

My number: DOM/DGM/01(II)  
Department of Meteorology  
Buddhaloka Mawatha,  
Colombo 07  
01.10.2024

All Directors,  
Chief Accountant,  
Deputy Directors, Electronic Engineer, Accountant, All OIC's, All sectional heads

**Distribution of Notice – Polarimetric Weather Radar QPE Training Program**

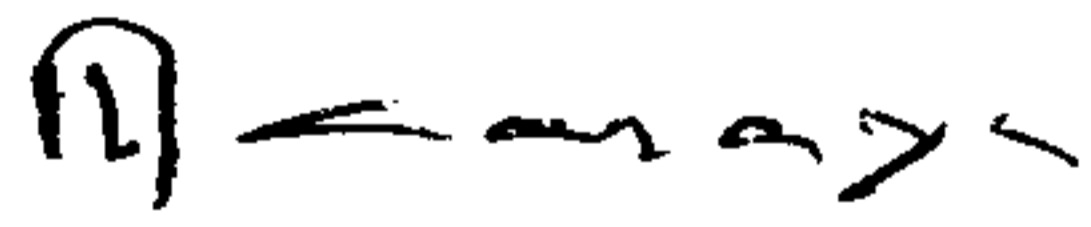
Please find attached a notice regarding the Polarimetric Weather Radar Quantitative Precipitation Estimation (QPE) Training Program, which is part of the JICA project for capacity building in meteorological observation, weather forecasting, and early warning issuance through the utilization of advanced weather radar systems.

I kindly request you to circulate this notice among your staff members who may be interested and eligible to apply. The program offers a unique opportunity for professional development, and applications are being called from the following three categories:

1. Forecasting
2. Engineering
3. Observation

The closing date for applications is **08<sup>th</sup> October 2024**, and applicants must meet the age limit and qualification requirements as stated in the notice. Please also note that selected participants must be committed to working at their allocated workstation until February 2028.

I appreciate your cooperation in ensuring this information is disseminated to all relevant personnel within your division.

  
A.K Karunanayake  
Director General of Meteorology

**A.K. Karunanayake**  
Director General of Meteorology  
Department of Meteorology  
383, Buddhaloka Mawatha,  
Colombo 07.

Cc:1. Director, Planning Division, Department of Meteorology-F.Y. I  
2. website department of meteorology Sri Lanka

## Invitation for Applications –Working Group and Polarimetric Weather Radar QPE Training Program

The Department of Meteorology is inviting applications from qualified staff for the selection of trainees for the working group and training course on Polarimetric Weather Radar Quantitative Precipitation Estimation (QPE). This initiative is part of the JICA project aimed at strengthening the department's capacity in meteorological observation, weather forecasting, and the issuance of early warnings through advanced radar technology.

Applications are invited from suitably qualified personnel for the following categories:

Category	Tasks after the radar completion	Education Qualifications	Experience
Forecasting	Short-term heavy rain forecasting and utilization of polarimetric radar data for rainfall prediction. Contribute to the execution of the above related duties and to the technical development of colleagues.	Bachelor of Science (General Degree or higher) with at least one core subject in Computer Science, Meteorology/Hydrology or Physics/Mathematics is required	Experience in rainfall forecasting and heavy rain warning systems. Experience using objective analysis data and numerical forecasting models. Programming experience is preferred but proficiency in any programming language is acceptable
Engineering	Operate the polarimetric radar and perform maintenance/inspection of the radar system . Contribute to the execution of the above duties and to the technical development of colleagues	Bachelor's degree (or higher) in Electrical/Electronic Engineering, or a National Diploma in Electronics with 5 years of experience in Telecommunications and Electronics, along with registration with the Engineering Council of Sri Lanka, is required	Experience in the use and maintenance of electronic measuring instruments. Programming experience is preferred, but proficiency in any programming language is acceptable
Observation	Responsible for polarimetric radar observations and data analysis (e.g., case studies of heavy rain,	Bachelor of Science (General Degree or higher) with at least one core subject in Physics, Meteorology, Mathematics, Statistic,	Experience with observational data analysis using tools like PyART, etc. Experience analyzing remote sensing data, such

	statical analysis of rainfall) Contribute to the execution of the above duties and to the technical development of colleagues	Electronic or Computer Science is required	as radiosonde or satellite observations. Programming experience is preferred, but proficiency in any programming language is acceptable.
--	--	--	---

A total of two individuals will be selected by a formal interview process for each category. Selection will be based on merit, demonstrated potential, and relevant qualifications. Applicants must be below 40 years of age as of the application closing date. Selected participants must be willing to work at their allocated workstation within the department until February 2028.

**Application Submission Deadline: 08<sup>th</sup> October 2024**

#### Application Instructions

Interested candidates are requested to submit their applications, along with a detailed CV and supporting documentation of qualifications, to the Deputy Director, Planning Division, Department of Meteorology by the specified deadline. Late submissions will not be considered.

This is an exceptional opportunity for staff to enhance their professional expertise and contribute to the future development of meteorological services in the country.



A.K Karunanayake  
 Director General of Meteorology

A.K Karunanayake  
 Director  
 Department of Meteorology  
 383, Barakumbura Wawatha,  
 Colombo 07.

Cc: Director, Planning Division, Department of Meteorology-F.Y.I