

**35th Annual Innovative Approaches to Wastewater Operational Problems Conference**  
Registration Form (Detach and Mail)

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_ Email: \_\_\_\_\_  
 ENCLOSED  \$65.00 In Advance  \$75 At the Door  \$20 Student

Pre-registration must be received by January 30, 2018. **No purchase orders** will be accepted.  
 For online registration: [www.cswea.org/minnesotaevents/](http://www.cswea.org/minnesotaevents/) (payment must accompany registration)

Remit payment and this form to: MN Section CSWEA  
 400 2nd Street South  
 St. Cloud, MN 56301

CSWEA Member  MWOA Member  Student

**Attn:**  
**Innovative Approaches Conference**  
 MN Section CSWEA – City of St. Cloud  
 400 2nd Street South  
 St. Cloud, MN 56301

**35<sup>th</sup>** ANNUAL INNOVATIVE  
 APPROACHES TO WASTEWATER  
 OPERATIONAL PROBLEMS

*Resource Recovery  
 and Energy Efficiency*



**KEYNOTE SPEAKER**  
**Dr. Matthew Julius,**  
 St. Cloud State University

**Tuesday February 6, 2018**  
 Holiday Inn, 75 37th Ave St. Cloud, MN



[www.cswea.org](http://www.cswea.org)



[www.mwoa.net](http://www.mwoa.net)



Six Wastewater Contact Hours or 6 CEU MPCA Approved  
**Awarded for Attendance**

**REGISTRATION**

Advanced Registration must be received by  
**January 30, 2018**

Pre-Registration: \$65  
 Late Registration/At The Door: \$75  
 Retirees/Students: \$25

Fees cover the conference and lunch.

If you have any special health or mobility needs, please  
 attach a note to your registration form.

Registration is personal, nontransferable and is made for  
 the entire day of the conference. A full refund of the fee will  
 be made if the registration is cancelled 48 hours in advance  
 of the conference. No refunds due to inclement weather or  
 refunds after the conference for any reason.

**PLANNING COMMITTEE**

Carol Mordorski \_\_\_\_\_ Chairperson  
 Tim Wedin \_\_\_\_\_ Past Chairperson  
 Kathy Crowson \_\_\_\_\_ Awards Chair  
 Tim Korby \_\_\_\_\_ Treasurer

Paul Herubin      Jason Peterson      Susan Danzl  
 Corey Mathisen      Ben Lao      Pat Shea  
 Jim Miller      Stephen Norton      Alison Sumption

**FOR MORE INFORMATION CONTACT:**

Carol Mordorski, Chair (651) 270-3205  
 Laura Schwantz, Registration (320) 255-7225  
 Holiday Inn Information (320) 253-9000 / (800) 465-4329

35<sup>th</sup>ANNUAL INNOVATIVE  
APPROACHES TO WASTEWATER  
OPERATIONAL PROBLEMS

SEMINAR February 6, 2018, Holiday Inn

## PROGRAM

8:00-8:45 AM **REGISTRATION** – Laura Schwantz7:30 – 8:15 AM **CSWEA Minnesota Section  
Business Meeting**  
General session room  
Tim Wedin

## OPENING

8:45 AM **Welcome**  
Tim Wedin,  
MN Section CSWEA Chair  
  
Kay Curtin, MWOA President8:55 AM **Introduction**  
Carol Mordorski, Innovative Committee Chair

## GENERAL SESSIONS

Moderator: Carol Mordorski

9:00 - 9:35 AM **R2E - Resource Recovery and Energy –  
A Commitment for the Future**  
Samuel Lobby, Environmental  
Compliance Specialist City of St. Cloud9:40 - 10:10 AM **Innovative Sources of Funding  
for Wastewater Projects**  
Greg Ackerson, Apex10:15 - 10:30 AM **BREAK**

## SESSION A - OPERATIONS PROCESSES

Moderator: Ben Lao

10:30 AM **Cogeneration System Project  
at Winona WWTF**  
Paul Draskowski, City of Winona11:00 AM **Prevent Struvite & Scale Issues  
by Flipping A Switch**  
Bjorn Pierson, Hydroflow Midwest11:30 AM **Advanced Nutrient Recovery in Austin**  
Chad Heard and Brian Richichi,  
City of Austin MN / Clearas

