EUROqCHARM

"Presenting Euroqcharm project outcomes to foster global database synchronization"

Matteo Vinci, Maria Eugenia Molina Jack; National Institute of Oceanography and Applied Geophysics - OGS

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EUROqCHARM quick recap

- The **EUROqCHARM** consortium wants to:

- **analyze and evaluate** existing **methodologies for plastic pollution assessment**

- **harmonize** them on a **European level…**

- **…keeping the link with Global Stakeholders, plastic pollution is a Global concern!**

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European and Global interactions

- European level:

  - **TGML participation; central marine litter data management role at EU level**

- Global level:

  Keeping **active contacts and fruitful interactions with the international/global relevant stakeholders/initiatives** :

  - **IMDOS** paper and community (Oceanobs conference '19 and paper)
  - **Global Partnership on Plastic Pollution and Marine Litter** (https://www.gpmarinelitter.org/ ; MoU, CoPs,...)
  - **Ministry Of Environment Japan - G20 microlitter data management prototype (**invited as experts**)**
  - **IODE- OBPS** (https://www.oceanbestpractices.org/ ; sharing guidelines and best practices)

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Synchronisation of European procedures on a global level and alignment with existing approaches and databases: Assumptions

EUROqCHARM (defined as a CSA initiative):

Focus on:

- **critical revision** of **literature** and **existing measurement methods**
- laboratories procedures comparisons
- laboratories capacity building
- results are : **Reproducible Analytical Pipelines**, evaluation of **Technological Readiness** of methods, **Intercalibration Laboratory Studies**, **capacity building** exercises
- **less (or no) focus** on new **datasets generation**… **is this a bad news?! We don't think so!**

Link with **data management**: good chance for **review, improve and align existing or emerging DM infrastructures**
- Focus on:
    - **data and metadata** → **clear** and **agreed** definition of **mandatory info for monitoring purposes**
    - **common vocabularies upgrades** (following expert revisions of measurement methods)
    - **standards/formats evolution** (e.g. microlitter young, evolving, hot topic with emerging needs like **a reliable QA/QC set of information**)
- less focus on data standardization and gathering, more focus on **improving data management strategy and tools at national, international and global level!**

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Webinar: "Presenting Euroqcharm project outcomes to foster global database synchronization"

Data management experience and lessons learned:

- Data management can provide a **harmonized common framework for data reporting** but **cannot fix misalignment or heterogeneity due to not comparable monitoring methods**

Data management needs and good chances to improve:

- **Commonly agreed best practices** shared at global level (e.g. through IODE-OBPS and/or GPML and/or other relevant platforms)

- **Comparable datasets with reliable sets of metadata and data** necessary for a comparison at National→Regional→Global level (e.g.: ongoing work for microlitter with colleagues from MOEJ)

- Agreement/Clear indications based on experts critical revision about:
  - **recommended measurement methods** (criteria of **reliability** and **wide spread of use**)
  - **mandatory sets of metadata and data for monitoring purposes (at least)**

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Webinar program: "Presenting Euroqcharm project outcomes to foster global database synchronization"

- 8:30: General introduction (5-10 min)
- 8:40 WP1 - "Screening and analysis of existing methods and protocols for plastic pollution monitoring" - (20 min presentation + 10 min questions/discussion)
- WP1 dedicated Zoom poll (5-10 min)
- 9:20 WP2 - "Validation of methods for plastics analysis in environmental samples" (20 min presentation + 10 min questions/discussion)
- WP2 dedicated Zoom poll (5-10 min)
- *10:00: Comfort break (15 min)*
- 10:15 WP3 - "Harmonisation: Integrate recommended procedures with policy, legislation and risk assessment " (20 min presentation + 10 min questions/discussion)
- WP3 dedicated Zoom poll (5-10 min)
- 10:55 WP4 -" Capacity building " (20 min presentation + 10 min questions/discussion)
- WP4 dedicated Zoom poll (5-10 min)
- 11:35 Further sharing and discussions on the whole webinar (15 min)
- 11:50 Conclusions/closure (15 min)

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www.euroqcharm.eu

euroqcharm@niva.no

Twitter account @EUROqCHARM

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Thanks for your attention!