Joint CALMet CONECT Conference for Educators and Trainers
Conference Theme: Future-Proofing Meteorological Training: Bridging Collaboration, Experience, and Innovation

All Posters (focused on all topics) available online 24/7 from 24/11 00:00 UTC

Time Zone 1: Eastern **Online Programme 0100 - 0300 UTC** * Opening of Online Programme * Keynote speaker - 01:15 UTC	Time Zone 1: Eastern **Online Programme 0100 - 0300 UTC** * Keynote speaker - 01:00 UTC	Time Zone 1: Eastern **Online Programme 0100 - 0300 UTC** * Keynote speaker - 01:00 UTC * Closing of Online Programme TZ1

Monday 24 November 2025 / Tuesday 25 November 2025 / Wednesday 26 November 2025

Time	Monday 24 November 2025	Time	Tuesday 25 November 2025	Time	Wednesday 26 November 2025
0100 - 0115 UTC (15')	Welcoming message ETR/recorded/ Opening	0100 - 0130 UTC (30')	31. Rebuilding the Fire Weather Competency program at the Australian Bureau of Meteorology (*James Pescott* - BoM)	0100 - 0130 UTC (30')	40. From Manual to Intelligent - Using AIGC and RAG Technology to Create Engaging Meteorological and Hydrological Training (*Luoyuze Chen* - CMATC)
0115 - 0145 UTC (30')	32. Utilizing the Protégé Effect: A "Training for Trainers" Model for Disaster Mitigation and Climate Change Adaptation (**Anggi Dewita** - BMKG)	0130 - 0200 UTC (30')	57. A Case Study on Building a Hierarchical and Categorized Micro-Course Resource System for Mobile-Based Weather Science Popularization (*Xue Han* - CMATC)	0130 - 0200 UTC (30')	81.Utilization of Artificial Intelligent for Classifying Rainfall from Satellite Imagery (**Richard Mahendra Putra** - BMKG)
0145 - 0215 UTC (30')	33. Strengthening Cross-Sectoral Collaboration in Capacity Development for "Met-Plus/Plus-Meteorology" - Meteorology as an Enabler in other sectors (*Qi Zhou - CMA*)	0200 - 0215 UTC (15')	Break	0200 - 0215 UTC (15')	Break
0215 - 0230 UTC (15')	Break	0215 - 0245 UTC (30')	29.Online learning, are we going too far? The urgent need to maintain face to face engagement (**Ratih Prasetya** - BMKG)	0215 - 0245 UTC (30')	27. Integrating AI into Meteorological Education: Empowering Instructors and Enhancing Learning with Intelligent Assistants (**Yang Zhao** - CMATC)
0230 -0330 UTC (60')	**Regional Discussion -- *Facilitated by Kirsty Tunner BoM Australia)*** Discussion on training needs and opportunities in the Region. Result of the discussion will be reported on the 1st Day of CONECT Plenary Meeting). **Report on CONECT by:** *Mick Pope*	0245 - 0315 UTC (30')	30. A Journey in Creating a Flip-To-Classroom Competency Based Subject (**Tristan Oakley** - BoM)	0245 - 0315 UTC (30')	51. Enhancing Seasonal Forecast Communication Through Interactive Dashboards (**Dian Nur Ratri** - BMKG)
		0315 - 0330 UTC (15')		0315 - 0330 UTC (15')	

All Posters (focused on all topics) available online 24/7 from 24/11 00:00 UTC

Time Zone 2: Western
Online Programme 1700-1930 UTC
* Opening of Online Programme TZ2
* Keynote speaker 17:15 UTC
* Workshop - 18:30 UTC

Time Zone 2: Western
Online Programme 1700-1930 UTC
* Keynote speaker - 17:00 UTC

Time Zone 2: Western (a Joint Hybrid Format with Time Zone 3)
Hybrid Programme 14:30-17:00 UTC
(Joint Programme Western and Florence TZ)
* Workshop - 14:30 UTC
* Closing of Online Programme - 17:00 UTC

