

Preparation for SYMET-14

Brief update

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3rd Meeting of the Capacity Development Panel (CDP)
15 and 16 September 2021 (Videoconference)

Fourteenth WMO Education and Training Symposium (SYMET-14)

and

Meeting of Directors of Regional Training Centres and Education and Training Collaborators

Dates: 22 – 26 November 2021

**Theme: “Education and Training During
a Period of Rapid Change”**

International Advisory Committee

1. Prof Andrew Charlton-Perez, UK (Co-Chair)
2. Dr Anna Timofeeva, Russian Federation (Co-Chair)
3. Mr Omar Chafki , Morocco,
4. Mr Christophe Cudennec, Professor, France
5. Dr Somenath Dutta, India
6. Dr David Farrell, British Caribbean Territories
7. Dr Winifred Jordaan, South Africa
8. Ms Jennifer Milton, Canada
9. Prof Christoph Mueller, Germany
10. Prof Peter Odjugo, Professor, Nigeria
11. Mr John Ogren ,USA
12. Dr Mary Scholes, Professor, South Africa
13. Mr Roger Stone, Australia
14. Dr Zhiqiang Wang ,China
15. Mr Christopher Webster, New Zealand

Actions so far:

1. Two online meetings were held between the Secretariat and the co-chairs of the organizing committee;
2. A draft agenda was developed;
3. Invitations were sent to members of the organizing committee with an invitation to join the discussion of the agenda;
4. A MOODLE website for the organizing committee was organized to discuss the preparation for the symposium;
5. “Eastern” and “Western” meetings of the IAC were held to ensure wider participation (in total 13 IAC members + WMO ETR attended)

SYMET-14 preparation milestones

w/b 26th July – e-mail to IAC with milestones and proposed structure, invite comments back by edits online. First save the date to community

w/b 6th Sep – IAC full meeting, confirmation of structure

w/b 27th Sep – Full agenda to community and invitation to submit posters

w/b 11th Oct – IAC full meeting, to decide on invited plenary speakers and request participation. Invite papers if required

Oct/Nov – IAC drafts initial declaration

w/b 8th Nov – IAC meets to discuss working groups and structure

22nd Nov – Meeting opens

Format of the Symposium

- **Fully online**
- **2 main forms of interaction:**
 - **Live discussions and presentations** – Zoom with interpretation (all 6 WMO official languages) available in plenary sessions (no interpretation in working group discussions). Time for live interactions will be limited to keynotes, plenary talks and working group discussions.
 - **Virtual poster sessions** – SYMET-14 participants will be invited to submit posters for virtual display. This will allow the symposium participants to view and comment on posters, connecting directly with poster presenters. These asynchronous interactions will support participants from various time zones to make important connections and share their ideas.

Keynote speakers (confirmed)

Preparing the Earth System Scientist of 2040

Dr. Louis Uccellini, Permanent Representative of United States

The increasing importance of education and training in promoting the paradigm shift to multi hazard early warning systems for NMHSs

Prof. Karnawati, Permanent Representative of Indonesia

A Look at the Future of International Meteorological and Hydrological Education

Acad. Markku Kumala, University of Helsinki

WMO ETR is sending official invitations to keynote contributors

Plenary talks (unconfirmed)

- **WMO Global Campus: Next Collaborative Directions**

- **Least Developed Countries (LDS)** What risks and opportunities are there for LDCs as change likely accelerates in the next 20 years? How do we mitigate risks and grasp new opportunities for LDCs as they present themselves in the coming years?

- **Operational meteorology training:** What challenges do very small NMHSs face in delivering services in rapidly changing times? What might it take to make them more viable and valued by their governments and regions in the coming years? How can collaboration and international support best be applied to aid small NMHSs?

- **University education:** How can universities take advantage of new technologies and pedagogies to become more nimble and able to face rapid change? What resources and skills do universities require to keep up with or stay ahead of change?

Discussions

- **Working Groups** – The working Groups will be set up to discuss pre-defined themes. Themes will be defined by IAC. Participation in the working group discussions may have to be limited in order to allow manageable and effective discussions
- **Regional working groups** – These sessions are intended to support discussions and coordination of efforts specific to each Region. The live sessions for these working groups will be time-zone dependent.
- **Symposium statement** - The symposium statement should contain SYMET-14 participants' observations and recommendations, serving as an important document to support and influence institutional, national and regional authorities on the implementation of SYMET-14 recommendations.

Proposed Working group themes:

1. Securing institutional commitment to share resources
2. New proposed Education and Training Board
3. Micro-credentials and credit transfer, how could we proceed
4. Considering new pedagogical approaches and assessment methods
5. Technological barriers in online learning, partnerships between online education providers
6. How will blended learning evolve in the future
7. Where are the skills gaps in our training and how do we fill these

**See you at
SYMET-14
online!**



**Dr Anna Timofeeva,
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