



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

EcoGreen Group

of

Silicon Valley

www.ecogreengroup.org



Agenda

- 8:00 – 8:30 Self-introductions
Mission of EGG
Upcoming programs & events
- 8:30 – 9:30 **Ecosystem services and
Natural Capital**
Videos & discussions



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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

Oct 27 ~ Carbon management: updates
(Host: Mei-Ling) by Jon Saunders

Nov 3
(Host: Rod)

Nov 10 Solar City's GivePower Foundation
(Host: Rod)

Nov 17
(Host: Mei-Ling)

Nov 24 No meeting (Thanksgiving)



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Events - symposium

ENERGY RESEARCH for **DEEP GLOBAL** **DECARBONIZATION**

12TH ANNUAL GCEP RESEARCH SYMPOSIUM

Global Climate & Energy Project
STANFORD UNIVERSITY

November 2-3, 2016

<https://gcep.stanford.edu/events/> (free ,limited space)



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Events- webinars

<http://www.idtechex.com/research/webinars.asp>

- 10/25 Solid-state and polymer batteries
- 10/27 Printed & hybrid electronics
- 11/01 Electrical vehicles change the world



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Events- public hearing

MEETING OF THE FOOD SAFETY EXPERT PANEL

28 October 2016, 10:00 a.m. - 3:00 p.m.

Central Valley Water Board- Board Room 11020 Sun Center
Drive, Suite 200 , Rancho Cordova, CA 95670-6114

The purpose of this meeting will be to provide participants with an opportunity to learn about the use of **produced water** for irrigation, food safety, and the work of the Food Safety Expert Panel. The meeting is open to the general public. A webcast will be available for those who cannot attend in person. <https://video.calepa.ca.gov/>

http://www.waterboards.ca.gov/centralvalley/water_issues/oil_fields/food_safety/index.shtml



Propositions on plastic bags

VOTE YES ON 67: When casting your ballot, vote Yes on Proposition 67. Prop. 67 would restore the state's plastic bag ban, and allow stores to continue offering recycled-content paper bags to customers for a 10-cent fee. (Food stamp users would be exempt from the fee.) The plastic bag ban was originally signed into law two years ago, but blocked soon after by an opposing ballot initiative sponsored by out-of-state plastic bag companies.

VOTE NO ON 65: Plastic bag makers aren't giving up easily. To confuse voters even more, they've sponsored a rival ballot initiative, Proposition 65, which would keep plastic bags available but require retailers to give all proceeds from the 10-cent paper bag fee to a special "environmental fund." Don't be fooled by their "too little, too late" proposal.

- Natural Resources Defense Council



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Today's Program

Ecosystem Services & Natural Capital

Videos & discussions





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Ecosystem services

California Academy of Sciences, 2014

<https://www.youtube.com/watch?v=BCH1Gre3Mg0> (9:02)

We cannot survive without biodiversity

Environmental Value Systems

<https://www.youtube.com/watch?v=rMXOChHBsyE> (15:94)

Published on Aug 29, 2015

How do we think about the value of our environment?



Inspiration: Why we need to put a price tag on natural capital and ecosystem services

<https://www.youtube.com/watch?v=tcE59xgRUzk> (39:34)

Published on Oct 11, 2013

In the near future, all planning of urban development and land use need to consider the protection of biodiversity and ecosystem services. This is the message from Gretchen Daily, professor at Stanford University, California, one of the world's foremost experts on valuation of natural capital. She is convinced that the only way to create long-term welfare is to quantify the value of ecosystems.

AN INTRODUCTION TO THE NATURAL CAPITAL APPROACH

Date:

Tuesday, January 12, 2016

Go to COURSE (https://lagunita.stanford.edu/courses/HumanitiesSciences/NCP_101/SelfPaced/about)



- http://online.stanford.edu/course/introduction-natural-capital-approach?utm_source=iContact&utm_medium=email&utm_campaign=Stanford%20Online&utm_content=February+Mailer+--+Judith%27s+Draft



Time to Account for Natural Capital

<https://www.youtube.com/watch?v=kUnM05Mpiyw> (7:01)

World Bank, Jun 19, 2012

If you want to know what the financial health of a company is, you look at its balance sheet: assets on one side, liabilities on the other. A country's balance sheet would include assets such as roads and factories, human and social capital (education, entrepreneurship). Importantly, it would also include natural capital. On the other side, you'd see the depletion of natural resources as they're used up -- through mining, industry, forestry, agriculture. Rio+20 offers a unique chance to include 'natural capital' in national accounts and move towards more sustainable development.

(Rio+20: United Nations Conference on Sustainable Development, Rio de Janeiro, Brazil, 20-22 June 2012)

<https://sustainabledevelopment.un.org/rio20.html>



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The **Sustainable Development Goals (SDGs)**, officially known as **Transforming our world: the 2030 Agenda for Sustainable Development** is a set of seventeen aspirational "Global Goals" with 169 targets between them. (2014)

https://en.wikipedia.org/wiki/Sustainable_Development_Goals