

List of scientific activities organised by the NORMAN network in 2012

The Steering Committee has approved a budget of 182 000 € for 2012, based on the expected income from membership fees of the Founding and Ordinary members. These resources will be allocated for scientific and coordination activities (including website), and regular updating and maintenance of the databases.

NOTE: The Joint Programme of Activities of the NORMAN network is financed by the contributions of its members (membership fees and in-kind contributions of the members), always with a view to maximising synergies between research teams in the field of emerging substances.

The list of approved scientific activities for 2012 is as follows:

Databases:

- Maintenance, upgrade and feeding of new data in the NORMAN databases (Environmental Institute), including:
 - Uploading of data in EMPODAT modules on bioassays
 - Development of automated procedures for upload of data from other databases (xml protocols)
 - Organisation of an annual meeting of database experts nominated by the members of NORMAN/data providers – harmonisation and automation of data sharing procedures (**Berlin/Dessau, autumn 2012**)
- Further development and maintenance of MassBank to support identification of unknowns (as part of EDA Working Group) (UFZ):
 - Setup of the NORMAN MassBank Portal / Customising of MassBank to NORMAN style
 - Development of an automatic upload procedure for Orbitrap data
 - Development of an automatic procedure for upload of other instruments data
 - Organisation of a NORMAN MassBank demonstration and training workshop (planned Nov 2012, as satellite event of the NORMAN workshop AW-3 in Amsterdam, see List below)
 - Upload of NORMAN partners' standards spectra
 - Fine-tuning Upload/Data/Tools, Documentation/Report.

Scientific activities:

SWB	NORMAN Bulletin on emerging substances (4 th issue) and collaboration with the journal "Environmental Sciences Europe" (ESEU) – submission of high quality manuscripts/contributions from members of the network for publication in ESEU, starting with at least two submissions per year
WG-1	Working group N°1: Prioritisation of emerging substances (on-going activity) (INERIS)
WG-2	Working group N°2: The value of bioassays and biomarkers in water quality monitoring programmes (will be re-launched this year) (University of Aachen)
WG-3	Working group N°3: Effect-directed analysis for hazardous pollutant identification (on-going activity) (UFZ)
WG-4	Working Group N°4: Engineered nanoparticles (BfG) Organisation of a Working Group internal workshop on: "Transfer of nano TiO ₂ , Ag and C60: From wastewater to river sediments" (EAWAG, Zurich, 18-19 October 2012)
AW-1	Workshop N°1: "Micropollutants, metabolites and mixtures in drinking water and its sources – Toxicity assessment & regulatory aspects" (KWR, IWW, activity from JPA 2011,

	postponed by the organisers to mid- 2012)
AW-2	Workshop N°2: "Challenges for sampling and analysis of emerging contaminants" (NIVA, activity from JPA 2011, Oslo, 1 - 2 March 2012 , see details at www.norman-network.net >> Workshops)
AW-3	Workshop N°3: "Occurrence, fate and effects of emerging pollutants in the environment – chemical analysis and toxicological assessment" (IVM, Amsterdam, 28-30 November 2012 as part of the EDA WG)
AW-4	Workshop N°4: "Contaminants of emerging concern (CEC) and water / waste water re-use aspects" (University of Cyprus, Nicosia, planned for mid-September 2012)
AW-5	Workshop N°5: "Strategies for monitoring biocides in the environment" (UBA Germany, Berlin, 5 - 6 November 2012)
AW-6	Collaboration of the NORMAN network in the organisation of the 7 th European Conference on Pesticides and Related Organic Micropollutants in the Environment and the 13 th Symposium on Chemistry and Fate of Modern Pesticides" (IAREN, Porto, 7 - 10 October 2012)
QA/QC-1	Follow-up of the intercalibration study on passive sampling of emerging pollutants (VUVH): - analysis of results / final report (autumn 2012) - workshop on dissemination of results - EG meeting (back-to-back with dissemination of results) on matching EQS with passive sampling results in the framework of the WFD
QA/QC-2	Negotiation of New Work Item Proposal for methods validation at CEN level: on-going activity at the European Standardisation body (CEN) for the development of the NORMAN validation protocol as CEN Technical Specification (TS) (see details at www.norman-network.net >> QA/QC)

The proposed budget will be revised by the Steering Committee in April 2012. All approved scientific activities will be implemented, independently of the revision of the budget.