

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 | Facilitator/Speaker |
| | 08:30-09:00 | Registration of participants | |
| 1 | 09:00-09:15 (15 mins) | Opening session <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> <i>WIGOS Concept</i> <i>WIGOS Implementation Plan</i> <i>WIGOS Station Identifiers</i> <i>Implementation of WIGOS at national and regional level</i> | L. Nunes (WMO) |
| | 10:15-10:30 (15 mins) | Coffee Break | |
| 4 | 10:30-11:00 (30 mins) | Introduction to RWCs <ul style="list-style-type: none"> <i>Roles and importance of RWCs</i> <i>Mandatory and optional functions</i> <i>Roles and responsibilities of relevant NFPs</i> <i>Daily tasks and priorities of RWCs</i> | S. Linnerts (S. Africa) |
| 5 | 11:00-11:40 (40 mins) | Introduction to RWC Concept and Implementation Plan in RA VI Role and status 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 | |

| 20 November 2023, Monday (Hybrid) (Afternoon Session) | | | |
|--|--------------------------|--|--|
| Item | Time | Content/Topics | Facilitator/Speaker |
| 1 | 13:30-14:15 (45 mins) | OSCAR/Surface Training <ul style="list-style-type: none"> • <i>Main features and functions of OSCAR/Surface</i> • <i>How to register and login in OSCAR/Surface</i> • <i>The roles and authorities of the users in OSCAR/Surface</i> • <i>How to assign WSIs</i> | S. Linnerts (S. Africa) |
| | | <ul style="list-style-type: none"> • <i>How to register stations in OSCAR/Surface</i> • <i>The templates for registration of stations</i> • <i>How to update metadata</i> • <i>How to use OSCAR/Surface WebClient and API</i> | S. Linnerts (S. Africa) |
| 2 | 14:15-15:00 (45 mins) | OSCAR/Surface Training (Practical session) <ul style="list-style-type: none"> • <i>Login to OSCAR/Surface</i> • <i>Create a test station with generic form</i> | G1: E. Buyukbas (WMO) G2: R. Merrouchi (WMO) G3: L. Nunes (WMO) G4: (remote): S. Linnerts (S. Africa) |
| | 15:00-15:15 (15 mins) | Coffee Break | |
| 2 | 15:15-16:15 (60 mins) | OSCAR/Surface Training (Practical session) <ul style="list-style-type: none"> • <i>Use templates to create new stations (GBON, radiosonde, AWS)</i> • <i>Identify and solve issues for registering/ updating stations metadata</i> | G1: E. Buyukbas (WMO) G2: R. Merrouchi (WMO) G3: L. Nunes (WMO) G4: (remote): S. Linnerts (S. Africa) |
| 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

| 21 November 2023, Tuesday (Hybrid) (Morning Session) | | | |
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| Item | Time | Content/Topics | Facilitator/Speaker |
| 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) <ul style="list-style-type: none"> • <i>Use the webclient to register new stations</i> | G1: E. Buyukbas (WMO) G2: R. Merrouchi (WMO) G3: L. Nunes (WMO) G4: (remote): S. Linnerts (S. Africa) |
| | 10:30-10:45 (15 mins) | Coffee Break | |
| 3 | 10:45-11:30 (45 mins) | OSCAR/Surface Training (Practical session) <ul style="list-style-type: none"> • <i>Update metadata (e.g. affiliation, new variable, new deployment and data generation)</i> | G1: E. Buyukbas (WMO) G2: R. Merrouchi (WMO) G3: L. Nunes (WMO) |

| 21 November 2023, Tuesday (Hybrid) (Morning Session) | | | |
|---|--------------------------|------------------------|--|
| Item | Time | Content/Topics | Facilitator/Speaker |
| | | | G4 : (remote): S. Linnerts (S. Africa) |
| 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 | |

| 21 November 2023, Tuesday (Hybrid) (Afternoon Session) | | | |
|---|--------------------------|---|--|
| Item | Time | Content/Topics | Facilitator/Speaker |
| 1 | 13:30-14:30 (60 mins) | WDQMS Training <ul style="list-style-type: none"> <i>Introduction to WDQMS concept and functions</i> <i>How to use WDQMS webtool for data availability evaluation</i> <i>How to use WDQMS webtool for data quality evaluation</i> <i>Relationship between OSCAR/Surface and WDQMS webtool for quality monitoring</i> | S. Linnerts (S. Africa) |
| 2 | 14:30-15:15 (45 mins) | WDQMS Training (Practical session) <ul style="list-style-type: none"> <i>Identify availability issues in WDQMS webtool for RA VI for surface land stations</i> <i>Identify and interpret availability differences among WIGOS Monitoring Centres</i> <i>Check availability issues with metadata in OSCAR/Surface</i> <i>Repeat same exercise for upper air stations</i> | G1: E. Buyukbas (WMO) G2: R. Merrouchi (WMO) G3: L. Nunes (WMO) G4: (remote): S. Linnerts (S. Africa) |
| | 15:15-15:30 (15 mins) | Coffee Break | |
| 3 | 15:30-16:15 (45 mins) | WDQMS Training (Practical session) <ul style="list-style-type: none"> <i>Identify quality issues in WDQMS webtool for RA VI for surface land stations</i> <i>Identify and interpret quality differences among WIGOS Monitoring Centres</i> <i>Check quality issues with metadata in OSCAR/Surface</i> <i>Repeat same exercise for upper air stations</i> | G1: E. Buyukbas (WMO) G2: R. Merrouchi (WMO) G3: L. Nunes (WMO) G4: (remote): S. Linnerts (S. Africa) |
| 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

| 22 November 2023, Wednesday (Hybrid) (Morning Session) | | | |
|---|--------------------------|--|--|
| Item | Time | Content/Topics | Facilitator/Speaker |
| 1 | 09:00-09:15 (15 mins) | Review of the second day | L. Nunes (WMO) |
| 2 | 09:15-09:55 (40 mins) | IMS Training <ul style="list-style-type: none"> • <i>IMS features and functions</i> • <i>How to get account and login in IMS</i> • <i>Ticketing process in IMS</i> • <i>Issuing, updating and closing tickets</i> • <i>The actors with roles in the operational process of RWCs</i> | E. Buyukbas (WMO) |
| 3 | 09:55-10:15 (20 mins) | Q & A Session | T. Kleinert (Germany) |
| | 10:15-10:30 (15 mins) | Coffee Break | |
| 4 | 10:30-11:15 (45 mins) | IMS Training (Practical session) <ul style="list-style-type: none"> • <i>Login in IMS</i> • <i>Identify an issue in WDQMS webtool and create a ticket in IMS</i> • <i>Follow the process by implementing the steps defined under Incident Management Procedure</i> | G1: E. Buyukbas (WMO) G2: R. Merrouchi (WMO) G3: L. Nunes (WMO) G4: (remote): 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 | Facilitator/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) L. Nunes/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) |