

Tentative Course Outline

DAY 1 CORMIX Overview

AM Introduction to Mixing Regulations
Conventional, Toxic Mixing Zones
Near-field mixing processes
Far-Field mixing processes
CORMIX Software

PM Mixing models, CORMIX
Boundary interaction
Data requirements/schematization
Single port discharges
- Case Study - CORMIX1

DAY 2 CORMIX Applications

AM Fluxes, Length scales
Flow classification
Multiport diffusers
- Case Study - CORMIX2

PM Post-processing, Graphics
Sensitivity studies, Design advice
Recommendations
Surface Discharges
- Case Study - CORMIX3
Advanced applications

Location/Time

Portland State University
1930 S.W. 4th Ave
Room: EB310
Portland, OR 97201 USA

June 18th & 19th 2012
8:00 AM - 5:00 PM daily

Hotels/Lodging

<http://www.mixzon.com/training/lodging.php>

Transportation

Tri-met Max Train from PDX Airport:

<http://www.trimet.org/schedules/maxredline.htm>

Tuition/Registration

Tuition* is US **\$1199.00** for a 2-day workshop and includes instructional notebook and all workshop materials. Tuition must be paid in advance, in full. Early-bird tuition is **\$999.00** if registration is confirmed by **02/01/2012**.

To register, please print, complete and fax the registration form available at

<http://www.mixzon.com/training/wr.pdf>

to **503-296-2354 (Fax)**.

**Tuition is non-refundable however substitutions are encouraged. CORMIX software for use outside the course must be purchased separately.*

Portland State University & MixZon Announce. . .
**CORMIX Mixing Zone Model Training Workshop
June 18th and 19th 2012 in Portland, OR USA**

[Portland State University](http://www.portlandstate.edu) and [MixZon Inc](http://www.mixzon.com) are sponsoring a 2-day training course on the mixing zone modeling and the CORMIX system. This course is designed to provide technical training and guidance to engineers, scientists, regulators, and consultants on using the CORMIX system for NPDES mixing zone permits for point source discharges. The course will cover an introduction to pollutant transport modeling and mixing zone water quality assessment supported by extensive hands-on computer exercises.

Course instructor will be **Dr. Robert L. Doneker**, the primary developer of the CORMIX system and PSU faculty member.

Workshop attendees will receive 16 Professional Development Hours (PDH).