

Interview: A Look Ahead With the EPA's Nikos Singelis

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April 29, 2008

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LAST CHANCE! StormCon Workshops in SF Bay Area - April 30 - May 2, 2008



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San Francisco Bay Area

San Mateo Marriott
San Mateo, CA
April 30 - May 2, 2008

Drew Bohan, Executive Policy Officer, California Ocean Protection Council, will open the workshops on Friday, May 2, at 8:30 a.m. with a talk on his State program's new initiative to support LID practices. Drew was a Deputy Cabinet Secretary for Governor Schwarzenegger and prior to that the Executive Director of the Santa Barbara Channelkeeper.

Preventing Stormwater Pollution on Construction Sites

One-Day Workshop
Friday, May 2, 2008
9:00 a.m. - 5:00 p.m.
0.5 Continuing Education Unit

Instructor
David Franklin, CPESC, Environmental Project Manager, AEI-CASC Consulting, Petaluma, CA

The Future of Stormwater Management in the San Francisco Bay Area: Meeting Technical Challenges in the Draft Municipal Regional Permit

One-Day Workshop
Friday, May 2, 2008
9:00 a.m. - 5:00 p.m.
0.5 Continuing Education Unit

Instructors
Chris Campbell, Senior Scientist, Geosyntec Consultants
Peter Mangarella, Ph.D., P.E., Associate, Geosyntec Consultants
Lisa Austin, P.E., Senior Water Resources Engineer, Geosyntec Consultants
Gary Palhegyi, P.E., Senior Project Manager, Geosyntec Consultants
Donna Bodine, Senior Scientist, Geosyntec Consultants
Ed Ballman, P.E., Principal Engineer/hydrologist, Balance Hydrologics
Jim Harrington, Staff Environmental Scientist, California Department of Fish and Game, Pesticide Investigation Unit

LID Principles and Implementation: A Hands-On Workshop

One-Day Workshop
Friday, May 2, 2008
9:00 a.m. - 5:00 p.m.
0.5 Continuing Education Unit

Instructors
Daniel E. Medina, Ph.D., P.E., CFM, Senior Water Resources Engineer, CH2M HILL, Silver Springs, MD
Avinash S. Patwardhan, Ph.D., P.E., Principal Water Resources Engineer, CH2M HILL, West Palm Beach, FL

Interview: A Look Ahead With the EPA's Nikos Singelis

A Look Ahead With Nikos Singelis, the EPA's Senior Program Analyst

By Laura Funkhouser

(Stormwater magazine, November/December 2007)

Nikos Singelis, Lisa Nisenson, John Kosco, and David Hirschman will present their very popular full-day pre-conference workshop EPA Presents: Post-Construction, LID, and Smart Growth as Stormwater BMPs on Monday, August 3, 2008, in Orlando, FL.

Singelis's EPA Update and Q&A Session will be held on Thursday, August 7, 2008. **[Note: For the complete conference program PDF, announcing all of the sessions presented by Nikos Singelis please [click here](#)** See www.StormCon.com for more information about StormCon '08.

It hasn't been quite a year since our last talk, but many of the things you said then proved prophetic- that smart growth and low-impact development (LID) were gaining widespread favor, that construction-site stormwater management was growing-these are things we saw at StormCon '07, where it seemed people were relieved to finally have clarity about what needs to be done to meet their water goals and how to get there.

I don't know that anything I said was especially prophetic, but it is true that a number of things have changed since we talked last. It has been a busy year for stormwater management at the EPA and beyond. The first important thing to mention is the EPA's interest and leadership in "green infrastructure" for addressing stormwater, combined sewer overflow, and nonpoint-source problems. This new effort really took off in the spring of 2007 with the signing of an agreement between the EPA and several national groups. This is not to say that the ideas underlying green infrastructure are new, but it's a new emphasis for the EPA, and to have our administrator (Stephen L. Johnson) traveling and talking about stormwater management and green infrastructure is a very positive development.

