



## **WEF Residuals and Biosolids Conference 2020: Creative Approaches to Managing Biosolids in an Uncertain Future**

March 31 – April 3, 2020  
Minneapolis Convention Center  
Minneapolis, Minnesota, USA

**ABSTRACT SUBMITTAL DEADLINE: October 2, 2019**

This conference is organized by the Water Environment Federation in cooperation with the Central States Water Environment Association.

---

Changing public acceptance, regulatory constraints, utility sustainability and resiliency goals, and climate changes create uncertainty for the long-term planning, implementation, operation, and maintenance of a successful biosolids and residuals management program. Developing technologies provide new tools but can also add to the uncertainty. Creative approaches are needed to best meet and allow the flexibility to address these challenges. Strategies that include successful current innovations and best practices, creative approaches to providing flexibility and resiliency, technological advances, and effective and new approaches to product marketing and public communication will all contribute to the long-term success of a biosolids and residuals management program.

The Conference Steering Committee is soliciting case study, research, technology, operations, regulatory, environmental, communications and management abstracts to develop oral and poster presentations, panel discussions, and pre-conference workshops. It is requested that the abstract be submitted to the topic that best represents the main focus of the proposed paper. Conference topics being considered include the following:

- |   |  |
|---|--|
| A. Innovations in Biosolids & Residuals Treatment & Use | H. Side Stream Management & Whole Plant Considerations                 |
| B. Troubleshooting & Optimizing Biosolids Processes     | I. Nutrient & Resource Recovery  |
| C. Case Studies in Biosolids Management Success         | J. Regulatory & Environmental Drivers                                  |
| D. Microconstituents & Emerging Issues                  | K. Energy Recovery & Production  |
| E. Thickening & Dewatering                              | L. Effective Communication & Outreach                                  |
| F. Thermal Processes                                    | M. Land Application and Management – Closing the Loop with Agriculture |
| G. Digestion & Stabilization, Fundamentals & Advances   | N. Research  |
|   | O. Economic Drivers & Cost Recovery                                    |
|   | P. Odors   |

**Abstracts must be submitted online no later than midnight Eastern time on October 2, 2019.**

To submit, go to: [www.wef.org/ResidualsBiosolids](http://www.wef.org/ResidualsBiosolids)

If you would like more information on submitting an abstract, please see our Speaker Information page: [www.wef.org/sc-speaker-information](http://www.wef.org/sc-speaker-information)

***The Selection Criteria and Contact Info are on the Following Page***

Abstracts will be evaluated and ranked for selection based on their total score using criteria in the following table:

<b>Abstract Evaluation Criteria</b>					
<b>Scoring Level</b>	<b>Originality</b>	<b>Status of Project</b>	<b>Technical Content</b>	<b>Benefits &amp; Significance</b>	<b>Quality</b>
1	Nothing new	Just an idea with no plan or results to evaluate	Just a concept	Of no interest to audience	Minimal text, limited discussion of project
2	Chance of small improvement	Idea with well-developed plan but no results	Well defined concept and clear objectives	Modest benefit to focused audience	Clear relevant text but no tables or figures
3	Modest incremental improvement	Interesting results but much work remaining	Well defined concept, clear objectives and methods	Modest benefit to broad audience	Clear text and either one table or figure
4	Very significant incremental improvement	Preliminary results demonstrating good potential for success	Clear objectives and methods. Outcomes suggested but not fully described	High interest and benefit to focused audience	Clear text with figures and tables but presentation or logic could be improved
5	Potential breakthrough	Idea fully developed, plan completed and well documented results	Clear objectives, methods described, and (anticipated) conclusions outlined	Broad benefits to broad audience	Well written logical text with high quality figures and tables

### **Abstract Preparation and Submittal**

Abstracts must be submitted prior to midnight eastern time on October 2<sup>nd</sup> via WEF's online submittal portal at [www.wef.org/ResidualsBiosolids](http://www.wef.org/ResidualsBiosolids).

Abstracts should be a maximum of 9000 characters (approx. 1000 words) with the option to upload figures and tables separately, which is encouraged. Selected abstract authors will be notified in November and will need to complete a final manuscript. Manuscripts will be subject to revision or rejection if lacking in quality. In accordance with policy, accepted authors who do not submit a manuscript by the required deadline will be removed from the program.

Presenters are expected to register for the Conference and pay the appropriate registration fee. No travel or assistance funds are available for speakers.

***For Questions or Additional Information Please Contact:***  
 Water Environment Federation  
 Education and Training – WEF Residuals and Biosolids 2020  
 Email: [Biosolids2020@wef.org](mailto:Biosolids2020@wef.org)  
 Phone: 703-684-2400, ext. 7450