

Workshop Series on Water Quality Monitoring

Opening Workshop

Day 1: Regulatory and Guidance material on Water Quality

Time (UTC)	Agenda Item
11:00 – 11:10	Opening <i>Johannes Cullmann (WMO) & Hartwig Kremer (UNEP)</i>
11:10 – 11:25	WWQA & Proposed Series of Workshops <i>Nina Raasakka (UNEP)</i>
11:25 – 11:45	UNEP Global Environment Monitoring System for freshwater (GEMS/Water) <i>Kilian Christ (UNEP)</i> <ul style="list-style-type: none">• UNEP Regulatory and guidance material on Water Quality• UNEP national focal points regarding Water Quality
11:45 – 12:05	UNESCO-IHP International Initiative on Water Quality (IIWQ) <i>Sarantuyaa Zandaryaa (UNESCO)</i> <ul style="list-style-type: none">• UNESCO-IHP work on science-based policy and regulatory advice on water quality• UNESCO World Water Quality Portal for water quality monitoring via satellite Earth Observation• UNESCO-IHP national focal points on water quality
12:05 – 12:25	WHO - Water Sanitation and Health <i>Kate Medicott (WHO)</i> <ul style="list-style-type: none">• Drinking water quality monitoring via WHO/UNICEF JMP for SDG 6.1• WHO Guidelines on drinking-water quality & recreational water quality• WHO national focal points regarding Water Quality
12:25 – 12:40	OGC-WMO Hydrology Domain Working Group (HDWG) <i>Scott Simmons (OGC)</i>
12:40 – 13:00	WMO Water Quality Long-Term ambition <i>Tommaso Abrate (WMO)</i> <ul style="list-style-type: none">• WMO Water Quality Long-Term ambition• WMO Regulatory and guidance material on Water Quality• WMO national focal points regarding Water Quality
13:00 – 13:20	What are the countries' gaps and needs regarding Regulatory and Guidance material on Water Quality observations, management and sharing? <i>Fred Nyongesa (Water Resources Authority, Kenya)</i>
13:20 – 13:40	What is a synergized system we want to agree on? & What is the added value of working together on WQ Regulatory and guidance material? <i>UNEP</i>
13:40 – 13:50	Workshop Day 2 Moderated Discussions
13:50 – 14:00	Closing

Workshop Series on Water Quality Monitoring

Opening Workshop

Day 2: Coordinated operational support to UN Member States & WWQA

Time (UTC)	Agenda Item
11:00 – 12:15	<p>Moderated discussion</p> <p>Coordinated operational support to UN Member States and WWQA – Part 1</p> <p><i>Identifying potential synergies and mutual contributions between WMO-UNEP-WHO-UNESCO on water quality data observations, management and sharing</i></p> <p>Moderator: Johannes Cullmann (WMO)</p>
12:15 – 13:30	<p>Moderated Discussion</p> <p>Coordinated operational support to UN Member States and WWQA – Part 2</p> <p><i>Defining a WMO-UNEP-WHO-UNESCO coordination mechanism on water quality data observations, management and sharing</i></p> <p>Moderator: Wanjiku Njuguna (UNEP)</p>
13:30 – 13:45	Coffee break
13:45 – 15:00	<p>Moderated Discussion</p> <p>Coordinated operational support to UN Member States and WWQA – Part 3</p> <p><i>Identifying the steps for the development of a joint WMO-UNEP-WHO-UNESCO work plan</i></p> <p>Moderators: Kate Medicott (WHO)</p>
15:00 – 15:40	<p>Moderated Discussion</p> <p>Proposed series of workshops in 2022-2023: Ideas and Prioritization</p> <p>Moderators: Nina Raasakka (UNEP)</p>
15:40 – 15:50	Workshop Day 3
15:50 – 16:00	<p>Closing</p> <p>Johannes Cullmann (WMO)</p>

Workshop Series on Water Quality Monitoring

Opening Workshop

Day 3: Water Quality Data Interoperability Experiment

Time (UTC)	Agenda Item
11:00 – 11:05	Opening <i>Tony Boston</i>
11:05 – 11:10	Introduction <i>Silvano Pecora</i>
11:10 – 11:50	Water quality data in practice <i>Philipp Saile, Dwane Young & Sylvain Grellet</i>
11:50 – 12:10	WHOS & Discovery and Access Broker (DAB) technology <i>Igor Chernov & Enrico Boldrini</i>
12:10 – 12:50	Moderated discussion Interoperability and interconnection of the existing Water Quality Data Systems Moderator: <i>Sylvain Grellet</i>
12:50 – 13:00	Coffee break
13:00 – 13:30	Water quality Ontology and WaterML-WQ <i>Simon Cox</i>
13:30 – 14:30	Moderated discussion Identifying how to support the WaterML development in the domain of Water Quality: API identification and usage, WQ taxonomies/ontologies improvement and endorsing an international standard on Water Quality data exchange Moderator: <i>Philipp Saile</i>
14:30 – 14:45	Water Quality Data Interoperability Experiment <i>Silvano Pecora</i>
14:45 – 15:30	Moderated Discussion Defining the Roadmap for the Interoperability Experiment of water quality data with pilot use cases Moderator: <i>David Blodgett</i>
15:30 – 15:50	Way forward for the Roadmap <i>David Blodgett & Sylvain Grellet</i>
15:50 – 16:00	Closing <i>Johannes Cullmann</i>