

September 30, 2015

Flash No. 52

Attend the Upcoming September Luncheon

Our Speaker for the **Wednesday, September 30, 2015** luncheon (11:30 am – 1:30 pm at the Hotel Tucson, 475 North Granada Avenue) will be **Mr. Tom McGovern from Psomas and Ms. Carolyn Campbell representing the Sonoran Desert Protection Coalition**. They will discuss the upcoming November 3, 2015 Pima County Bond Election, Proposition 430 Natural Area Conservation and Historic Preservation.

REMINDER – If you register late (after 5 PM on the Friday before the luncheon) and pay on PayPal, please select the late payment fee.

August Luncheon Summary

Our August speaker was **Mr. Keith Kaback, M.D., Executive Director of the Arizona Chapter of Population Media Center**. Mr. Kaback provided an alarming presentation about how our rapidly growing human population is a root cause of many of the environmental challenges facing the world today. During the presentation, we watched as the world population grew by three persons every second (3 persons are born and 2 persons die every second) – the world population is currently more than 7.3 billion, and will be 11.2 billion in 2100 at the current rate of growth. 97% of world population growth is in the developing world; however, the US has only 5% of the population, but uses 25% of the world's energy. As developing countries become developed countries, their growth rates may slow, but their resource consumption increases. Humans are currently consuming 150% of the earth's regenerating capacity, which obviously cannot be sustained forever. There are many roadblocks to dealing with population growth, and it is a controversial issue that is typically avoided. The Population Media Center uses entertainment/education to "help save the world one soap opera at a time." The group uses serial dramas on radio or TV using local personnel to address local and global issues such as population, human health, human rights, environment, and economics. There are currently programs in a number of African countries, Haiti, and the US, with more in development. This includes the popular Hulu drama "East Los High" set in East Los Angeles. For a link to the presentation, go to http://www.saems.org/luncheon_info_frameset.htm.

July Luncheon Summary



Mr. Bradley Baker of Arizona Department of Environmental Quality (ADEQ) summarized the Solvent-Contaminated Wipes Rule during the July SAEMS luncheon. The rules cover reusable and disposable wipes containing a listed solvent and associated hazardous characteristics. Also discussed were the storage requirements for these wipes, including labeling, accumulation time limits, recordkeeping, and whether these wastes count toward the RCRA generator's hazardous waste regulatory status. No free liquids can be present in the wipes and any recovered free liquids must be managed appropriately under hazardous waste regulations. The wipes must go to eligible handling facilities, such as regulated laundries, dry cleaners, combustors, or landfills. Go to http://www.saems.org/luncheon_info_frameset.htm to view a link to the presentation.

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SAEMS Presents – Reception with ADEQ Director Misael Cabrera, PE on November 5, 2015



SAEMS is pleased to present this opportunity to meet the new ADEQ Director, **Mr. Misael Cabrera, PE**. The event will be held on **Thursday November 5, 2015 from 4:00 – 8:00 PM** at the Arizona History Museum, 949 East 2nd Street in Tucson, Arizona. The program will begin at 5:30 PM, and attendees will have exclusive access to the museum before and after the program. Be sure to join us for this presentation and enjoy the mixer and refreshments!

Parking for this event will be in the parking garage located just west of the museum on the northeast corner of North Euclid Avenue and East 2nd Street – use the garage access on 2nd Street and follow the signs for Arizona History Museum parking. Bring your parking ticket to the museum for validation.

Registration forms have been emailed and are also provided on the SAEMS website at the following link: http://saems.org/current_issues_frameset.htm. Payment can be made online using PayPal and submittal of forms and other payments should be sent to the SAEMS Treasurer (treasurer@saems.org). The deadline for reservations is October 29, 2015; after that date, late registration fees will apply.

Time to Join or Renew Your SAEMS Memberships – Due by October 31, 2015

Calling all current and prospective SAEMS Members! The **benefits of membership** include receipt of the newsletter, the News Flash; discounted fees for attendance at monthly luncheon meetings and SAEMS seminars; networking with peers in the environmental field; access to password protected areas of the SAEMS website; and opportunities for involvement in on-going committees. We encourage members to become active in SAEMS activities, such as becoming an Executive Committee member, helping with annual seminars, joining a trash cleanup event, etc.

New this year: (1) SAEMS has begun to offer free membership to full-time students; and (2) If you refer a new individual member, you will receive a free lunch! If you refer a new corporate member, you will receive two free lunches! Remind the new member to include your name as their referral on their membership application.

