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வெளிநாட்டுவளங்கள்திணைக்களம்
Department of External Resources

මුදල් අමාත්‍යාංශය
මහලේකම් කාර්යාලය (3වැනි මහල), තැ.පෙ. 277, කොළඹ 00100, ශ්‍රී ලංකාව

நிதி அமைச்சு
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Ministry of Finance
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මගේ අංකය
எனது இல
My No

TA/CHI/S/65/22

මගේ අංකය
உமது இல
Your No

දිනය
திகதி
Date

28 March 2022

Secretary \ Ministry of Defence
Secretary \ Ministry of Environment
Secretary \ State Ministry of Disaster Management
Secretary \ State Ministry of Home Affairs

Attn: Officer In-Charge of Foreign Trainings

Dear Sir

Training Course on Use and Maintenance of Meteorological Instruments for Developing Countries, From 12-25 May, 2022 (Online)

We are writing with reference to the email dated 25 March 2022 sent by the Economic and Commercial Office, Chinese Embassy in Sri Lanka on the above.

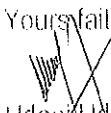
Accordingly, the Government of the People's Republic of China has invited nominations from the eligible government officials for the above online programme. The course details in this regard are enclosed.

We would highly appreciate, if you could instruct the relevant officials to circulate this programme among the Departments/Divisions/Institutes under your purview, and submit nominations to the Department of External Resources (ERD) with the following documents on or before 29 April 2022.

- (i) Nomination Letter (From the attached ministry)
- (ii) China Application Form (can be downloaded from the ERD website: www.erd.gov.lk)
- (iii) ERD Form (can be downloaded from the ERD website: www.erd.gov.lk)

Your early response in this regard is highly appreciated.

Yours faithfully


Uden Udugahapattuwa
Additional Director General
for Director General

Training Course on Use and Maintenance of Meteorological Instruments for Developing Countries

Name	Training Course on Use and Maintenance of Meteorological Instruments for Developing Countries		
Organizer	Nanjing University of Information Science and Technology		
Time	May 12 to 25, 2022	Language	English
Invited Countries	Developing Countries	Number of Participants	25
Purpose	<p>This training course is designed to build capacities of trainees for understanding the atmospheric sounding principles and using the meteorological instruments. Participants are expected to acquire theoretical and practical knowledge to understand the basic principles of the routine used meteorological instruments; to be familiar with the process of instrument installation and maintenance; to ensure the quality of the performance of instruments and the quality of meteorological information, and to acquire knowledge and skill to correct common instrument errors. The training course will also contribute to the exchanges and communications in relevant operational fields among meteorologists from countries to be represented.</p>		
Requirements for Participants	Professional Background	<p>The course is open to applicants who:</p> <ul style="list-style-type: none"> - work on positions related to meteorological services (forecasts and observations), environmental monitoring and disaster management; - hold BSc. degree in relevant disciplines and have at least 2-year working experience in relevant fields; - own college-level knowledge of mathematics and physics. 	
	Age	Not exceeding the statutory retirement age in participant's own country	
	Health Condition	Be in good health and capable of attending online courses as scheduled	
	Language Proficiency	Competence of English in listening, reading, speaking and writing adequate for attending online technical training events.	
	Others	<p>This seminar will be conducted remotely live through xylink. All live sessions will be recorded for participants with time zone challenges and later accessed via http://lab.campuchina.cn/chaoxin.com. NUIST will provide detailed instruction and technical support to facilitate online participation and ensure that participants are expected to make self-arrangements.</p>	

		internet connection ready before participation.
Training Content	<p>Commissioned by the Ministry of Commerce of the People's Republic of China (MOFCOM), Training Course on Use and Maintenance of Meteorological Instruments for Developing Countries (Online) will be hosted online by Nanjing University of Information Science and Technology (NUIST) from May 12 to 25, 2022. The working language of this 14-day event is English. Lectures on the following topics will be included:</p> <ol style="list-style-type: none"> 1. <i>Basics of China and Chinese Culture</i> to introduce China's geography, politics, economy, science and technology, education and customs, especially the great achievements and experience since the reform and opening up. 2. <i>Up and out of Poverty</i> to introduce the great achievements of new China in poverty reduction for more than 70 years and its contribution to the realization of global sustainable development goals, and share the experience of poverty reduction. 3. <i>Measurements of air temperature, atmospheric pressure, humidity and surface wind</i> to present the principles, methods, operations and maintenances of the instruments for above measurements. 4. <i>Observation of visibility and clouds</i> to present the principles, methods, operations and maintenances of the instruments. 5. <i>Measurement of precipitation and evaporation</i> to introduce precipitation gauges, precipitation gauge errors and corrections, measurement of dew, ice accumulation and fog precipitation, measurement of snowfall and snow cover, etc. 6. <i>Measurement of radiation and sunshine duration</i> to introduce the measurements of direct solar radiation, global and diffuse sky radiation, total and long-wave radiation, and special radiation quantities, UV radiation, sunshine duration measurement and the general sources of error, calibration and maintenance. 7. <i>Measurement of upper-air pressure, temperature, humidity and wind</i> to present knowledge on radiosonde electronics, temperature, pressure and relative humidity sensors, upper-wind sensors, instruments and methods, ground station equipment, radiosonde operations and errors, comparison, calibration and maintenance. 8. <i>Measurements at automatic weather stations</i> to present knowledge on types of automatic weather stations, automatic weather station hardware and software, and their calibration and maintenance. 9. <i>Special profiling techniques for the boundary layer and the troposphere</i> to introduce wind profiler radars, microwave radiometers, laser radars (lidars), balloon tracking, boundary layer radiosondes, and instrumented towers and masts. 10. <i>Station network siting and integrated observational network of meteorological service in China</i> to share developments and construction of the meteorological observational network in China. <p>Every lecture will set aside a 30-minute Q&A session to enhance participants' training experiences and facilitate exchanges.</p> <p>Two cloud tours will also be run to deepen participants' knowledge of China and Chinese Culture. The destinations are Folk Art Studio of Nanjing and CMA Atmospheric Observation Field Station, Nanjing Folk Art Studio of summing features, collection of folk arts, etc.</p>	

