

20th EWA International Symposium during IFAT 2020 | Munich, Germany, 6-7 May

1st announcement and call for abstracts

„Integration of the Water Sector
in the Circular Economy,,

**Deadline for
Abstract Submission:**
20 October 2019





Water has been traditionally considered in a linear approach (water is withdrawn, then used, and finally discharged directly or via wastewater treatment facilities). This linear approach (based on the paradigm “take-use-discharge”) appears to be unsustainable. The current and future transition towards the implementation of the principles of the circular economy offers opportunities and challenges to reconsider the management of the whole water sector for long-term sustainability and efficiency, taking into account technical, economical, and social dimensions.

The 20th Anniversary Edition of the EWA International Symposium at the IFAT 2020 is looking for speakers and poster authors to propose and inspire new paradigms, innovative options, and feasible solutions orientated towards the effective and suitable integration of the water sector in the circular economy. Researchers as well as practitioners are encouraged to submit abstracts for the Symposium themes

Symposium Themes

Theme 1: Value of Water

[state of water infrastructure and fragmentation in the water sector; value of water services (water infrastructure included); water as a resource, a service, a carrier, a source of energy; valorization of water infrastructure; water footprints for products and systems; perception on water and water issues of consumers and citizens]

Theme 2: Water Reuse

[reasons for water reuse; treated wastewater as a natural alternative water source in conditions of increasing water stress; processes of tertiary wastewater treatment for achieving water quality suitable for reuse; development in international and EU legislations for water reuse; successful case stories of water reuse (in agriculture, irrigation of urban greenery, control of heat islands in cities); water recycling in industry; indirect and direct water reuse for potable purposes]

Theme 3: Sludge Management and Use

[future of agricultural use of sewage sludge: valuable fertilizer vs. dangerous contaminant (pollutants in sludge?); sludge hygienization; sludge as energy source (intensification of anaerobic digestion, sludge disintegration); feasible alternatives to sludge land application (drying, thermal processing); phosphorus recovery potentials and processes; harmonization of national, EU, and international legislative approaches to sludge management and use]

Theme 4: Blue and Green Infrastructure in Urbanized Areas

[nature based solutions; treatment necessities and possibilities of water for the use in blue and green infrastructure; hygiene aspects; water sensitive urban design; low impact develop; integration of stormwater and greywater reuse; multi-functionality of water infrastructure; transitioning towards green-decentralized water infrastructure; integrated modelling of green and blue infrastructure design, operation, and maintenance; examples of good practice]

Theme 5: Economy of the Integration

[cost recovery; cost of upgrading wastewater infrastructure, water reuse, and recycling; economic approaches through water and energy integration; life-cycle approaches; water-energy nexus; financial and other instruments; cost of sewage sludge disposal]

Symposium Technical and Scientific Committee (STSC)

F. Arimia (RO), I. Blackwell (UK), P. Goethals (BE), K. Kovacs (HU), J. Lens (BE), J. Londong (DE), F.M. Ferreira (PT), M. Patziger (HU), F. Tatàno (chairman, IT), I. Vidakovic (HR), J. Wanner (CZ), C. Werey (FR), P. Willems (BE).

Call for Abstracts

Deadline for submission of abstracts: 20 October 2019. The official language will be English and all contributions must therefore be written and presented in English. Proposals in other languages will not be considered. The submitted abstracts will be evaluated and selected for oral presentations and for a poster book by the “STSC, Symposium Technical and Scientific Committee” (members of the “ETSC, European Technical and Scientific Committee” at the EWA). Differently from a traditional poster way, the poster book will consist of a pamphlet containing the contributions selected as posters, which will be made available in print to participants during the Symposium/IFAT 2020, and electronically afterwards. Criteria for selection include correspondence to the Symposium themes, originality, project/research status, technical and/or scientific content, benefits, significance, appropriate case studies, and quality. Presentations of a purely commercial nature will not be accepted. The EWA Secretariat will notify authors of acceptance by 30 November 2019.

The selected authors will be required to submit the following to the EWA Secretariat:

Authors selected for oral presentations:

- **1st February 2020:** A short abstract/highlight of the oral presentation and (optional) a photo of the presenter. The highlight with photo will be published on the EWA Website (www.ewa-online.eu) and used for promotion of the Symposium.
- **1st of April 2020:** The full oral presentation as a pdf. After the event, all the presentations will be made available on the EWA Website.

Authors selected for poster presentations:

- **1st March 2020:** Content for the EWA Symposium Poster book according to the instructions provided by the EWA Secretariat.

Submission of Abstracts

Abstracts related to the Symposium Themes mentioned above should be submitted as a Word or PDF file attachment at latest by 20 October 2019 by e-mail to:

olsen@ewa-online.eu

(Maj Britt Rosenmeyer Olsen, Symposium Secretariat - European Water Association
Theodor-Heuss-Allee 17, D-53773 Hennef, Germany,
Phone +49 2242 872 189, Fax +49 2242 872 135)

Abstracts (at least one but no more than two full pages) should be structured with the following order: Title; Authors and Affiliations; Keywords (maximum of 5); Abstract text. Authors of accepted abstracts, who do not fulfil the aforementioned requirements within the due dates, will be replaced in the program. All authors will be responsible for paying their own expenses for travel and accommodation to the Symposium. There is no participation fee for the authors. With the abstract submission by e-mail, the following “Abstract Submission Form” should be completed and inserted in the corresponding e-mail message.

Symposium Secretariat:

Maj Britt Rosenmeyer Olsen

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Technical-Scientific Info:

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Abstract Submission Form

Presentation Title: _____

Leading Author (who will present the paper at the Symposium): _____

Organization/Company: _____

Address: _____

City/State or Province/Zip/Country: _____

Phone: _____ Fax: _____ E mail: _____

Co-authors: _____

Suggested Symposium Theme	1	2	3	4	5
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Preferred form of Presentation	Oral	Poster
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