The SAEMS membership registration forms for individual and corporate memberships for 2015-2016 were emailed recently and are provided on the SAEMS website (<http://www.saems.org>). Individual membership is \$50 per year. A corporate membership is \$200 and includes up to eight full memberships. A retiree membership is \$25 per year. Student memberships are free!

The deadline for payment is October 31, 2015. Payment can be made by check, credit card, or by accessing the SAEMS website and using the PayPal links under Pay Online (<http://www.saems.org/MembershipAppPaypal.htm>). See the membership applications for complete instructions. Current members that do not renew will be dropped from the membership list. Please send in your payments promptly!

Adopt A Highway Postponed

The planned highway cleanup scheduled for the fall has been postponed due to construction and repaving activities in our stretch of highway.

Scholarship Opportunity – Geology Students

The **Arizona Geological Society** is offering two scholarships to qualified geologic studies students attending the University of Arizona, Arizona State University, or Northern Arizona University. Go to <http://www.arizonageologicalsoc.org/page-1692015> for information about these scholarships.

New UA Degree Program

The College of Architecture, Planning & Landscape Architecture at the University of Arizona is now offering the online **Bachelor of Science degree in Sustainable Built Environments (SBE)**. Topics of study include net-zero energy design, energy conservation, passive solar and natural ventilation, and climate response. They are now accepting applications for the Spring 2016 semester. To learn more about the UA Online program and to apply for the Spring 2016 semester go to <http://uaonline.arizona.edu/> and to see why students are choosing the SBE degree program go to https://www.youtube.com/watch?v=Q2di32h_NqM.

Funding for Environment and Social Justice Proposals

2015 Request for Proposals (RFPs) in the **Agnese Nelms Haury Program in Environment and Social Justice (Haury Program)** are available at the University of Arizona. There are three categories of funding: Seed Funding, Challenge Funding, and Visiting Fellowships. For more information on these RFPs, go to the website at <http://haury.arizona.edu/>. Email your questions to aspitz@email.arizona.edu.

WRRC and UA Brown Bag Seminars and Other Events

Go to the website of the **University of Arizona Water Resources Research Center (WRRC)** at <https://wrrc.arizona.edu/events/all> for information on their weekly brown bag lunch seminars, conferences, and other events. Another source of event listings can be found at the **University of Arizona Environment and Sustainability Portal** at <http://www.portal.environment.arizona.edu/events>. Upcoming WRRC brown bag topics include:

Friday October 2 2015 - 12:00 pm – *Roosevelt Irrigation District West Van Buren Water Quality Assurance Revolving Fund (WQARF) Project*

Thursday October 8 2015 - 12:00 pm – *A Case Study in Efficiency – Agriculture and Water Use in the Yuma, Arizona Area*

Thursday October 29 2015 - 12:00 pm – *Pumps, pipelines, and property rights: legal and political challenges for decentralized groundwater governance in Central Texas*

Wednesday November 4 2015 - 12:00 pm – *Topic area: Overview of the Virginia Water Resources Research Center*

Society for Ecological Restoration – Southwest Chapter Annual Conference

The **Society for Ecological Restoration (SEC) – Southwest** will be holding their annual conference on **November 20-22, 2015** at the Ried Park Doubletree Hotel. The SEC is looking for abstracts for presentations and sponsors. More information can be found online at <http://chapter.ser.org/southwest/>.

Tucson Clean and Beautiful Annual Meeting – Climate Resiliency Leadership

Tucson Clean and Beautiful (TCB) will be having their **2015 Annual Board of Director's Meeting on October 21, 2015** at the Tucson Museum of Art. The meeting will feature Peter Byck, director of Carbon Nation. RSVP by October 7, 2015. More information is available online at https://tucsoncleanandbeautiful.org/?post_type=events&p=2701.

Tucson Clean and Beautiful – List Your Business!

Tucson Clean & Beautiful has recently added an Environmental Consulting & Engineering Services section to the already expansive Recycling and environmental resource directory on their website. Listings are free (though they do welcome tax-deductible membership donations). If interested, fill out at this link: <https://tucsoncleanandbeautiful.org/recycling-education/recycling-directory/recycling-directory-listing-request/>.

