



Our ref.: WMOI-559158197-6417219-I/NET/RRR ESAC

9 July 2025

Annexes: 2

Subject: Invitation to the RRR ESAC Coordinators and AA PoC Workshop and the WIGOS Vision Update Drafting Workshop, Darmstadt, Germany, 22-26 September 2025

Action required: To notify the WMO Secretariat whether you will be able to attend the meetings, at your earliest convenience, but not later than **1 August 2025**

Dear Sir/Madam,

The World Meteorological Organization (WMO) would first like to express its sincere appreciation for your availability to serve as members of the WIGOS Vision Update Group, as well as in your roles as Earth System Application Category (ESAC) Coordinators and Application Area (AA) Points of Contact (PoCs).

I am pleased to inform you that the Rolling Review of Requirements (RRR) ESAC Coordinators and AA PoC Workshop and the WIGOS Vision Update Drafting Workshop will take place at EUMETSAT Headquarters in Darmstadt, Germany:

- The Rolling Review of Requirements (RRR) Earth System Application Category (ESAC) Coordinators and Application Area (AA) Point of Contact (PoC) Workshop will be held from **22 to 24 September 2025**,
- The WIGOS Vision Update Drafting Workshop will follow from **24 to 26 September 2025**.

The workshops will be conducted in hybrid mode, however, in person participation is preferred. Additional details regarding the events can be found in the attached Concept Note ([Annex I](#)).

I have the pleasure in inviting you to participate in the events and would be grateful if you could attend.

It is hoped that the cost of your participation will be borne by your organization. If, however, it is not possible, WMO is prepared to consider, upon request and within available resources, providing financial support which may consist of travel cost (most economic air fare according to the most direct route) and/or per diem, for the WIGOS Vision Update Drafting Workshop. Considering the limited budget available, the priority of funding will be given to

To: RRR ESAC Coordinators and AA PoCs and Members of the WIGOS Vision update group (the email contacts are on [Annex II](#))

cc: Permanent Representatives of Argentina, Australia, Austria, Belgium, Brazil, Canada, China, Finland, Hong Kong, China, Germany, India, Japan, Norway, Spain, South Africa, Sweden, Switzerland, United Kingdom of WMO (limited distribution)
Mr Phil Evans, Head of the CGMS Secretariat (phil.evans@eumetsat.int, cgmsec@eumetsat.int)
Dr Florence Rabier, Director-General, ECMWF (florence.rabier@ecmwf.int)
Mr Vidar Helgesen, Executive Secretary of UNESCO/IOC (e.iasyрева@unesco.org)
Dr Klemen Bergant, Executive Director of EUMETNET (klemen.bergant@eumetnet.eu)

participants delivering presentations or leading the subgroups for topics that will be discussed at the workshops, mainly from lesser developed countries.

Regarding insurance coverage for non-staff members, may I draw your attention to the following:

Non-staff members of WMO who are authorized to travel at the Organization's expense and/or who are receiving a DSA from WMO must ensure they are fully responsible for expenses incurred in the event of death, illness or injury during official travel and attendance at meetings on behalf of the Organization. They are, therefore, fully responsible for arranging life, health, and accident, as well as any other forms of insurance with an adequate level of coverage for the duration of such meetings and events.

WMO liability is limited to the performance of services or attendance at a meeting on behalf of the Organization, is covered by an injury and illness benefit insurance which provides limited coverage for medical, emergency, and supplementary official travel expenses.

For administrative purposes, I would appreciate if you could kindly notify the WMO Secretariat (Ms Jitsuko Hasegawa jhasegawa@wmo.int and Mr Krunoslav Premec, kpremec@wmo.int) at your earliest convenience, but not later than **1 August 2025** of:

- (1) Your participation (in-person or remote) in the event(s)
- (2) If WMO assistance in relation to funding is sought.

Yours faithfully,

A handwritten signature in dark ink, appearing to read "Nir Stav". The signature is fluid and cursive, with the first name "Nir" and the last name "Stav" clearly distinguishable.

Mr Nir Stav
Senior Director
Infrastructure Department

Concept Note

The Rolling Review of Requirements Earth System Application Category Coordinators and Application Area Point of Contact Workshop and the WIGOS Vision Update Drafting Workshop

**EUMETSAT Headquarters, Darmstadt, Germany
22-26 September 2025**

WMO will be organizing the Rolling Review of Requirements (RRR) Earth System Application Category (ESAC) Coordinators and Application Area (AA) Point of Contact Workshop and the WIGOS Vision Update Drafting Workshop, at EUMETSAT HQ in Darmstadt, Germany:

- The RRR ESAC Coordinators and AA PoC Workshop will be held from **22 to 24 September 2025**.
- The WIGOS Vision Update Drafting Workshop will follow from **24 to 26 September 2025**.

