATION IN SOUTH ASIA

- Optimization of Weather Observation: Accurate and Sustainable Operation under Limited Budget and Human Resources of NMHAs
- Impact-based Weather Forecast and Warning-Issuing using Numerical Models, Guidance, Satellite, Radar QPE based on Latest Meteorology and Technology
- Timely and Exhaustive Dissemination of Weather Information to the Public and Relevant Organizations for Disaster Mitigation
- Support of Capacity Development through On-site Training and Long-term Study in Japan

TECHNICAL COOPERATION PROJECT WITH DEPARTMENT OF METEOROLOGY, SRI LANKA 2022-2026

RADAR QPE, IMPACT-BASED FORECAST AND SMART INFORMATION-DISSEMINATION

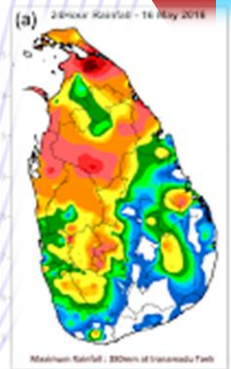
Aiming at Elaborate and Continuous Support for Sustainable Development of NMHSs

Grant Aid Project 2008-2009

AWS Network Installed



Technical Cooperation Project 2010-2013

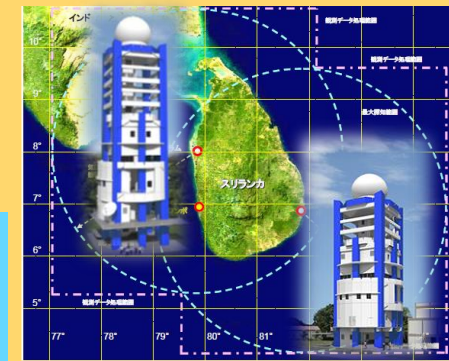


WRF Model Started



Grant Aid Project 2021- 2023

Dual-polarization radars will be installed



Technical Cooperation Project 2014-2017



Instrument Calibration, Satellite Receiver, Guidance, Website



Dr. Ishihara Masahito

Senior Advisor on Meteorological Sector, JICA

Dr. Ishihara had involved in the Japan Meteorological Agency more than 30 years as an expert of remote-sensing meteorology, in particular weather radar and wind profiler. He also had an experience of staying Kyoto University as a professor focusing on extreme weather research. After joining several JICA projects as a long-term expert and a consultant expert, he is now working at the JICA Headquarters in Tokyo.

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