## SESSION B - REGULATORY/ SAFETY/ LABORATORY

Moderator: Jason Peterson

10:30 AM **Updates in Water Law**  
Jeremy Greenhouse, Environmental Law Group11:00 AM **Minnesota River Eutrophication  
Standards and Implementation**  
Matthew Lindon, MPCA11:30 AM **Regulatory Update: Salty Parameters**  
Scott Kyser, MPCA

## SESSION C - COLLECTION SYSTEM

Moderator: Tim Korbly

10:30 AM **UV Sanitary and Watermain Lining**  
Mike Emerson, J C Dillion Inc.11:00 AM **Innovative Lift Station  
& Manhole Rehab Technologies**  
Mitch Regal, Innovative Technologies11:30 AM **Sewer Lining Innovations**  
Mitch Hoefl, PE, Aegion/Insituform12:00 **LUNCH**1:00-1:15 PM **Operations Awards Update**  
Acknowledgements  
Moderator: Jim Miller

## KEYNOTE SPEAKER

Moderator: Carol Mordorski

1:15-2:15 PM **Unwrapping Nature's Smallest Gifts,  
New Products and Opportunities  
from Microbial Species**  
Dr. Matthew Julius, Dept of Biological Sciences  
St. Cloud State University2:15 PM **BREAK**

## CHAPTER PROJECT REPORTS

Moderator: Pat Shea

2:30 PM **Wade Klingsporn & Vermilion  
Water Resource Students**2:45 PM **Gregg Kropp**  
Instructor, Water Environment Technologies  
St. Cloud Technical & Community College

## QUICKIES

Moderator: Paul Herubin

3:05 PM **Gold N Plump/Pilgrims  
WW Reuse Project Update**  
Brian Mehr, Gold N Plump3:12 PM **Total Water Re-use Project in Minnesota**  
Ashley Hanmerbeck, PE, Donohue & Associates3:19 PM **Colilert®18 Enzyme Substrate Coliform  
Test for Wastewater Treatment Facilities**  
Julie Macor, Lab Manager WLSSD3:26 PM **Use of ATP for Poor Performing Filters**  
Samidha Junghare, Process Engineer WLSSD3:33 PM **Improve Dewatering with HydroFlow  
and Polymer Reduction**  
Bjorn Pierson, Hydroflow Midwest3:39 PM **Pre-Rostal Self Cleaning Wet Wells**  
Chad Kubasch, Minnesota Pump Works

## CLOSING AND DOOR PRIZES

Moderator: Tanya Schmidt

4:00 PM **Closing Remarks –**  
Innovative Committee Chair**Door Prizes**

## ABOUT THE CONFERENCE

## CONFERENCE DATE AND LOCATION

**Tuesday, February 6, 2018**Holiday Inn  
75 37th Avenue S, St. Cloud 56301**Registration Opens at 8:00 AM**

Arrange for hotel accommodations with Holiday Inn:

Innovative Conference Group Code: **MNW****Holiday Inn Phone: 1(800) 465-4329 • 1(320) 253-9000****The MN Section CSWEA/MWOA are committed to the policy  
that all persons shall have equal access to its programs,  
facilities, and employment without regard to race, creed, color,  
sex, national origin, or handicap.** If sign language services are  
needed, notification must be received no later than **January 2, 2018.***Due to financial constraints, we are unable to provide on-site services  
for disabled attendees, such as Braille documents. Copies of the  
presentations will be made available on the CSWEA website after the  
conference. We sincerely regret any inconvenience this may pose.*

Today, wastewater facility owners and operators experience increasing expectations to improve efficiency and reduce operating costs, due to tightening budgets. This conference is intended to provide cost-effective ideas for improving performance and reducing operating costs.

## CONFERENCE OBJECTIVES

- ▶ To facilitate produce interactive among personnel in the wastewater industry
- ▶ Exchange innovative operating ideas.
- ▶ Provide ideas to reduce operating costs.
- ▶ Provide Continuing Education Credit Hours

## WHO SHOULD ATTEND?

Representatives from...  
Municipal & Industrial WWTF's  
Contractors  
Equipment Suppliers  
Local, State & Federal Government  
Engineering Firms  
Educators  
Students

## SPONSORS