The events will be conducted in hybrid mode; however, in person participation is preferred.

The main objectives of the RRR ESAC Coordinators and AA PoC Workshop are to develop necessary outreach material, plan actions towards ensuring completion of the missing Gap analyses, Statements of Guidance (SoGs), and consider updates of the OSCAR/Requirements guidance material and the database. The workshop will explore ideas for measurement of the impact and success of SoGs. It will also exchange information about relevant activities with the WIGOS Vision drafting group and discuss and envisaged evolution of the User requirements as input to the update of the WIGOS Vision.

The main objective of the WIGOS Vision Update Drafting Workshop is to receive feedback from group members and users communities to the second-order draft of the Vision for the WMO Integrated Global Observing System 2050, which aims at describing the state of the global observing system, with space- and surface-based components, in the 2050 timeframe, for the target audience of space agencies/operators, national and international agencies in charge of in-situ, ground, ocean- and air-based observing systems networks, private and public actors, in the business of designing and deploying observing systems in general. To facilitate the dialogue with user communities, a joint session with the RRR ESAC Coordinators and AA PoC Workshop will be organized on the first day.

A provisional agenda of the RRR ESAC Coordinators and AA PoC Workshop will be posted on the following web-page: <https://community.wmo.int/en/meetings/esac-coordinators-and-aa-pocs-hybrid-workshop>.

A provisional agenda of the WIGOS Vision Update Drafting Workshop will be posted on the following web-page: <https://community.wmo.int/en/meetings/wigos-vision-update-drafting-workshop-24-26-september-2025>.

The list of the invited participants is attached to this letter.

Should you need any assistance with visa requirements please contact Ms Zoya Andreeva, zandreeva@wmo.int.

List of invited participants**The RRR ESAC Coordinators and AA PoC Workshop****EUMETSAT Headquarters, Darmstadt, Germany****22-24 September 2025**

Member	Role	Authorized by	Capacity	Email
Erik Andersson	ESAC Atmosphere-Coord.	ECMWF Retired	ET-EOSDE Chair	Erik.Andersson@ecmwf.int
Emma Heslop	ESAC Ocean-Coord.	UNESCO/IOC/GOOS	GOOS	e.heslop@unesco.org
Emmanuel Brocard	ESAC Terrestrial & Hydrology- Coord.	Switzerland	SC-HYD Member	Emmanuel.Brocard@bafu.admin.ch
David Richardson	ESAC Integrated ES- Coord.	ECMWF Retired	SC-WIPPS chair	david.richardson@ecmwf.int
Joaquim Eduardo Rezende Costa	AA 1.1-Sun...	Brazil	PoC	joaquim.costa@inpe.br
Sergio Dasso	AA 1.2-Energetic..	Argentina	PoC	sergio.dasso@gmail.com
Kirsti Kauristie	AA 1.3-Ionosphere...	Finland	PoC	kirsti.kauristie@fmi.fi
Kozo Okamoto	AA 2.1-GNWP	Japan	PoC	kokamoto@mri-jma.go.jp
Magnus Lindskog	AA 2.2-HRNWP	Sweden	PoC	magnus.lindskog@smhi.se
Aitor Atencia Ruiz de Gopegui	AA 2.3-Nowcasting...	Austria	PoC	aitor.atencia@geosphere.at
Jeff Knight	AA 2.4-SSLP	UK	PoC	jeff.knight@metoffice.gov.uk
Yiu-Fai Lee	AA 2.8-Aeronautical	Hong Kong, China	PoC	yflee@hko.gov.hk
Hao Zuo	AA 3.1-Ocean Frcst	ECMWF	PoC	hao.zuo@ecmwf.int
Laura Tuomi	AA 3.2-Coastal...	Finland	PoC	Laura.Tuomi@fmi.fi
Yuji Nishimae	AA 3.4-Tsunami	Japan	PoC	nishimae@met.kishou.go.jp
Graigory Sutherland	AA 3.5-Marine Env	Canada	PoC	gragory.sutherland@ec.gc.ca
Anish Hebbar	AA 3.6-Maritime safety	WMU, Sweden	PoC	ah@wmu.se
Maciej Telszewski	AA 3.7Ocean Biogeochemical	IOCCP	PoC	m.telszewski@ioccp.org
Cristina Prieto (on behalf of E. Brocard)	AA 4.1 Hydro Frcst	Spain	PoC	cristina.prieto@unican.es

