World Water Quality Alliance meeting
Ispra 16-18th September 2019

Groundwater Quality
as part of
World Water Quality Alliance and Assessment
- Proposal for Work Plan -

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Proposal for Work Plan

• Building on experiences and outcomes of existing GQ initiatives,
• Developing short white paper (5-10 pages max) outlining main issues and potential work programme (until end 2020), inc.:
  • overview of groundwater quality monitoring programmes at national level in selected countries,
  • institutions, purpose & content, parameters, methodology, availability and accessibility, state and trends,
• Cooperating with WB on socio-economic issues re GQ,
• Contributing from GQ@WWQA to 2022 WWDR “Groundwater: Making the Invisible Visible”,
Proposal for Work Plan (cont.)

• Incorporating outcomes from “use cases” into regional assessments, upscaling,

• Moving towards proposal for:
  • Global data base hosting/linking existing GQ data and information at national levels (data, links, docs),
  • One-stop-entry-platform to access existing online portals, interactive, continuously updated map of main pressures and issues around the world,
  • Providing incentives for academia, industry, Govt agencies, NGOs etc. to contribute to portal content,
  • Guidance on measures to mitigate and prevent groundwater pollution,
  • Modelling global GQ through upscaling tools, such as machine learning,
  • Engaging with national level (Govt agencies, NGOs, private sector), discuss assistance packages, develop capacity, share national data, provide other support as needed,
  • Engaging with national and local level actors for awareness raising on GQ (e.g. field test kits),
  • Encouraging development of innovative technologies for high tech / low cost sensors, ...