

Proposals for NORMAN Joint Programme of Activities 2025

Title	Past, present and future of bioactivity data
Type of activity	Workshop
Leader	Tessa Pronk (KWR) Jaroslav Slobodnik (EI) Valeria Dulio (Ineris) Miina Yanagihara (KWR) Peter C. von der Ohe (UBA)
Topic / activities	<p>Background / Justification for the proposed activity:</p> <p>Bioactivity data are responses of in vitro/in vivo assays to single chemicals. The in vitro/in vivo assays represent a specific effect, related to the functioning of cells, organs, individuals and ultimately the system as a whole. These bioactivity data are of interest to NORMAN for the interpretation of monitoring data (e.g. iceberg modelling) and the assessment of chemical water quality.</p> <p>Currently, these data are being collected in the new bioactivity database (BADB), which is intended to be a highly valued resource that enables different types of research in effect-based chemical water quality monitoring. Now, with >1000 entries it starts to take good shape. To accelerate feeding of contents and inspire the use of the BADB, this workshop will be organized in 2025 for all interested NORMAN Members and other potential users.</p> <p>Description of the proposed activity and expected outcomes for 2025:</p> <p>The workshop on bioactivity data research will</p> <ul style="list-style-type: none"> - showcase several lines of research that can be done with this type of data (iceberg modelling for mixture toxicity assessment, trigger value derivation for water quality monitoring, potency ranking, etc.) with presentations - Enables a discussion for new applications - Enables a discussion on relevant links of the BADB to other datatypes and databases - Lead to a research paper on bioactivity data and its past, present, future <p>The workshop will take a half day to a full day, including lunch. The place is to be announced. The timing and location should preferably be back to back with another, related event (e.g. NORMAN WG meetings).</p> <p>Added value / Link with other NORMAN activities and / or other projects</p> <p>This activity has links to the BADB of NORMAN, WP2 (bioassays), WP1 (prioritization) and the NORMAN database system (to be further discussed in the workshop).</p>
Participants	NORMAN members
Proposed contribution	<p>in-kind</p> <p>Lead: Take the lead in writing a scientific paper on bioactivity data. Participants: travel + accommodation costs.</p>
Contribution needed from NORMAN Association¹	5000 Euro (to cover organisation, rent and catering)

¹ Please, provide here a transparent justification of the requested resources and of the in-kind contribution, thereby distinguishing between the costs associated with “person-months” for the organisation, the “travelling costs” for invited speakers and the costs for the logistics (e.g. meals, room rental etc.)