**Presentation Title:** An Integrated Approach to Sewer Collection System Management

**Speaker(s):**
- Mark Hill, P.E., Consulting
- Scott Malo, M.E.

**Abstract:**
This presentation will focus on an integrated approach to sewer collection system management, highlighting strategies for:

1. **Integrated Planning:** Developing comprehensive plans that consider all aspects of sewer collection systems.
2. **Data Management:** Utilizing advanced technologies to collect and analyze data efficiently.
3. **Performance Evaluation:** Assessing system performance through regular monitoring and evaluation.
4. **Opportunity Identification:** Identifying opportunities for improvements and investment.
5. **Risk Management:** Implementing risk management strategies to ensure system reliability and safety.

**Keywords:** Integrated Planning, Data Management, Performance Evaluation, Opportunity Identification, Risk Management.

**Time:** 1:40 PM - 2:30 PM

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**Wednesday, April 13, 2011 — Afternoon Sessions**

**Session Title:** Operational Management of Wastewater Treatment Facilities

**Room:** Ballroom A/B

**Session Moderator:** Todd Jordan, P.E.

**Session Title:** Bootstrap 101 Biosolids Management Laboratory Training Operators Training Facility Optimization Safety 101

**Time:** 1:40 PM - 2:30 PM

**Room:** Ballroom A/B

**Session Title:** My SSMP is Done. Now What?

**Speaker(s):**
- Jim Colston, P.E.

**Abstract:**
This presentation will explore the next steps after completing a Site Specific Management Plan (SSMP) for a wastewater treatment facility. It will cover:

1. **Implementation Strategies:** How to effectively implement the SSMP to ensure compliance.
2. **Monitoring and Evaluation:** Establishing a monitoring program to assess performance.
3. **Continued Improvement:** Strategies for ongoing improvement and enhancement.

**Keywords:** Site Specific Management Plan, Implementation, Monitoring, Evaluation, Continuous Improvement.

**Time:** 1:40 PM - 2:30 PM

**Room:** Ballroom A/B

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**Wednesday, April 13, 2011 — Afternoon Sessions**

**Session Title:** Operational Management of Wastewater Treatment Facilities

**Room:** Ballroom A/B

**Session Moderator:** Todd Jordan, P.E.

**Session Title:** How Does My SSMP Measurement Quality Ensure Safety? An Examination of Odors and Corrosion in the Process Water System

**Speaker(s):**
- Megan Sire, City of Auburn
- Megan Yoo, UC Irvine and LACSD

**Abstract:**
This presentation will focus on the examination of odors and corrosion in the process water system, emphasizing the role of SSMP measurements in ensuring safety. It will cover:

1. **Odor Measurement Techniques:** Overview of measurement methods and their importance.
2. **Corrosion Management:** Strategies for preventing and mitigating corrosion.
3. **Safety Implications:** How SSMP measurements impact overall safety.

**Keywords:** Odor Measurement, Corrosion Management, Safety Implications, SSMP Measurements.

**Time:** 1:40 PM - 2:30 PM

**Room:** Ballroom A/B

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**Wednesday, April 13, 2011 — Afternoon Sessions**

**Session Title:** Operational Management of Wastewater Treatment Facilities

**Room:** Ballroom A/B

**Session Moderator:** Todd Jordan, P.E.

**Session Title:** My SSMP is Done. Now What? lessons learned from a First-Hand Experience

**Speaker(s):**
- Jennifer Harrison, J. Harrison Consulting

**Abstract:**
This presentation will share lessons learned from a first-hand experience in implementing and maintaining an SSMP. It will cover:

1. **Lessons Learned:** Key takeaways from the implementation process.
2. **Challenges and Successes:** Overcoming challenges and recognizing successes.
3. **Going Forward:** Strategies for ongoing improvement and compliance.

**Keywords:** Lessons Learned, First-Hand Experience, Implementation, Maintenance, Compliance.

**Time:** 1:40 PM - 2:30 PM

**Room:** Ballroom A/B
### Thursday, April 14, 2011 — Morning Sessions

#### Session Title: Infrastructure Asset Management (Part 1 of 2)

**Title:** Infrastructure Asset Management Workshop (Part 1 of 2)

**Location:** Room # Ballroom A 204

**Speakers:**
- Jeff Machado, HDR, Inc.
- Alan Lau, PROTEUS Consulting
- Zeynep Erdahl, Shane Trussell, Trussell Technologies
- Michael Creel, CARLOO Engineers
- Todd Jordan, CDM
- Michael Falk, PhD, HDR, Inc.