Time	Column 1	Time	Column 2
1700 - 1715 UTC (15')	Welcoming message ETR recorded/ Opening	1700 - 1730 UTC (30')	37 What Everyone Should Know About Teaching and Learning (*Yanina Belline Saibene* - rOpenSci)
1715 - 1745 UTC (30')	77. First and Second International Workshop on WMO Professional Competencies Framework for Sea Ice Analysts and Forecasters (*Alejandro de La Maza* - Navy Weather Service)	1730 - 1800 UTC (30')	78. Chile Navy (*Alejandro de La Maza -* Navy Weather Service)
1745 - 1815 UTC (30')	36. Strengthening Regional Collaboration through the WMO-CGMS VLab Pilot Project supporting the Early Warning for All Initiative: Sharing experiences and best practices among regional Training Centres of Excellence (*Diego Souza* - INPE)	1800 - 1815 UTC (15')	Break
1815 - 1830 UTC (15')	Break	1815 - 1930 UTC (75')	**Regional Discussion -- *Facilitated by Romina Mezher*** Discussion on training needs and opportunities in the Region. Result of the discussion will be reported on the 1st Day of CONECT Plenary Meeting). **Report on CONECT by: *Romina Mezher***
1830 - 1930 UTC (60')	61. Leveraging Community Expertise in Earth Observation Capacity Needs Assessments: A Design Workshop on New Guidance (*Erin Martin* - EOTEC DevNet)		

From 08:00 to 11:00 UTC we have hybrid participation	Time Zone 3 - Florence
	Hybrid Programme 0800-1100 UTC * Opening - 08:00 UTC * Keynote speaker - 08:30 UTC
	Face-to-face Programme 1400 - 1700 * Lunch break - 12:00 Local Time * Workshop - 14:00 Local Time * Coffee + Posters - 15:30 Local Time * Workshop - 16:15 Local Time

From 08:00 to 11:00 UTC we have hybrid participation	Time Zone 3 - Florence
	Hybrid Programme 0800-1100 UTC * Keynote speaker - 08:00 UTC
	Face-to-face Programe 1400 - 1700 * Lunch break - 12:00 Local Time * Workshop - 14:00 Local Time * Coffee + Posters - 15:00 Local Time * Workshop - 15:45 Local Time

From 08:00 to 17:00 UTC we have hybrid participation	Time Zone 3 - Florence
	Hybrid Programme 0800-1100 UTC * Keynote speaker - 08:00 UTC * Workshop - 09:30 UTC
	Hybrid Programme 1300-1700 UTC * Lunch break - 11:00 UTC * Workshop - 13:00 UTC * Coffee + Posters - 14:00 UTC * Closing - 17:00 UTC

Column 1

Time	Session
0800 - 0830 UTC (30') / 0900 - 0930 CET	Opening session in Florence
0830 - 0900 UTC (30') / 0930 - 1000 CET	26. The International Advanced School in Agricultural Meteorology: from an initial bet to a consolidated initiative (*Marina Baldi* - CNR IBE Italy)
0900 - 0930 UTC (30') / 1000 - 1030 CET	73. Competency-Based Development of Climate Education Courses in Ukraine: The ClimEd Project (*Inna Khomenko* -- Odesa Mechnikov Univ)
0930 - 1000 UTC (30') / 1030 - 1100 CET	Break -- Group Photo
1000 - 1100 UTC (60') / 1100 - 1200 CET	**Regional Discussion -- Facilitated by Winifred** Discussion on training needs and opportunities in the Region. Result of the discussion will be reported on the 1st Day of CONECT Plenary Meeting). **Report on CONECT by:** *Winifred Jordaan*
1100 - 1300 UTC (120') / 1200 - 1400 CET	Lunch Break
1400 - 1430 CET (30')	28. Blooming BIP-Ms: Transformation of graduate training at the Bureau of Meteorology (*Mick Pope* - BoM)
1430 - 1530 CET (60')	5. Collaboration in Action: Experience a Case Clinic, the quintessential social learning activity (*Madalina Ungur* - EUMETSAT)
1530 - 1615 CET (45')	* Coffee + Posters
1615 - 1700 CET (45')	83. Training gaps, challenges and possible solutions in SOFF countries (*Giora Gershtein* - GeoSphere)

