Training Workshop for Regional WIGOS Centres functions and tools in RA VI

20-22 November 2023, Santander, Spain – Hybrid

Tentative Programme

Day-1

20 November 2023, Monday (Hybrid) (Morning Session)			
Item	*Time*	*Content/Topics*	*Facilatator/Speaker*
	08:30-09:00	Registration of participants	
1	09:00-09:15 (15 mins)	Opening session - Welcome - Introduction and purpose of workshop	F. Belda (AEMET) L. Nunes (WMO) and S. Lappi (WMO)
2	09:15-09:45 (30 mins)	Warm up quiz on WIGOS and WIGOS Tools	E. Buyukbas (WMO) R. Merrouchi (WMO)
3	09:45-10:15 (30 mins)	Introduction to WIGOS *WIGOS Concept* *WIGOS Implementation Plan* *WIGOS Station Identifiers* *Implementation of WIGOS at national and regional level*	L. Nunes (WMO)
	10:15-10:30 (15 mins)	Coffee Break	
4	10:30-11:00 (30 mins)	Introduction to RWCs *Roles and importance of RWCs* *Mandatory and optional functions* *Roles and responsibilities of relevant NFPs* *Daily tasks and priorities of RWCs*	S. Linnerts (S. Africa)
5	11:00-11:40 (40 mins)	Introduction to RWC Concept and Implementation Plan in RA VI Role of each RWC node (5 mins each)	S. Lappi (WMO) RWC-Bosnia and Herzegovina RWC-Kazakhstan RWC-Romania RWC-Türkiye RWC-EUMETNET
6	11:40-11:55 (15 mins)	Q & A session	E. Buyukbas (WMO) R. Merrouchi (WMO)
7	11:55-12:00 (5 mins)	Wrap up of the session	L. Nunes (WMO)
	12.00-13.30 (90 mins)	Lunch Break	

Item	Time	Content/Topics	Facilatator/Speaker
		20 November 2023, Monday **(Hybrid) (Afternoon Session)**	
1	13:30-14:15 (45 mins)	OSCAR/Surface Training • *Main features and functions of OSCAR/Surface* • *How to register and login in OSCAR/Surface* • *The roles and authorities of the users in OSCAR/Surface* • *How to register stations in OSCAR/Surface* • *How to assign WSIs* • *The templates for registration of stations* • *How to update metadata* • *How to use OSCAR/Surface WebClient and API* • *Main features and functions of OSCAR/Surface*	S. Linnerts (S. Africa)
2	14:15-15:00 (45 mins)	OSCAR/Surface Training (Practical session) • *Login to OSCAR/Surface* • *Create a test station with generic form*	E. Buyukbas (WMO)
	15:00-15:15 (15 mins)	Coffee Break	
2	15:15-16:15 (60 mins)	OSCAR/Surface Training (Practical session) • *Use templates to create new stations (GBON, radiosonde, AWS)* • *Identify and solve issues for registering//updating stations metadata*	R. Merrouchi (WMO)
3	16:15-16:45 (30 mins)	Q & A	S. Linnerts (S. Africa)
4	16:45-17:00 (15 mins)	Wrap up of the day	S. Lappi (WMO) L. Nunes (WMO)

Day-2

Item	Time	Content/Topics	Facilatator/Speaker
		21 November 2023, Tuesday **(Hybrid) (Morning Session)**	
1	09:00-09:15	Review of the first day	L. Nunes (WMO)
2	09:15-10:30 (75 mins)	OSCAR/Surface Training (Practical session) • *Use the webclient to register new stations*	E. Buyukbas (WMO)
	10:30-10:45 (15 mins)	Coffee Break	
3	10:45-11:30 (45 mins)	OSCAR/Surface Training (Practical session) • *Update metadata (e.g. affilation, new variable, new deployment and data generation)*	R. Merrouchi (WMO)
4	11:30-11:50 (20 mins)	Q & A session	S. Linnerts (S. Africa)
5	11:50-12:00 (10 mins)	Wrap up of the session	S. Lappi (WMO) L. Nunes (WMO)
	12:00-13:30 (90 mins)	Lunch Break	

Item	Time	Content/Topics	Facilatator/Speaker
21 November 2023, Tuesday **(Hybrid) (Afternoon Session)**		
1	13:30-14:30 (60 mins)	WDQMS Training • *Introduction to WDQMS concept and functions* • *How to use WDQMS webtool for data availability evaluation* • *How to use WDQMS webtool for data quality evaluation* • *Relationship between OSCAR/Surface and WDQMS webtool for quality monitoring*	S. Linnerts (S. Africa)
2	14:30-15:15 (45 mins)	WDQMS Training (Practical session) • *Identify availability issues in WDQMS webtool for RA VI for surface land stations* • *Identify and interpret availability differences among WIGOS Monitoring Centres* • *Check availability issues with metadata in OSCAR/Surface* • *Repeat same exsercise for upper air stations*	E. Buyukbas (WMO)
	15:15-15:30 (15 mins)	Coffee Break	
3	15:30-16:15 (45 mins)	WDQMS Training (Practical session) • *Identify quality issues in WDQMS webtool for RA VI for surface land stations* • *Identify and interpret quality differences among WIGOS Monitoring Centres* • *Check quality issues with metadata in OSCAR/Surface* • *Repeat same exsercise for upper air stations*	R. Merrouchi (WMO)
4	16:15-16:45 (30 mins)	Q & A *session*	S. Linnerts (S. Africa)
5	16:45-17:00 (15 mins)	Wrap up of the day	S. Lappi (WMO) L. Nunes (WMO)

Day-3

Item	Time	Content/Topics	Facilatator/Speaker
22 November 2023, Wednesday **(Hybrid) (Morning Session)**		
1	09:00-09:15 (15 mins)	Review of the second day	L. Nunes (WMO)
2	09:15-09:55 (40 mins)	IMS Training • *IMS features and functions* • *How to get account and login in IMS* • *Ticketing process in IMS* • *Issuing, updating and closing tickets* • *The actors with roles in the operational process of RWCs*	E. Buyukbas (WMO)
3	09:55-10:15 (20 mins)	Q & A Session	T. Kleinert (Germany)

22 November 2023, Wednesday **(Hybrid) (Morning Session)**
Item	*Time*	*Content/Topics*	*Facilatator/Speaker*
	10:15-10:30 (15 mins)	Coffee Break	
4	10:30-11:15 (45 mins)	IMS Training (Practical session) • *Login in IMS* • *Identify an issue in WDQMS webtool and create a ticket in IMS* • *Follow the process by implementing the steps defined under Incident Management Procedure*	S. Linnerts (S. Africa)
5	11:15-11:45 (30 mins)	Q & A Session	R. Merrouchi (WMO)
6	11:45-12:00 (15 mins)	Wrap up of the session	S. Lappi (WMO) L. Nunes (WMO)
	12:00-13.30 (90 mins)	Lunch Break	

22 November 2023, Wednesday **(Hybrid) (Afternoon Session)**
Item	*Time*	*Content/Topics*	*Facilatator/Speaker*
1	13:30-14:30 (60 mins)	Final discussion on RWC functions and WIGOS Tools	T. Kleinert (Germany)
2	14:30-15:00 (30 mins)	Summary and workshop conclusions	S. Linnerts (S. Africa) S. Lappi (WMO)
	15:00-15:15 (15 mins)	Coffee Break	
3	15:15-15:30 (15 mins)	Evaluation of the workshop	All participants
4	15:30-15:45 (15 mins)	Wrap up and closure	T. Kleinert (Germany) L. Nunes (WMO)