



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

# **EcoGreen Group**

**of**

# Silicon Valley

[www.ecogreengroup.org](http://www.ecogreengroup.org)



## **Today's Agenda**

- 8:00 – 8:20 Mission of EGG  
Introductions  
Special Announcements  
Upcoming programs & events**
- 8:20 – 9:30 Soil and Soil Carbon Capture – A  
Presentation by Elizabeth Guimarin**



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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,
- member projects,
- weekly and monthly meetings,
- and speaker events on specific sustainability topics.



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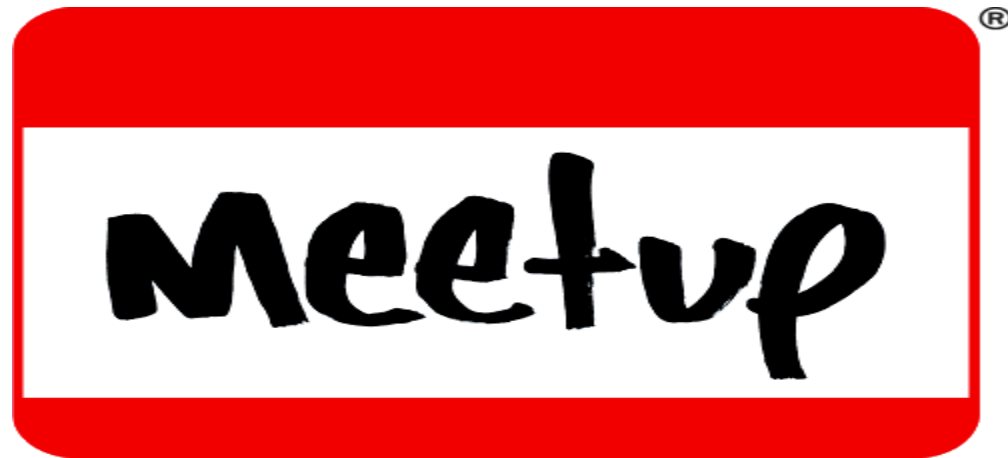
## Special Announcements



- Website work
- Event Calendar
- Website articles
- Assist with newsletter
- Advertising fliers
- Morning meeting help
- Mkt at local fairs
- EGG Social Media
- Presentations
- And more!



## Special Announcements



- Visit the Discussions Area on the EGG Meetup site
- Start a new topic on a forum
- Contribute to an existing topic
- Educate, debate, applaud, discuss, and have fun



## Upcoming EGG Programs

- Aug 27 Natural De-Salinization – Joseph Rizzi
- Sept 3 TBD – Video or Presentation
- Sept 10 TBD – Video or Presentation
- Sept 17 TBD – Video or Presentation
- Sept 24 TBD – Video or Presentation



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## Other Events



- EVE Monthly Meeting – Open Floor
- Sneha South & North Indian Restaurant – lunch cost  
8/20/2015 12:00pm – 2:00pm
- Info at <http://www.meetup.com/Electric-Vehicle-Entrepreneurs-of-Silicon-Valley/events/222682995/>
- No speaker on this date, open discussion



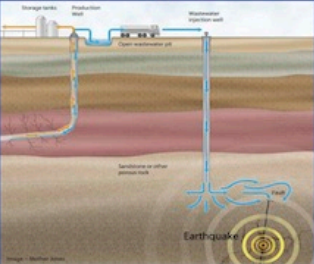
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**USGS**  
science for a changing world

## Yes, Humans Really Are Causing Earthquakes

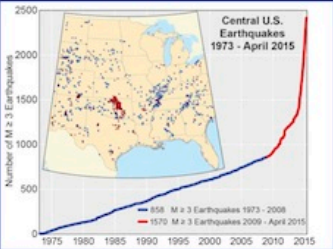

by Justin Rubinstein, USGS Research Geophysicist



- The earthquake rate has dramatically increased in the central US in the last 6 years.
- Oklahoma had more  $M \geq 3$  earthquakes in 2014 than California.
- This increase is due to earthquake activity induced by oil and gas operations.
- Most earthquakes are not caused by hydraulic fracturing.
- We may be able to control these earthquakes.



Well operator standing next to a wellhead in Well County, Colorado.



Central U.S. Earthquakes 1973 - April 2015

Number of  $M \geq 2.5$  Earthquakes

— 558  $M \geq 3$  Earthquakes 1973 - 2008  
— 1570  $M \geq 3$  Earthquakes 2009 - April 2015

Source: U.S. Geological Survey, Oklahoma

**USGS Menlo Park Campus • Free Public Lecture • August 27, 2015 at 7PM**  
USGS Evening Public Lecture Series: [online.wr.usgs.gov/calendar](http://online.wr.usgs.gov/calendar)  
Map for lecture site on reverse

- Earthquakes Caused by Humans
- USGS Evening Public Lecture Series
- Menlo Park – Free
- 8/27/2015 7:00pm – 9:00pm
- Info at <http://online.wr.usgs.gov/calendar/>
- Also watch Live online





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Today's Feature Presentation!



**Soil and Soil Carbon Capture –  
A Presentation by Elizabeth Guimarin**



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