

**Consortium of WMO Education
and Training Collaborating
Partners
CONNECT
2024/2025 report**

EC-CDP-11

What is the Consortium of WMO Education and Training Collaborating Partners?

- Consortium of WMO Education and Training Collaborating Partners (CONECT) is an entity that will:
 - be a formal mechanism to achieve the goals of the WMO Global Campus initiative
 - complement the work of the WMO Capacity Development Panel
 - assist in building critical mass of support for ensuring technically sound, coherent, consistent and timely input of stakeholders towards the provision of desirable strategic direction for education and training activities.
 - constitute a viable ground for minimization of duplication, to complement efforts, maximize impacts, and enhancing cost-effective use of resources

CONNECT Plenary meetings

- CONNECT-1 was held on:
 - 17 – 19 April 2023
 - Hybrid with the face to face at
 - WMO headquarters
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- CONNECT-2 was held on:
 - 22-24 October 2024
 - Hybrid with face to face at
 - CMATC, Beijing

In between there were Management Group meetings to kick-start the activities.

18 Members elected by WMO RAs to form CONECT Management Group

- Mohamed Tawfik Abdeldayem, Egypt (Male)
- Winifred Jordaan, South Africa (Female) **Chair**
- DIAKARIA KONE, Niger (Male)
- Valerii Micheev, Russian Federation (Male)
- Gaurishankar Kallappa Sawaisarje, India (Male)
- YU Yubin, China (Male)
- Solangelita Edit Sánchez Cuevas, Chile (Female)
- Vagner Anabor, Brazil (Male) **Vice-Chair**
- Romina Nahir Mezher, Argentina (Female)

ARPITA MANDAL, Jamaica (Female)

~~Michelle Hardy, Canada (Female)~~

Replaced by Stepher Kerr Canada (Male)

Bernadette Connell, USA (Female)

Mick Pope, Australia (Male) Vice-Chair

Nelly Florida Riama, Indonesia (Female)

Michael S. Bala, Phillipines (Male)

~~Steven Callaghan, United Kingdom (Male)~~ **Vice-Chair**

Waiting for conformation who will take over.

Barbara BOURDELLES, France (Female)

Marina Baldi, Italy (Female)

Specialized Working Groups (WGs) of CONNECT

- Five Working Groups have been defined for initial activities of CONNECT:
- **Group 1: Promoting Basic Instruction Packages (BIPs) and competency frameworks implementation**
- Main topics to address: Promote the adoption of BIPs, discuss challenges on implementation, and share success stories.

Chair: *Mohammed Tawfik*

Vice-chair *Barbara Bourdelles*

- **Group 2: Training Resources**
- Main topics to address: Promote sharing of training resources and co-development, discuss copyright standards, minimum metadata, and related challenges that can facilitate re-use, and check for major gaps in resources already shared through Global Campus Collection of Learning Resources.

Chair: *Mick Pope*

Vice-chair *Romina Mezher*

- **Group 3: Communications and outreach of CONNECT and Global Campus initiative**
- Main topics to address: Develop a communication strategy and plan for CONNECT and Global Campus.

Chair: *Marina Baldi*

Vice-chair *Nelly Florida, and Vagner Anabor*

Specialized Working Groups (WGs) of CONNECT

- Five Working Groups have been defined for initial activities of CONNECT:
- **Group 4: Work force/Human Resources**
- Main topics to address: Discuss education and training outreach initiatives, succession challenges, promote WMO gender policy, explore resource mobilization and benefits of belonging to CONNECT.