	<p>making, Chinese knots, kites, gold foil, etc.) and have a taste of the workmanship behind those works of folk arts. CMA Atmospheric Observation Field Study Centre Nanjing is a joint collaborative base for meteorologist training between CMA and NUIST. Occupying an area of 18 thousand square meters, it hosts four fields on surface observation, instrumentation, experimental study and ground-based remote sensing.</p> <p>Information of teaching team members:</p> <ol style="list-style-type: none"> 1. Prof. GUO Jianxia works with Centre of Meteorological Observation, China Meteorological Administration. As a senior researcher, Prof. GUO has long been committed to academic and operational areas such as station network optimization, flux observation of boundary layers, urban observation and simulation. 2. Prof. LV Wenhua also works with Centre of Meteorological Observation, China Meteorological Administration. As a senior researcher, Prof. LV is a top expert on such fields as atmospheric detection and detection instrumentation. 3. Mr. WANG Jiankai works with Integrated Observation Department, China Meteorological Administration. As a deputy of station network management, Mr. WANG is highly experienced in meteorological station planning, construction, installation and maintenance. 4. Prof. XU Xiaofeng works with the School of Atmospheric Physics, NUIST. The areas of his academic interests include solar radiation and optical properties of atmospheric aerosols. 5. Prof. WANG Chenggang works with the School of Atmospheric Physics, NUIST. The areas of his academic interests include atmospheric detection and boundary layer meteorology. 6. Prof. WANG Weiwei is also a teacher with CMA/NUIST observation center. She is a highly experienced supervisor of atmospheric observation field study. 		
Host City	Nanjing, Jiangsu Province	Cloud Tour Sites are located in	Nanjing
Notes	<p>The course will be run by both live sessions on video-conferencing platform and recorded sessions on a NUIST-hosted learning management system (LMS). Participants are expected to prepare necessary equipment and devices such as internet connection, computer, microphone, camera, etc.</p> <p>Digital certificates of completion will be issued to those who meet a series of requirements (to be provided in details in participant guidebook).</p> <p>All admitted participants will be informed of their respective participant ID, which will be the only valid ID for every participant into all course activities.</p> <p>For participants with difficulties in attending live sessions for time zone difference, lecture videos and slides will also be available for viewing on the learning management system.</p> <p>All course materials, including but not limited to, program information, participant guide, lecture slides, lecture videos, course photos, screen shots, and relevant texts are intellectual property of Nanjing University of Information Science and Technology and are for personal and non-commercial use only.</p>		

<p>About the Organizer</p>	<p>Nanjing University of Information Science & Technology is a highly recognized Regional Training Center (RTC-Nanjing) by the World Meteorological Organization (WMO) as well as UNESCAP/WMO Typhoon Committee. It has held nearly 200 multi- and bi-lateral training courses from 1990 to March 2022. Almost 4,600 meteorologists and hydrologists from 158 countries (regions) have been trained. Many of them have become the backbone in their respective National Meteorological and Hydrological Services (NMHSs).</p> <p>With strong support from Chinese government, RTC-Nanjing provides a wide range of international training courses on various subjects for the development of human resources in developing countries, such as atmospheric observation, weather forecasting, climate prediction, climate information service, disaster risk prevention and reduction, climate change management, agro-meteorology, radar meteorology, satellite meteorology, weather modification technologies, tropical cyclone forecasting, numerical weather prediction technologies, administrative management of meteorological services, etc.</p> <p>It strictly follows the WMO Manual on the Implementation of Education and Training Standards in Meteorology and Hydrology, and Guidelines for the education and training of meteorological personnel in meteorology and operational hydrology, and other regulator materials. More information about NUIST can be found on the website http://en.nuist.edu.cn/.</p>
<p>Contact the Organizer</p>	<p>Contact Person(s): SHEN Guangqiu (Ms. Diane) Telephone: 0086-25-5873 1403 Mobile phone: 0086-139 5107 1763 (SHEN) QQ Accounts: 131 5545 467 (SHEN) E-mail: rtc@nuist.edu.cn (Ms. DIANE, Project Management and Coordination)</p>