Column 2

Time	Session
0800 - 0830 UTC (30') / 0900 - 0930 CET	25. Co-Creating Engaging Learning for Meteorologists: Instructional Design in Practice at MeteoSwiss (*Claudia Stocker* - MeteoSwiss)
0830 - 0900 UTC (30') / 0930 - 1000 CET	22. Exploration on Enhancing the Human Resources Capacity Building in the Meteorological Industry (*Prof. Suchun Wang* - WMO RTC Nanjing China)
0900 - 0930 UTC (30') / 1000 - 1030 CET	50. LOSiC-UCR: Enhancing Student Learning through Applied Meteorological Training (*Alberto Salazar-Murillo* - University of Costa Rica)
0930 - 1000 UTC (30') / 1030 - 1100 CET	Break
1000 - 1030 UTC (30') / 1100 - 1130 CET	41. Enabling new capability and preserving knowledge through peer-to-peer learning (*Gina Lawrie* - Bom)
1030 - 1100 UTC (30') / 1130 - 1200 CET	48. Bridging Knowledge and Practice: How We Train Operational Forecasters at The Norwegian Meteorological Institute (*Pernille Borander* - Norwegian Met Institute)
1100 - 1300 UTC (120') / 1200 - 1400 CET	Lunch Break
1400 - 1500 CET (60')	3. EUMETSAT Simulator tool - workshop (*Vesa Nietosvaara* - EUMETSAT)
1500 - 1545 CET (45')	* Coffee + Posters
1545 - 1700 CET (60 to 75')	84. Round Table - Building competencies and collaboration beyond knowledge and skills: Insights from a transnational partnership (*Vieri Tarchiani* - IBE-CNR Italy)

Column 3

Time	Session
0800 - 0830 UTC (30') / 0900 - 0930 CET	38. Harnessing (AI) Artificial Intelligence for Next-Generation Meteorological Training: From Data Integrity to Immersive Learning (**Abdelillah Otmana Cherif** - Institut Hydrometeorologique de Formation et de Recherches - Algeria)
0830 - 0900 UTC (30') / 0930 - 1000 CET	82. Issues and Challenges for incorporating Artificial Intelligence based Earth System Prediction (AI-ESP) Technologies into WMO Integrated Processing and Prediction System (WIPPS) (**Eunha Lim** - WMO)
0900 - 0930 UTC (30') / 1000 - 1030 CET	Break
0930 - 1100 UTC (90') / 1030 - 1200 CET	6. Join the Debate: AI-driven weather forecasting models should replace traditional human-led analysis in training and decision-making (**Madalina Ungur** - EUMETSAT)
1100 - 1300 UTC (120') / 1200 - 1400 CET	Lunch Break
1300 - 1400 UTC (60') / 1400 - 1500 CET	70. Collaboration and Innovation in VLab: AI and Jupyter Notebooks for Meteorological Satellite Training (**Marcial Garbanzo Salas** - Vlab TSO/ Univ. Costa Rica)
1400 - 1430 UTC (30') / 1500 - 1530 CET	* Coffee + Posters
1430 - 1530 UTC (60') / 1530 - 1630 CET	43. Leveraging Generative AI in Instructional Design: A Case-Based Workshop? (*Tsvet Ross-Lazarov - COMET*)
1530 - 1600 UTC (30') / 1630 - 1700 CET	Break
1600 - 1700 UTC (60') / 1700 - 1800 CET	44. Build Talking-Head Videos with AI: Fast, Customizable Content Using Synthesia (*Tsvet Ross-Lazarov -* COMET)

Agenda and Workplan – CONECT-3
Third Meeting of the Consortium of WMO Education and Training Collaborating Partners
Thursday, 27 November 2025 (Day-1)

This meeting is part of the Joint CALMet XVI – CONECT-3 Conference. Registered participants attending the Joint Conference will find the link to attend this meeting online in the Conference website (See Day-4 and Day-5 of Conference Programme).