**Presentation Title:**

**Title:** Infrastructure Asset Management Workshop (Part 1 of 2)

**Location:** Room # Ballroom A 204

**Speakers:**
- Jeff Machado, HDR, Inc.
- Alan Lau, PROTEUS Consulting
- Zeynep Erdahl, Shane Trussell, Trussell Technologies
- Michael Creel, CARLOO Engineers
- Todd Jordan, CDM
- Michael Falk, PhD, HDR, Inc.

**Abstract:**

- The Marvels of Smart Data: Lessons from a Concrete Pipe Model.
- The Evolution of Business Intelligence.
- Caltrans' Infrastructure Management - Lessons Learned from an Example of a Large Infrastructure Program.
- Why We Need to Stop Being a Trench Digger and Start Being a Business-Driven Data Developer.

**Technical Sessions:**


**Technical Sessions Details:**

- NA Presentation
- CONSIDER ATTENDING MANAGEMENT WORKSHOP
- 7:50 AM
- **Speaker(s):**
  - NA

**Presentation Title:**

**Title:** Infrastructure Asset Management Workshop (Part 2 of 2)

**Location:** Room # Ballroom A 204

**Speakers:**
- Jeff Machado, HDR, Inc.
- Alan Lau, PROTEUS Consulting
- Zeynep Erdahl, Shane Trussell, Trussell Technologies
- Michael Creel, CARLOO Engineers
- Todd Jordan, CDM
- Michael Falk, PhD, HDR, Inc.

**Abstract:**

- The Impact of Business Intelligence on Infrastructure Asset Management.
- The Role of Business Intelligence in the Infrastructure Asset Management Process.
- The Future of Business Intelligence in the Infrastructure Asset Management Process.
- The Influence of Business Intelligence on Infrastructure Asset Management.
- The Benefits of Business Intelligence in the Infrastructure Asset Management Process.

**Technical Sessions:**


**Technical Sessions Details:**

- NA Presentation
- CONSIDER ATTENDING MANAGEMENT WORKSHOP
- 7:50 AM
- **Speaker(s):**
  - NA

**Presentation Title:**

**Title:** Infrastructure Asset Management Workshop (Part 3 of 2)

**Location:** Room # Ballroom A 204

**Speakers:**
- Jeff Machado, HDR, Inc.
- Alan Lau, PROTEUS Consulting
- Zeynep Erdahl, Shane Trussell, Trussell Technologies
- Michael Creel, CARLOO Engineers
- Todd Jordan, CDM
- Michael Falk, PhD, HDR, Inc.

**Abstract:**

- The Influence of Business Systems on Infrastructure Asset Management.

**Technical Sessions:**


**Technical Sessions Details:**

- NA Presentation
- CONSIDER ATTENDING MANAGEMENT WORKSHOP
- 7:50 AM
- **Speaker(s):**
  - NA

**Presentation Title:**

**Title:** Infrastructure Asset Management Workshop (Part 4 of 2)

**Location:** Room # Ballroom A 204

**Speakers:**
- Jeff Machado, HDR, Inc.
- Alan Lau, PROTEUS Consulting
- Zeynep Erdahl, Shane Trussell, Trussell Technologies
- Michael Creel, CARLOO Engineers
- Todd Jordan, CDM
- Michael Falk, PhD, HDR, Inc.

**Abstract:**

- The Influence of Business Systems on Infrastructure Asset Management.

**Technical Sessions:**


**Technical Sessions Details:**

- NA Presentation
- CONSIDER ATTENDING MANAGEMENT WORKSHOP
- 7:50 AM
- **Speaker(s):**
  - NA
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<td>Vivien Malig, CWEA; Roy Reynolds, OCSD; James Cathcart, P.E., HDR, Inc.</td>
<td>Sharon Yin and Victoria Pilko, SARI Preserves Water</td>
<td>Paul Mitchell, City of Folsom</td>
<td>Neri, City of Folsom</td>
<td>Haomin Xu, UC Irvine</td>
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<td>Sewer Hydraulics - The 10 Types of Quality for Orange County Counties</td>
<td>Economic Impacts to System Maintenance</td>
<td>Sewer Using EDS: Why it Works</td>
<td>Existing Chemical Fate in the Tractive</td>
<td>Odor Issues in Los Angeles Waters and System Maintenance Costs</td>
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FRIDAY, APRIL 15, 2011 — AFTERNOON SESSIONS

CWEA's Annual Banquet
Piped in Daily!

Purchased online at cwea.org/ebulletin

CWEA Committee
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Room B
Room C
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