Recent News From ADEQ Email Updates**From September 3, 2015 Newsletter – Draft Environmental Impact Statement for ADOT's Passenger Rail Corridor Study**

The Draft Tier 1 Environmental Impact Statement (EIS) for Arizona Department of Transportation (ADOT's) Passenger Rail Corridor Study: Tucson to Phoenix is available for download at <http://www.azdot.gov/passengerrail>. Three public hearings were held in September and deadline for all public comments is October 30, 2015. Comments may be submitted via the ADOT website, emailed to projects@azdot.gov, or mailed or faxed to: ADOT Passenger Rail Study Team, 24 W. Camelback Rd., Suite 479, Phoenix, AZ 85013, Fax: (602) 368-9645. The EIS is part of a federally required review process governed by the National Environmental Policy Act (NEPA). The EIS considers two rail alternatives and includes a no-build option in order to identify the most appropriate corridor for a potential passenger rail line between Tucson and Phoenix.

From September 17, 2015 Newsletter – New Search Tool for Public Records: The new online ADEQ MegaSearch tool (<http://megasearch.azdeq.gov/megasearch/>) allows faster, more direct access to the agency's 19 environmental databases, such as a facility's operating permits, compliance history, underground storage tanks, etc. Once files are identified, they can be selected from the results page and emailed to the ADEQ Records Center for retrieval and viewing.

From September 21, 2015 Newsletter – Surface Water Quality Standards: Notice of Proposed Rulemaking for Water Quality Standards for Surface Waters (18 A.A.C. 11, Article 1), published in Arizona Administrative Register (<http://www.azdeq.gov/function/laws/draft.html#content>). At least once every three years states must review, modify as appropriate, and adopt surface water quality standards, subject to approval by the U.S. Environmental Protection Agency (EPA), in accordance with the Clean Water Act. ADEQ's last rulemaking for the surface water quality standards was in 2009. ADEQ is seeking to amend errors or clarify language from the 2009 rules changes.

From September 21, 2015 Newsletter – E-Waste Recycling Event Tool Kit: ADEQ launched the online ADEQ E-Waste Recycling Event Toolkit (E-waste Toolkit) at <http://azdeq.gov/environ/waste/p2/ewastetoolkit/index.html>. This was developed over 2 and a half years using a grant from US EPA and Border Environment Cooperation Commission in collaboration with several parties. Several border cities have used the toolkit to host e-waste collection and recycling events. ADEQ has sponsored more than 100 events in more than 50 Arizona communities, collecting and recycling more than 2.7 million pounds of e-waste. The Toolkit includes best practices, marketing materials, contacts, and other educational materials that can be used by interested public, private, and non-profit sector organizations.

The Great Arizona Shake Out – Earthquake Drill on October 15, 2015 at 10:15 AM

Participate in the largest earthquake drill in Arizona on October 15, 2015 at 10:15 AM. The drill is sponsored by the Arizona Geological Survey and the Arizona Department of Emergency Management and Military Affairs. Did you know that in 1887 a very large earthquake (probably measuring about a 7.4 or 7.5 magnitude) occurred in Sonora, Mexico that caused rock falls in the mountains all over southeastern Arizona, cracked the bell tower of San Xavier Mission, and was felt all the way to Phoenix and Mexico City? If you, your family, or your organization is interested in participating in this drill, go to <http://www.shakeout.org/arizona/index.html> for more information and to sign up to participate in the Shake Out. *“Have peace of mind that you, your family, your co-workers and millions of others will be better prepared to survive and recover quickly from our next big earthquake!”*

Recent Job Announcements

Tohono O’odham Nation – Water Resources/Field Supervisor and Water Resources/Hydrology Technician positions.

**Calling All SAEMS Members –
New, Old, and Future**

Are you making the most of your membership? Do you attend monthly meetings to hear information about that month’s topic? Do you mingle with the other members and network? Have you served on the Board or a Committee? Have you checked out the webpage to see what is new? Have you volunteered at a seminar or adopt a highway or other event promoted by SAEMS? Have you attended the RCRA or P2 or LEPC seminars? Why not make a New Year’s resolution to do one or more of these things in 2015!



Once everyone’s membership renewals have been received, an updated membership directory will be prepared and will be available under the Members tab on the website (www.saems.org) or [Click Here](#) – a new member user name and password will then be sent out to the membership. See the latest information on the SAEMS website, including luncheon and scholarship information, previous luncheon presentations, Trash & Bash updates, Executive Committee meeting notes, financial information, News Flash archives, etc.!



SAEMS lunch and seminar attendees are requested to use PayPal for payments whenever possible. Financial charges for using PayPal are about 2.7% and the charge for using a credit card averages 4.8%. In 2013 SAEMS spent \$1,600 on financial fees. If everyone used PayPal, we could cut the costs in half and have \$1,000 more for scholarships. As an added bonus, pre-paying on PayPal allows members to fast forward through the lunch or seminar check-in line.