I think the stormwater program is also benefiting from the growing interest in environmental issues generally. With issues like climate change in wider discussion and the unusual weather we had this summer, it seems that more people are interested in discussing stormwater management and specifically green or low-impact techniques, such as rain gardens, bioretention, and green roofs. In addition, there is growing interest in long-term management of our stormwater infrastructure-whether that infrastructure is gray or green.

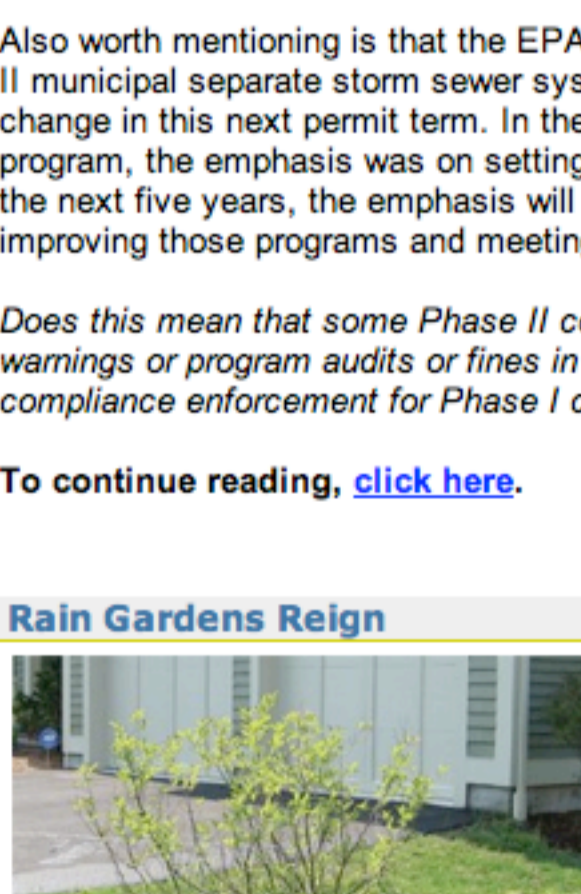
We're now another year closer to the end of the first permit term for most Phase II communities. I believe that a fair number of communities have done a good job of getting their programs up and running and are ready to take on some of the challenges we discussed last time, particularly getting LID/green infrastructure and smart growth concepts integrated into their programs.

Also worth mentioning is that the EPA's expectations for the Phase II municipal separating storm sewer systems (MS4s) will begin to change in this next permit term. In the first five years of the program, the emphasis was on setting up programs in the MS4s. In the next five years, the emphasis will be on operating and improving those programs and meeting permit requirements.

Does this mean that some Phase II communities will receive warnings or program audits or fines in a process similar to the compliance enforcement for Phase I communities?

To continue reading, [click here](#).

Rain Gardens Reign



Rain Gardens Reign

By Margaret Buranen

(Stormwater, May 2008)

Rain gardens may have started in Maryland and been developed in Maplewood and Burnsville, MN, but it was Kansas City, MO, that put them on the map of public awareness. If, as Rodgers and Hammerstein told us in their musical Oklahoma!, "Everything's up to date in Kansas City," the 10,000 Rain Gardens project there is on the cutting edge of stormwater management.

Rodgers and Hammerstein aside, one thing in Kansas City is very out of date: its water and wastewater infrastructure. Some pipes have been in the ground for more than 100 years. So in August 2005, voters approved a \$500 million bond issue that will fund new and improved water infrastructure for Kansas City.

The bond issue is part of KC-ONE, a comprehensive plan for the management of stormwater throughout the city and its suburbs. It will be years until all of the necessary work is completed. To help manage stormwater now, Kansas City officials started the 10,000 Rain Gardens project.

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By Gordon England and Stuart Stein

Spanish language version of Designing for Effective Sediment and Erosion Control on Construction Sites

By Jerald S. Fifield, Ph.D., CPESC

Construction Site Erosion and Sediment Controls: Planning, Design and Performance

By Robert Pitt, Shirley Clark, and Donald Lake

The Use of Best Management Practices (BMPs) in Urban Watersheds

By Richard Field, Anthony N. Tafuri, Swarna Muthukrisnan, Bethany AnnMadge Aquisto, and Ariamalar Selvakumar

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