



EcoGreen Group of Silicon Valley
Creating Opportunities for Sustainability and Clean Technologies

EcoGreen Group

of

Silicon Valley

www.ecogreengroup.org



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Agenda

- 8:00 – 8:30 Self-introductions
Mission of EGG
Upcoming programs & events
- 8:30 – 9:30 **Green Infrastructure for
Stormwater Management**

Videos & discussions
with an introduction by Mei-Ling Shek



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Self-Introductions



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Mission

EcoGreen Group creates professional and entrepreneurial opportunities in sustainability and clean technologies through education, professional development, industry collaboration, and networking.

The EcoGreen Group fulfills this mission through our

- online blog,
- social media,
- collaborative workspaces,
- **volunteer opportunities** (see Rod)
- member projects,
- weekly and monthly meetings,
- and speaker events on specific sustainability topics.



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Upcoming EGG Programs

- Sep 15 **Let Rod know if you'd like to speak**
- Sep 22 Nuclear or Not – Common Ground
by Tony Green
- Sep 29 Open networking ?



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Events

Green Friday

Sierra Club Northern Alameda County

Friday, 09/09/16 07:00 PM - 09:00 PM

Berkeley <http://www.bayareascience.org/calendar/index.php?eID=18476>

Future-Proof Water for Silicon Valley

SF Planning + Urban Research Assoc. (SPUR)

Wednesday, 09/14/16 12:30 PM

San Jose

<http://www.bayareascience.org/calendar/index.php?eID=18630>



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Events

The 'Blue Silicon Valley' Emerges from the 'Serengeti of the Sea'

Town Hall Meeting at [Oceans 16](#)

Ferrante Bay Room (Marriott), Monterey, Ca.



<https://www.mbita.org/index.php/events-home>



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Events

National Drive Electric Week celebration Sierra Club Electric Vehicles Initiative

DeAnza College Campus (Parking Lot A),
Stevens Creek Blvd / Stelling Rd, Cupertino,
CA 95014 [[Map](#)]

Saturday, September 17, 10 a.m. - 4 p.m.

<https://driveelectricweek.org/event.php?eventid=736&s=sce3>



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Jobs

Silicon Valley Clean Energy

Title: Director of Administration & Finance

Title: Board Clerk & Executive Assistant

Title: Account Services Manager

Title: Community Outreach Specialist

[http://www.svcleanenergy.org/joinourteam?utm_source=townsquare
&utm_medium=email&utm_campaign=2016-9-
2+2%3A26pm&utm_content=/joinourteam](http://www.svcleanenergy.org/joinourteam?utm_source=townsquare&utm_medium=email&utm_campaign=2016-9-2+2%3A26pm&utm_content=/joinourteam)



The Awful Truth?

Of the 35 biggest U.S. companies which signed on to Obama's American Business Act on Climate Change Pledge last year, 25 of these companies are supporting [Congressional climate deniers](#) by helping to fund their campaigns.

These climate deniers include North Dakota Republican Congressman Kevin Cramer, who once argued the Earth was getting cooler and not warmer, and Oklahoma Republican [Sen. Jim Inhofe](#), who once held up a snowball in the Senate to prove that global warming is not occurring.

Other companies which signed the environmental pact and then gave political donations to climate deniers are Mondelez, Google, AT&T, Verizon and GE.

Only GE responded to Reuters' requests for comment, saying it supports "elected officials based on a wide range of issues." The company insists it has been "outspoken about the need to address climate change."

<http://www.ecowatch.com/companies-drive-climate-denial-1998224867.html>



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Today's Program

Green Infrastructure for Stormwater Management

Videos & discussions
with an introduction by Mei-Ling Shek



Why I am interested in the topic

Environment & natural resources

Personal rainwater management plan –

No rainwater from my property flows into the street
(but collected in bins, or diverted to my trees and shrubs).

I pass by the Sunnyvale East Channel daily –

When it rains , I sadly observe all the water rushing away

Urban development near home –

Orchard -Butcher's Corner at Wolfe & El Camino -

→ plan for condos & apartments → loss of trees & natural drainage
but increasing impermeable surfaces at a busy intersection

Many trees not doing well on streets & in parking lots

Trees provide many underappreciated human & ecosystem services



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Stormwater Pollution & Green Infrastructure Solutions

<https://www.youtube.com/watch?v=ATNy-valPXI> (29:29)

Published on Jan 27, 2016

Produced by the Nassau County Soil and Water Conservation District as a joint project with the New York State Department of Environmental Conservation.

Note:

Since Nassau County was paved over by development, the aquifer cannot be recharged by rainwater, and becomes infiltrated by sea water. In Suffolk County, in the “Pine Barrens” where I used to live, rain water has to be discharged totally within one’s property, so as to replenish ground water and avoid the mistake made in Nassau County.



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Smart Green Infrastructure: How To Grow Sustainable Cities

<https://www.youtube.com/watch?v=uGzbDmgQHTo> (15:22)

Published on Nov 8, 2008

Andy Lipkis, Founder and President of TreePeople, describes how this organization has pioneered an integrated approach to managing urban ecosystems as watersheds in the Los Angeles region. This involves strategic tree planting, tree-mimicking technologies, and community engagement to generate multiple solutions to the environmental threats facing our cities, including ensuring a sustainable water supply, reducing greenhouse gas emissions, preventing water and air pollution, fostering stronger neighborhoods, and creating jobs. For more information:

<https://www.treepeople.org/>

<http://174.127.114.78/demonstration-projects>



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L.A. betting that stormwater can help ease California's drought

<http://www.latimes.com/local/lanow/la-me-ln-stormwater-20160823-snap-story.html>

Currently, the Tujunga Spreading Grounds in San Fernando Valley can capture and store about 8,000 acre-feet of water a year, officials said. That figure is expected to double to 16,000 acre-feet, or 5 billion gallons — enough water to supply 48,000 Los Angeles households each year. Capturing more stormwater at the spreading grounds helps ensure that the precious commodity does not run off into the Pacific Ocean. The \$ 29 M-project will also provide new open space and a walking path for nearby residents, officials said.



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The Miracle Water Village

<https://www.youtube.com/watch?v=MIHWY5zAHdA> (13:17)

Uploaded on Jul 20, 2011

An inspirational story of impoverished farming community in India that reversed its fortunes through its visionary model of water management.

Lying in one of the worst drought-prone regions of India, the village of Hiware Bazar battled many decades of sparse rain and failed crops. However, 20 years ago, the entire village came together to script a silent revolution by designing a rainwater-harvesting model that saved every drop of the scanty rain they received. Today, the village is literally an oasis in the middle of the desert, boasting of bumper harvests, dairy co-operatives, millionaire families and visionary farmers.



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