

INTEGRAL CONSULTING INC. BATTELLE SHORT COURSE AND POSTER/PLATFORM PRESENTATION SCHEDULE

Monday, January 9, 2017

Short Course: 8:00 a.m.–5:00 p.m.

Evaluating Sediment Transport: Best Practices, Tools, Techniques, and Application to Site Management

Craig Jones, Ph.D. (Integral Consulting Inc.), Kirk Ziegler, Ph.D. (Anchor QEA, LLC), and Luca Sittoni (Deltares)

Tuesday, January 10, 2017

Platform Sessions 8:00 a.m.–5:35 p.m.

A1. Noncontaminant Stressors

9:15–9:40 a.m.

Conducting Benthic Triad Assessments in the Midst of Shifting Ecosystem Dynamics

K. Whitehead and D. Nielsen

Platform Speaker: **Kenia Whitehead, Ph.D.** (Integral Consulting Inc.)

A3. Emerging Contaminants: Assessment and Management

1:25–1:50 p.m.

Emerging Contaminants: Looming Issues and Lessons to Be Learned

J. Durda, J. Anderson, and P. Goodrum

Platform Speaker: **Judi Durda** (Integral Consulting Inc.)

Poster Sessions 5:45–7:00 p.m.

B2. Sustainability and Adaptive Management

Challenges and Opportunities for Incorporating Climate Change Adaptation Measures into Sediment Remedies

B. Kellems and E. Guyer

Poster Session: **Reid Carscadden, P.E.** (Integral Consulting Inc.)

Wednesday, January 11, 2017

Platform Sessions 8:00 a.m.–5:35 p.m.

A5. Innovative Characterization and Assessment Tools

8:25–8:50 a.m.

Innovative Optical Methods for Characterization of Chemical Dynamics

G. Chang, T. Martin, and C. Jones

Platform Speaker: **Grace Chang, Ph.D.** (Integral Consulting Inc.)

A8. Ecological and Human-Health Risk Assessment

4:20–4:45 p.m.

Human Health Risk Assessment for the Berry's Creek Study Area: A Data-Driven, Site-Specific Assessment

A. Bradley, J. Lape, and J. Durda

Platform Speaker: **Ann Bradley** (Integral Consulting Inc.)

E5. Evaluating Hydrodynamics and Sediment Transport in the Field

8:00–10:05 a.m.

Chairs: Brooke Bonkoski (Arcadis) and **Craig Jones, Ph.D.** (Integral Consulting Inc.)

E8. Food Chain Models

5:10–5:35 p.m.

Food Web Models and Sediment Cleanup: Are We Asking Too Much?

D.V. Preziosi, R. Pastorok, J. Gomez-Eyles, and F. Wolf

Platform Speaker: **Damian V. Preziosi, Certified Senior Ecologist, ESA** (Integral Consulting Inc.)

Poster Sessions 5:45–7:00 p.m.

A9. Field Sampling Approaches

Effective and Efficient Approaches to Remedial Investigation and Long-Term Monitoring at Large Sediment Sites

C. Jones, G. Chang, F. Spada, T. Martin, M. Greenblatt, and R. Carscadden

Poster Session: **Craig Jones, Ph.D.** (Integral Consulting Inc.)

A10. Field Sampling Tools

Advancements in Automated Image Processing and Standardization for Sediment Profile Imaging

B.S. Sackmann, E. Revelas, and I. Stupakoff

Poster Session: **Gene Revelas** (Integral Consulting Inc.)

A11. Long-Term Monitoring Strategies

Characterization of PCBs, Mercury, and Methylmercury Fate and Transport in the Berry's Creek Estuary

T. Martin, G. Chang, and C. Jones

Poster Session: **Todd Martin, P.E.** (Integral Consulting Inc.)

B9. Risk-Based Management and Cleanup Decisions

Risk Assessment and Its Role in the Remedial Design Process

B.R. DeShields, M. Pattanayek, and B. Kellems

Poster Session: **Bridgette DeShields** (Integral Consulting Inc.)

Ecological Risk Assessment at the Berry's Creek Study Area: Systematic Assessment to Support Risk Management

J. Durda and H. Summers

Poster Session: **Judi Durda** (Integral Consulting Inc.)

B11. Perspectives in the Decision-Making Process

Role of Cost-Benefit Analyses in Remedy Selection: An Examination of CERCLA Policy and Guidance

B. Starr, R. Carscadden, and L. Dunn

Poster Session: **Benjamin Starr, P.E.** (Integral Consulting Inc.)

E9. Contaminant Bioavailability and Uptake

Defining COPC Uptake in an Urban Estuary: A CSM-Based Approach

K. Whitehead, J. Durda, P. Brussock, and T. Martin

Poster Session: **Kenia Whitehead, Ph.D.** (Integral Consulting Inc.)

Thursday, January 12, 2017

Platform Sessions 8:00 a.m.–2:40 p.m.

C8. Source ID, Loading Assessment, and Control

8:00–10:05 a.m.

Chairs: **Marcia Greenblatt, Ph.D., P.E.** (Integral Consulting Inc.) and Kendrick Jaglal (O'Brien & Gere)

9:40–10:05 a.m.

The Many Faces of Source Control in the Pacific Northwest

L. Baker, D. Livermore, A. Crowley, D. Gilpin, and T. Slater

Platform Speaker: **Linda Baker, R.G., L.H.G.** (Integral Consulting Inc.)

E10. Geospatial Data Evaluation and Data Visualization

11:45 a.m.–12:10 p.m.

Mapping Disposed Dredged Material and a Sand Cap for the Douglas Harbor Dredging Project (Juneau, Alaska) Using Sediment Profile Imaging and a Semiautomated Image Processing System

E. Revelas, B. Sackmann, and I. Stupakoff

Platform Speaker: **Gene Revelas** (Integral Consulting Inc.)

For more information on these presentations and Integral's sediment services, contact Integral Principal Dr. Marcia Greenblatt at mgreenblatt@integral-corp.com. For more information on the conference, visit

<http://www.battelle.org/newsroom/conferences/sedimentscon>