Ken Mylne	AA 2.3-Nowcasting...	UK	AA Owner rep	ken.mylne@metoffice.gov.uk
Peter Thorne	AA 2.5-Atm Climate	GCOS	AA Owner rep	peter.thorne@mu.ie
Andrea Henderson	AA 2.8-Aeronautical	Australia	AA Owner rep	Andrea.HENDERSON@bom.gov.au
Sabina Speich	AA 3.1-Ocean Frcst& AA 3.3-Ocean climate	GCOS	AA Owner rep	sabrina.speich@lmd.ipsl.fr
Val Swail	AA 3.2-Coastal...	Canada	AA Owner rep	swail@rogers.com
Srinivas Kumar	AA 3.4-Tsunami	India	AA Owner rep	srinivas@incois.gov.in
Øyvind Breivik	AA 3.5-Marine Env	Norway	AA Owner rep	oyvindb@met.no
Daniel Peixoto de Carvalho	AA 3.6-Maritime safety	Brazil	AA Owner rep	dpxcarvalho@gmail.com
Martin Herold	AA 4.2-Hydro& Terrest climate	Germany	AA Owner rep	herold@gfz-potsdam.de
Stephan Dietrich	AA 4.2-Hydro& Terrest climate	Germany	AA Owner rep	dietrich@bafg.de
Jianxia Guo	Invited expert	China	ET-EOSDE member	guo_jianxia@163.com
Tom Butcher	Invited expert	UK	ET-SON chair	tom.butcher@metoffice.gov.uk
Jeremy Naidoo	Invited expert	South Africa	TT-EHN	naidooj@dws.gov.za
Patricia de Rosnay	Invited expert	ECMWF	ET-EOSDE member	patricia.rosnay@ecmwf.int
Mary-Jane Morongwa BOPAPE	Invited expert	South Africa	ET-EOSDE member	mm.bopape@saeon.nrf.ac.za
Marilaure Gregoire	Invited expert	Belgium	ET-EOSDE member	mgregoire@ulg.ac.be
Kotaro Bessho	Invited expert	Japan	Space agency rep	kbessho@met.kishou.go.jp
Jacqueline Sugier	Invited expert	EUMETNET	ET-EOSDE vice-chair	jacqueline.sugier@metoffice.gov.uk
Andreas Schiller	Invited expert	Australia	Chair ET-MOR/SC-MMO	anschill2020@gmail.com
Rosemary Munro	Host	EUMETSAT	ET-EOSDE member	rosemary.munro@eumetsat.int
Shannon Kaya	Vice-Chair	Canada	SC-ON Vice-Chair	Shannon.Kaya@ec.gc.ca

List of invited participants**The WIGOS Vision Update Drafting Workshop
EUMETSAT Headquarters, Darmstadt, Germany****24-26 September 2025**

Member	Role	Authorized by	Capacity	Email
Dr Shannon Kaya	Vice-Chair	Canada	SC-ON Vice-Chair	Shannon.Kaya@ec.gc.ca
Dr Mary-Jane Morongwa BOPAPE	Member	South Africa		maryjane.bopape@gmail.com mm.bopape@saeon.nrf.ac.za
Dr Jianxia GUO	Member	China		guo_jianxia@163.com
Mr Sean BURNS	Member	CGMS	CGMS representative	Sean.Burns@eumetsat.int
Dr Elian Augusto WOLFRAM	Member	Argentina		ewolfram@smn.gob.ar
Dr Osamu Ochiai	Member	Japan	CEOS representative	ochiai.osamu@jaxa.jp
Dr Anthony McNally	Member	ECMWF		tony.mcnally@ecmwf.int
Dr Paolo Ruti	Subgroup member	EUMETSAT		Paolo.Ruti@eumetsat.int
Dr Stephan Bojinski	Subgroup member	EUMETSAT		Stephan.Bojinski@eumetsat.int
Dr Rosemary Munro	Subgroup member	EUMETSAT		rosemary.munro@eumetsat.int
Dr Niels Bormann	Subgroup member	ECMWF		niels.bormann@ecmwf.int
Dr Erik Andersson		ECMWF Retired	ET-EOSDE Chair	erik.andersson@ecmwf.int