Chair: *Valerii Micheev*

Vice-chair *Bernie Connell*

- **Group 5: Approaches to consistent adoption of certificates and microcredentials in training**
- Main topics to address: Discuss approaches and national requirements for issuing and accepting certificates of training, share good practices and develop guidance to promote wider recognition of certificates, and explore the benefits and challenges of using and sharing microcredentials.
- Chair: *YU Yubin*

Decisions from CONNECT-1

- **Decision 1 (CONNECT-1):** The period of work of elected members of CONNECT Management Group is 4 years (Add to Structure and working procedures).
- **Decision 2 (CONNECT-1):** New nominations can be proposed by plenary and by PRs, based on criteria: a) representatives from institutions working with education and training in meteorology, hydrology, and climate.
- **Decision 3 (CONNECT-1):** Reports of CONNECT activities will be shared with all partners interested in CONNECT, PRs and hydrological advisors, and bodies of WMO.
- **Decision 4 (CONNECT-1):** Use the WMO ETRP Moodle platform to keep information about meetings of CONNECT and assist the work of the Management Group.

Recommendations from CONNECT 1

- Recommendation 1 (CONNECT-1): Members of CONNECT to work together to reach the common goals identified by the CONNECT Plenary.
- Recommendation 2 (CONNECT-1): CONNECT to encourage co-design and co-creation of training materials.
- Recommendation 3 (CONNECT-1): CONNECT participants to write short case studies to illustrate their national models of engagement between universities and NMHSs. The case studies should contain a brief explanation of how the engagements work, celebrate the successes (what works well), present the challenges (where improvement is needed).
- Recommendation 4 (CONNECT-1): WMO Secretariat and CONNECT partners to collaborate to promote exchange of human resources between institutions to move the Consortium forward.
- Recommendation 5 (CONNECT-1): CONNECT to contribute to promoting sharing of education and training resources and events, in all languages, by using the WMO Global Campus tools.
- Recommendation 6 (CONNECT-1): CONNECT to encourage education and training partners to use clear and objective language in the development of training materials to enhance the ability of translation.

Draft Actions from CONNECT 2

- **Action 1 (CONNECT-2):** WG-1 to finalize plans for a webinar about using the "Guide to the Implementation of Education and Training Standards in Meteorology and Hydrology" (WMO-No. 1083) and share them with CONNECT-MG for feedback and support.
Actionee(s): CONNECT WG-1 Chair and Vice-Chair
- **Action 2 (CONNECT-2):** WG-3 to propose a design for the CONNECT logo. To be presented to CONNECT-MG for feedback and approval at the next meeting in January 2025.
Actionee (s): CONNECT WG-3 Chair and Vice-Chairs
- **Action 3 (CONNECT-2):** CONNECT-MG to develop a strategy to improve information sharing among CONNECT members, leveraging platforms like the WMO Global Campus and promoting multilingual educational resources.
Actionee (s): All members of CONNECT-MG

Draft Actions from CONNECT 2

- **Action 4 (CONNECT-2):** WG-5 to share the questions for a planned survey on certification for feedback from CONNECT-MG before opening it for responses.
Actionee(s): CONNECT WG-5 Chair and Vice-Chairs
- **Action 5 (CONNECT-2):** Terms of Reference of CONNECT to be revised to formally incorporate decisions regarding the approval of new members.
Actionee(s): Secretariat and Chairs of CONNECT
- **Action 6 (CONNECT-2):** A list of institutions that are CONNECT Plenary members will be added to the CONNECT website for transparency and visibility.
Actionee(s): Secretariat
- **Action 7 (CONNECT-2):** CONNECT-MG will discuss and establish the minimum time commitment required from MG members, with agreed guidelines to be incorporated into the ToR.
Actionee(s): All members of CONNECT-MG

Draft Recommendations from CONECT 2

- **Recommendation 1 (CONECT-2):** CONECT Plenary members should actively promote collaborations between Regional Training Centers (RTCs) and universities to develop region-specific, innovative training programs.
- **Recommendation 2 (CONECT-2):** CONECT Plenary members should continue sharing education and training opportunities, such as courses and conferences, through the WMO Global Campus Calendar (<https://learningevents.wmo.int>).
- **Recommendation 3 (CONECT-2):** Members should consider documenting their cooperation in capacity development using the WMO Capacity Development Framework, highlighting best practices and lessons learned. Case study templates and additional guidance are available on the [Capacity Development Panel Website](#).
- **Recommendation 4 (CONECT-2):** The CONECT Management Group should explore the coordination of future CONECT Plenary meetings with major education and training conferences, such as CALMet, to enhance participation and optimize resource use. The hybrid format should be retained to facilitate broader participation of CONECT Plenary members.

