

Update from the WWQA Coordination Team

Report on achievements so far and reflecting on United Nations Environment Assembly (UNEA) process – including interlinkages across workstreams and outlook on the role of water in the new Medium-Term Strategy (2022-2025 UNEP)

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Emergence: World Water Quality Alliance; Assessment and Service Platform - History, Status, Projection

2018 WWQA request for Expression of Interest – UN Water and external (80 approached; 50+ positive responses)

9/2019 WWQA 1st official global Meeting Joint Research Centre of the EU Com., Ispra, Italy

WWQ Alliance WGs 2019- 2020 ff and cont. GEMS & IMI (SDG 6) data drives

UNGA Resolution: Towards "midterm compr. impl. review of the International Decade for Action, 'Water for Sustainable Development' 2018-2028" > 2023 UNEA 6 & UN-Water Conf. NY

Globe WQ - DPSIR - approach (2019-22)...

3 African Use Cases

WWQA, Data/Hotspots Co-design test 2019-21

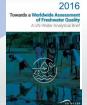
(Volta, Victoria, Cape Town)

UNEP/EA3/Res 10 **Dec 2017 - WWQA**

Mandate

Snapshot Report





& Analytical Brief

UNEP/UN Water 2016

Inception WMO/UNEP, Geneva Nov 2018 - Mapping of expertise/activities -World Water Quality Alliance is proposed



(GEMStat, WISE, HYCOS, MCH/WHOS-WMO, GRDC, IGRAC, SDG data drives Baseline. **NEXUS-Causal** Chains. Scenarios Remote sensing, EO, IIASA, PBL. .. missions, JRC, NASA, Copernicus, AfriAlliance

Data Fusion Innovation: Data/Remote Sensing (EO)/ Model driven; Water Quality Baseline – UNEA 5; long term operationalisation in GEMS/Water; 10 + Pilot Cases - aligning Snapshot/WWQA/IMI (SDG6) (Platform and pilot cases Full WWQA, scenarios, platform; UNEA 6 (2023)



WQ Assessment, Urban WQ Engagement Platform, Climate, Groundwater, Health...

Calls for new workstreams (affil.)



Interlinkages across Workstreams





Workstreams for the year 2020

Friends of Groundwater

Ddeveloping a global perspective paper on the assessment of groundwater quality

Use cases,
Assessment &
Product
Development

The Volta use caseLake Victoria use case

- The Cape Town aquifer use case

Social
Engagement &
Friends of
Urban Health &

Cities
A platform for water quality

Water Quality

Modelling

and related challenges and solutions

The numbers indicate the number of collaborators

World Water Quality Assessment

On the ground monitoring

Remote sensing with a focus on satellite observations and products

Water Quality & Health

SARS-CoV-2 Monitoring Wastewater has emerged as a reliable indicator of the presence

of SARS-CoV-2.

Emerging water pollutants Impacts of emerging water pollutants such as nitrogen, microplastics, and antimicrobial resistance (AMR).

Knowledge to Practice project

Knowledge to Practice project links water quality to health.



Ecosystems

The Ecosystem Group and
Task Force of the Alliance has
developed a draft concept
note and engaged in online
efforts to raise awareness of
water quality in the context
of ecosystem restoration

8

Plastics

Finalizing a publication containing guidelines for the harmonization of methodologies for monitoring plastics in rivers and lakes

37 Capacity

Development

Consortium

Fostering water quality

capacity development is a critical country demand



Medium Term Strategy (MTS) -under consideration