No	Agenda Item	Lead Facilitator	Presentation	Duration	Local Time in Florence	Time in UTC
1	**Welcome and Opening Remarks** *Formal opening of CONECT-3, featuring welcoming statements by the WMO Secretariat, the host institution, and the Chair.*	WMO representative (TBC); Host representative (TBC); Winifred Jordaan, Chair of CONECT	Opening Remarks	20'	10:30 - 10:50	09:30 - 09:50
2	**CONECT Progress Report: Achievements and Lessons Learned** *A presentation highlighting CONECT's key achievements and activities since the previous plenary, including progress on agreed actions and initiatives supporting WMO's education and training priorities.*	Winifred Jordaan, Chair of CONECT	Presentation and Discussions	30'	10:50 - 11:20	09:50 - 10:20
3	**Insights from CALMet-XVI and Regional Discussions** *A synthesis of outcomes and insights from the CALMet-XVI Conference and related regional dialogues.*	Heleen ter-Pelkwijk and Yuliana Purwanti, Co-Chairs of CALMet	Presentation and Discussions	40'	11:20 - 12:00	10:20 - 11:00
	Lunch Break			*120'*	*12:00 – 14:00*	*11:00 – 13:00*
4	**Strategic Updates from the WMO Secretariat** *Updates from WMO Secretariat relevant to CONECT*	Mingmei Li, Director of WMO ETR Office	Presentation and Discussions	30'	14:00 – 14:30	13:00 – 13:30
5	**Education & Training Marketplace: Collaboration Edition** *A marketplace activity to highlight current and upcoming training initiatives and connect institutions that are seeking collaboration.*	Facilitated by WMO Secretariat	Interactive marketplace	45'	14:30 – 15:15	13:30 – 14:15
	Coffee Break			*30'*	*15:15 – 15:45*	*14:15 – 14:45*
6	**Harnessing Artificial Intelligence for the Future of Training and Capacity Development**	Facilitated by WMO Secretariat	Round Table	75'	15:45 – 17:00	14:45 – 16:00
	Wrap-up Day-1	Winifred Jordaan, Chair of CONECT		5'	17:00 – 17:05	16:00 – 16:05

Agenda and Workplan – CONECT-3
Third Meeting of the Consortium of WMO Education and Training Collaborating Partners

Friday, 28 November 2025 (Day-2)

No	Agenda Item	Facilitator	Presentation	Duration	Local Time in Florence	Time in UTC
7	**Engaging the Next Generation: Youth Outreach Strategies** *Generating ideas and content to attract youth to meteorology, hydrology, climatology.*	Facilitated by CONECT-MG: Mick Pope, Solangela Cuevas, Stephen Kerr, and Vagner Anabor	Presentation and Discussions	60'	09:00 - 10:00	08:00 - 09:00
8	**Empowering Women in Training and Capacity Development** *Exploring challenges and solutions to increase women's inclusion in training programs.*	Facilitated by WMO Secretariat	Presentation and Discussions	45'	10:00 - 10:45	09:00 - 09:45
	Coffee Break			30'	10:45 – 11:15	09:45 – 10:15
9	**Expanding CONECT Membership and Strengthening Volunteer Engagement** *Exploring ways to increase engagement of CONECT members.*	Facilitated by CONECT-MG: Eduard Podgaiskii and Winifred Jordaan	Presentation and Discussions	45'	11:15 - 12:00	10:15 - 11:00
	Lunch Break			120'	12:00 – 14:00	11:00 – 13:00
10	**Building Sustainability: Succession Planning for Training Institutions** *A discussion of strategies for continuity and institutional knowledge transfer.*	Facilitated by CONECT-MG: Bernie Connell, Winifred Jordaan, and Arpita Mandal	Presentation and Discussions	90'	14:00 – 15:30	13:00 – 14:30
	Coffee Break			30'	15:30 – 16:00	14:30 – 15:00
11	**CONECT-3 Summary and Proposals for the Next Plenary**	Winifred Jordaan, Chair of CONECT	Presentation and Discussions	30'	16:00 – 16:30	15:00 – 15:30
12	**Closing Reflections and Any Other Business**	Winifred Jordaan, Chair of CONECT	Closing remarks	30'	16:30-17:00	15:30-16:00