

# Iowa Water Environment Association



## 2018 Research Grant Program Call for Proposals and Instructions for Submission

The Iowa Water Environment Association (IAWEA) research committee seeks proposals for IAWEA's 2018 Research Grant Program. Proposers are invited to submit on topics consistent with IAWEA's mission for education and advancement of water quality in Iowa.

The Research Program seeks to fund innovative research projects that will significantly advance understanding of water quality related to wastewater and storm water treatment/operations, conveyance and biosolids related topics. Topics in original research or that takes existing research to a further level of completion, resulting in scientific understanding and practical solutions to wastewater challenges are encouraged. Funding may be used for new projects or to continue/expand an existing work.

The successful team(s) will present their projects at the IAWEA annual conference in June 2019.

### Process and Evaluation Criteria

Selection of research proposals is a competitive process. Proposals are reviewed by IAWEA's Research Committee and recommended to the IAWEA board for approval. Proposals will be evaluated on the following criteria:

- Iowa-based research project
- Technical, scientific, or operational merit. Explain the basis for technical achievability and include relevant research by proposer and/or others to date. Indicate both near-term or long-term applicability in the field.
- Originality of concept
- Quality and soundness of objectives
- Significance of the proposed research and its likelihood to significantly advance relevant knowledge and understanding of the topic and to provide relevant information needed for subsequent use in the field.
- Relevance to Iowa challenges; including but not limited to the following:
  - Aluminum water quality standards
  - Nutrient removal
  - Resource recovery such as biogas to energy
  - Wet weather challenges
- Qualifications of proposer(s) including subject-matter knowledge, experience, and demonstrated ability

### Funding

IAWEA expects to award up to a total of \$10,000 under the 2018 Research Program. The number of awards made shall be based on the number of proposals received, proposal merit, and funds requested. Grant funds shall not be used for indirect costs associated with proposer organization.

### **Project Schedule**

Submissions are due May 11, 2018 with project awards announced the first week of June after the 2018 IAWEA Annual Conference and projects to begin by Fall 2018. Projects shall be complete by June 1, 2020, unless sufficient justification is provided for a longer duration.

### **Project Deliverables**

At conclusion of project, the project team shall submit a short report and present at the IAWEA annual conference in June 2019 (or June 2020 if a two-year project).

### **Instructions for Submission**

Proposals must be submitted electronically to IAWEA Research Committee Chair Mike Roth at [mroth@hrgreen.com](mailto:mroth@hrgreen.com) by 11:00 AM on May 11, 2018.

1. Page Limit: maximum five (5) pages (not including Curriculum vitae(s))
2. Each proposal shall include the following sections:
  - a. **Project Rationale and Significance:** Provide importance and relevance of proposed research. Include summary of current state of knowledge of subject and describe potential outcome of proposed research.
  - b. **Project Objectives/Design:** Describe the specific objectives that will be addressed, briefly outline project approach, design, and procedures that will be used to achieve the objectives.
  - c. **Proposed Budget:** Indicate the total amount requested from IAWEA and describe how the funds will be used for the proposed work. Provide itemized list of major expenses. Indicate if the proposed project will include funding from other sources.
  - d. **Proposer Information:** Include names and organization(s) of key individuals involved in the project. Briefly include relevant information, experience, and abilities. Curriculum vitae of team leader shall be included. Curriculum vitae of other team members may be included optionally. Note the leader of the team, providing contact information (phone/email) for the team lead.

### **Questions and Information**

For questions, contact IAWEA Research Committee Chair Mike Roth at [mroth@hrgreen.com](mailto:mroth@hrgreen.com)