



CONFERENCE OVERVIEW AND GOALS

The Washington Stormwater Center—in partnership with the City of SeaTac—is pleased to announce the 2019 Washington Statewide Municipal Stormwater Conference (MuniCon). The goal of this conference is to provide the Washington municipal stormwater community an opportunity to communicate, coordinate, and exchange approaches and tools for addressing priority issues and challenges faced by NPDES municipal stormwater permittees in Eastern and Western Washington. The conference begins on Wednesday, April 24 with half day workshops and training led by regional experts followed by a full day of presenter led sessions on Thursday, April 25.

Funding provided by:

Washington State
Department of Ecology

April 24 & 25, 2019

Hilton Seattle Airport &
Conference Center

SeaTac, Washington

WHO SHOULD SUBMIT ABSTRACTS?

Abstracts for presentations or posters may be submitted by any stormwater-related professional. Abstracts should include information, tools, lessons, and other content that support municipal permittees' efficient and effective achievement of permit-related obligations. Emphasis will be placed on abstracts that address the unique conditions faced by Eastern and Western Washington municipalities.

PRESENTATION FORMATS

Day 1 | Half-day workshops and trainings

Separate from this Call for Abstracts, conference organizers are reaching out to regional experts to lead Day 1 sessions.

Day 2 | Full day sessions focused on the Conference Topic Areas

Each session will be roughly 20 to 25 minutes for single topic presentation followed by Q&A, presenter-led discussions and/or panel discussions. Topic areas and abstract submittal requirements follow.

CONFERENCE TOPIC AREAS

Conference organizers have worked with stakeholders in Eastern and Western Washington to identify priority topics that are aligned with the conference goals and are pertinent to the conference attendees. Additional topic suggestions may be submitted, but abstracts will be ranked based on relevance to the overall conference goals.

CONFERENCE TOPIC AREAS

Topics of interest for the 2019 conference include, but are not limited to:

EDUCATION AND OUTREACH (CASE STUDIES)

- **Case Studies.** Building successful E&O programs and lessons learned.
- **Communication.** Approaches for explaining stormwater concepts in simple terms or getting people to “think” stormwater in day-to-day organizational operations (city, county, municipal).
- **Regional Approaches.** On topics such as mobile business, pet waste, natural yard care, etc.
- **Social Marketing.** Examples of successful campaigns, approaches for measuring behavior change, roll in new permit cycle, how to leverage your message using social media, etc.

IDDE MAPPING & WATER QUALITY MONITORING

- **Meeting New Permit Requirements.** On topics related to IT/GIS, mapping and tracking
- **Mobile Business Stormwater Compliance.** Approaches for addressing chronic offenders and the feasibility of setting up an inter-jurisdictional database of regional chronic offenders.
- **Inventory and data management.**
- **Source Tracing for Toxics.** Legacy PCBs, etc.
- **Effects of Homeless Population on Water Quality.** Challenges, solutions, IDDE discharge, social health, partnering organizations.
- **Case Studies: TMDL Actions Plans.** Short and long term, integration, etc.

DEVELOPMENT, REVIEW, AND INSPECTION

- **LID Challenges, Inspections, and Operations/Maintenance.** Such as bioretention successes, new porous pavement materials/ techniques, lessons learned, protecting infiltration areas during construction, etc.
- **LID Designs in Eastern Washington.** With special requests for native plant preservation/xeriscaping, developer incentives, protecting infiltration during construction.
- **Post Construction Private Stormwater Facility Inspections.** Successful programs and lessons learned
- **Erosion Control.** Permit submittal success stories to encourage high-quality applications, inspection program development, fee-based programs, pre-construction check-list and inspections, site compliance, bonding, etc.
- **Complex Site Conditions.** Permit review and inspection of properties with complex site conditions, such as, shorelines, steep/ unstable slopes, critical areas, etc.
- **Review and Inspection.** Site plan review, private facilities inspection, etc.

OPERATIONS AND MAINTENANCE

- **Case Studies.** Examples of successful programs or innovative approaches to O&M for stormwater facilities, BMPs, LID, emerging technology, etc.
- **Ownership and Enforcement of BMPs.** On private property, roads and right of way
- **Inspection.** Successes/challenges, meeting inspection frequency for structures/facilities, etc.
- **Asset Management.** Liability of inspection and maintenance of public stormwater BMPs/facilities, pipes and structures.
- **Defining Street Waste.** What is included, facility types, designation, how is it regulated, regulatory costs, etc.

