



# Real-Time Cloud-Based Continuous Monitoring and Adaptive Storm Water Control Seminar

The STORMS Seminar Series is part of an ongoing effort of the Water Boards' Storm Water Strategy to educate Water Boards staff as well as the regulated community and the public on storm water management strategies, tools and actions that could be applied to more effectively and efficiently capture and use storm water runoff, and improve storm water quality and watershed processes. This is the second seminar in the STORMS Seminar Series

## Description

The Water Boards' Storm Water Strategy was created in order to more effectively manage our storm water for capture and use, improve watershed processes, and achieve water quality benefits. In order to achieve these outcomes, real time operational control and optimization of storm water infrastructure will be necessary to provide the greatest benefit and value.

Currently, many existing storm water detention and retention facilities are not regularly monitored for performance and status. In addition, almost all rely on passive controls for the release of runoff using a passive hydraulic outlet through a system of stagnant orifices and/or weirs. To improve upon these conventional designs, remote continuous monitoring and adaptive storm water controls have emerged for use in better data collection and management of runoff.

## The purpose of workshop

To educate regional Water Board staff and other interested parties on continuous monitoring and adaptive control (CMAC). This workshop will:

- summarize what CMAC is;
- explain how the technology works;
- provide different applications of CMAC with case examples taken from the 50+ projects where the technology has been deployed in the US;
- Demonstrate equivalent (or improved) performance relative to passive systems;
- provide an overview of regions where CMAC has been approved, used, and added value; and
- open dialogue on the merits of CMAC to encourage active management of storm water to support capture and use as well as water quality and watershed improvements.

## Presentation by

Judd Goodman, P.E. Geosyntec Consultants

## Date and Location Information

April 18, 2016

10:00AM—12:00PM

State Water Resources Control Board  
1001 I Street, Sacramento, CA 95814  
Klamath Room

## RSVP & Webcast Information

RSVP online at <https://www.eventbrite.com/e/continuous-monitoring-and-adaptive-stormwater-control-tickets-22554876242>

### **Event Name:**

Continuous Monitoring and Adaptive Stormwater Control

### **Password:**

April18

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