Some management outcomes:

- Replacement of general members: Institution to replace members.
- Replacement of MG members: The region represented to vote who will sit on the MG
- Replacement of chairs: The MG to vote
- Nomination of new members to MG - then to chair for noting.
- Proposal needs to include how the new member can contribute to WMO global campus
- Regional MG members to inspect the proposal and make recommendations
- At MG meeting – voting

Activities on MG in 2025

- The first online meeting of CONECT MG took place on 29 January.
- The second meeting took place on 23 April. The focus for this meeting was the acceptance of the CONECT logo and the organization of the different webinars.
- The third meeting took place on 2 September. At this meeting, the agenda for CONECT 3 was discussed and agreed on.
- The decision of the host for the next meeting of CONECT Plenary members was made: WMO RTC in Italy, Florence in November 2025
- The CONECT Plenary meeting will take place back-to-back with a conference on education and training jointly organized by CONECT and CALMET.

CONECT 3

- As stated, it is planned as a hybrid meeting jointly with CALMet meeting.
- Date: 24 – 28 November 2025.
- Florence, Italy, hosted by the RTC in Italy.
- CALMET will be from 24-26 November and then CONECT from 27-28 November.

Activities of WG1:

Promoting Basic Instruction Packages (BIPs) and competency frameworks implementation. Chair: *Mohammed Tawfik*. Vice-chair *Barbara Bourdelles*

It was decided to concentrate on the showcasing of the new BIP for 2025.

3 webinar sessions were held.

1. On 25 June, the online webinar: BIP-M and BIP-MT reimaged. Key changes from the 2023 revision.
2. On 20 August, the online webinar. Bip-MT in action, practical insights from Lesotho and Argentina.

Activities of WG1:

3. On 27 August, the online meeting was: BIP-M in practise. Example of pathways to implementation.

All the webinars were recorded and is available at:

<https://etrp.wmo.int/course/view.php?id=413>

Activities of WG2:

Training Resources. Chair: *Mick Pope* Vice-chair *Romina Mezher*

- The group approved the two surveys, but they are still looking at who will host the surveys and other logistics.
- The chair intend to call for collaboration as part of his CALMET plenary

Activities of WG3:

Communications and outreach of CONNECT and Global Campus initiative. Chair: *Marina Baldi*, Vice-chair *Nelly Florida*, and *Vagner Anabor*

- A new version of the Logo was proposed and accepted
- Contributed to the draft version of the CONNECT Leaflet proposed by Eduard Podgaiskii, based on available ToR and internal decisions taken so far.



Activities of WG4:

Work force/Human Resources . Chair: *Valerii Micheev, Vice-chair
Bernie Connell*

Members of this WG-4 engaged the WMO-CGMS VLab Management Group (VLMG) during their in-person meeting at the Center of Excellence in Oman in January 2025.

There were 2 activities that focused on succession planning and leadership training for trainers.

VLab expressed willingness to work with CONNECT WG-4 to look further into gathering and sharing training and examples for succession planning and leadership training.

There is a session in CONNECT 3 that will look at succession and

Worked with WG3 on the CONNECT leaflet tht highlight benefits of joining proposal.

Activities of WG5:

Approaches to consistent adoption of certificates and micro credentials in training. Chair: *YU Yubin, assisted by Lu Veeck*

- Working on survey questions about the use of certificates.

How to join CONECT

- Your organization needs to submit a request to one of the Management members with a reason why you want to join and how can you add to CONECT.
- The region from where the nomination comes must be verified by the region
- This nomination will be put before the Management meeting for discussion and discussions.

Thank you
Merci