NEW PERMIT PROGRAMS (LONG RANGE PLANNING, SOURCE CONTROL BUSINESS INSPECTIONS)

- **Source Control Business Inspections.** How do they work; how to soften the blow; coordinating with the Health Department
- **Phase II Stormwater Planning and Retrofit Requirements.** Watershed, structural retrofits and operation of BMPS, land preservation) grant funding, innovative approaches, Phase I & Phase II examples.
- **Aquifer Protection.** Programs for protecting aquifers under the new permit.

CONFERENCE TOPIC AREAS (CONTINUED)

Topics of interest for the 2019 conference include, but are not limited to:

PERMIT RELATED TOPICS

- **Stormwater Laws and Precedent in Washington.** As they pertain to discharges to private property, access to private property, outfall easements, utility ROW, etc.
- **MS4 Undefined Condition Assessment of System.**
- **BMP Implementation and Maintenance Costs.** Effect on developing affordable housing.
- **Partnerships.** Examples of successful program and project partnerships.
- **Environmental Justice.** Impacts on projects i.e.: language, demographics, analysis tools, etc.

PERMIT COORDINATION

- **Creating Database Management Systems.** To meet tracking permit requirements for IDDE, SWPP, inspections, training, etc.
- **Collaboration and Communication.** Approaches to municipal stormwater management (non-educational).
- **NPDES Regulations.** Related to ground water, emerging technology, utility code enforcement, effective communication paths between local government and state agencies, etc.

RESEARCH

- **Stormwater Research Status and Updates.** With special requests for ongoing research studies on the following topics: impacts on groundwater, tire/road dust, pre-spawn mortality, etc.
- **Climate Change Effects.** On facility capacities, sea level rise, design, etc.
- **BMP Research.** Specifically the influence of climate on effectiveness (i.e., eastern vs. western Washington).
- **Health Status of Washington Waterways.** What is the health of our waterways, including: impacts to habitat, salmon, shellfish, etc.
- **Emerging Pollutants of Concern.**
- **Uncertainty in weather patterns.** Adjustments to regulation, design, maintenance in response to increased precipitation intensities.

ABSTRACT SUBMISSION

Abstracts must be submitted electronically via the Conference Speaker Portal at cm.wsu.edu/municon2019.

ABSTRACTS MUST BE RECEIVED NO LATER THAN OCTOBER 22, 2018

In 450 words or less, summarize the key points of your program/project, approach, results, applicability to NPDES permittees, value to conference attendees, and future plans. Abstracts must specifically address:

- The topic you are presenting and why it is important to permittees.
- The outcomes, lessons, or tools that your work has produced. Emphasize cost-effectiveness aspects where pertinent.
- Challenges (particularly unanticipated) you have experienced, and potential solutions.
- How your project/program can be applied by others to address their needs, including specific products that can be shared.
- How your project applies to conditions (environmental and regulatory) in both Eastern and Western Washington.
- Any planned future work related to your presentation.

Note that abstracts become part of the meeting program and will be made public as a permanent record of your presentation.

ABSTRACT REVIEW AND ACCEPTANCE

Abstracts will be reviewed and ranked based on their technical and/or stormwater policy merit, relevance to current needs, and applicability to NPDES municipal permittees statewide. Priority will be given to presentations led by municipal participants or participants that are presenting on behalf of municipal partners.

If your abstract is accepted, you will be required to submit an electronic copy of the presentation on or before April 1, 2019. The acceptance notification package includes instructions on the presentation material formatting and submittal deadlines.

Conference papers and presentations will be recorded and posted to the Washington Stormwater Center website following the conference.

MuniCon provides one complimentary presenter registration per accepted abstract. MuniCon does not cover presenter's expenses or accommodations. Co-presenters (or co-panelists) will receive a discounted registration rate of \$50.

POSTER OPTIONS

The conference also offers professionals working in the field of stormwater management an opportunity to share their work in the poster session. We invite professionals from educational institutions, government agencies, non-profit groups, the private sector, and others to submit poster abstracts to the conference. Selection of abstracts for posters will be based on relevance to the major themes, suitability to a poster format, and value to the target audience.

Those who wish to prepare a poster must complete the Abstract Submission Form and note specifically that the submittal is for a poster presentation ONLY.

MuniCon provides a discounted registration rate of \$50 for accepted poster presenters. MuniCon does not cover presenter's expenses or accommodations.