



WEBINAR ON EDUCATION & TRAINING - FEBRUARY 14 AT 2:00 PM UTC

Presenter 1: Dr. Patrick Parrish – Chief of Training Activities (WMO)

Topic 1: Presentation on WMO Global Campus Initiative



Dr. Patrick Parrish is Chief of Training Activities for the Education and Training Office at the World Meteorological Organization, having been in the training profession for 35 years, with an MA and PhD in Education. He has worked in meteorology and environmental sciences education and training for 28 years, including over 19 years with The COMET Program/UCAR, in Boulder, Colorado. He moved to WMO in August 2012. Dr. Parrish has published over 20 peer-reviewed articles and book chapters, receiving over 1000 citations, on instructional design and technology, cultural dimensions of learning, and the aesthetics of

learning and teaching. In recent years he has been promoting the WMO Global Campus Initiative in the global community, working to invite contributors to increase collaboration and sharing in education and training for capacity development in earth science-related disciplines.

Abstract

WMO Global Campus: Collaboration and Sharing in Education and Training for Capacity Development: Open Educational Practices in Action

This presentation provides a background to the history of the WMO Global Campus concept and its goals and principles. It presents the key components or activity areas so far discussed and will invite new ideas based on the principles of collaboration and cooperation. The WMO Global Campus has had at its core, the goal to meet WMO Member's needs and support WMO Strategic Plan through increased access to quality learning opportunities, greater alignment with WMO standards, promotion of new curriculum advances and training practices, shared resources and platforms for communication, and shared certification methods.

Presenter 2: Prof. Sushil K. Dash

Topic 2: Role of IFMS in expanding Education and Training in Weather and Climate



Prof. Sushil Kumar Dash is the Council Member for Region II (RAII), in IFMS. He is also the Chair of IFMS Committee on Education and Training and Webinars. He is the immediate Past President of the Indian Meteorological Society (IMS), Formerly, he was Professor and Head of the Centre for Atmospheric Sciences at the Indian Institute of Technology Delhi (IITD), India's premier Institute. He is actively involved in sponsored R&D projects in IIT Delhi. His research interests include Inter-annual Variability of Indian Summer Monsoon, Climate Modelling, Regional Climate Change Studies and High Performance Computing in numerical weather models. He has published 140+ refereed papers in journals of repute apart from presenting a number of papers in conferences. He has written one book and edited three books related to Weather and Climate. He is a Fellow of the Royal Meteorological Society and Indian Meteorological Society and Member of several organisations including The National Academy of Sciences, AMS, AGU and AOGS.

Abstract:

This presentation will describe the initiatives taken by IFMS in Education and Training Capacity development in the last one year or so in the field of Weather and Climate and also the role IFMS can play in expanding this important activity the world over. National Meteorological and Hydrological Societies (NMHSs) have a very important responsibility to educate, train and thus create awareness among all sections of the society so as to cope with the climate change related issues. NMHSs have adequate scope to undertake educational activities in the PPA mode for the public good. It is well known that that the problems faced by the society at large can be best solved by scientific approach. This fact has been further demonstrated during the current Covid19 pandemic. In order to be smart to cope with the climate change disasters, it is essential to educate the Teachers and students, Policy makers, Government officials, Social workers and the general public as well. IFMS can undertake this noble task with effective cooperation from international organisations such as WMO, WB, UCAR etc. and leading Meteorological Societies like AMS, RMetS etc.

Moderator: Prof. Liz Bentley, CEO of Royal Met Society, IFMS-Rep RA-6



Prof. Liz Bentley is the Chief Executive of the Royal Meteorological Society and a visiting Professor at the University of Reading.

She completed her PhD in mathematics at the University of Manchester and worked at the UK Met Office for 15 years as a research scientist, weather forecaster, forecasting instructor and Chief Instructor at the Met Office College. She has also worked at the BBC Weather Centre and the Ministry of Defence looking after their environmental research programme.