

PEATDUSTER

Newsletter for the Delta-Sierra Group, Mother Lode Chapter

Visit us at www.sierraclub.org/mother-lode/delta-sierra

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November December 2018



Photo: Tom Hora

Sandhill Crane Festival

Look for the Delta-Sierra Group Table.

Explore, enjoy and protect the planet.

MEETINGS and EVENTS

All Delta-Sierra Group general meetings are open to everyone whether you are a Sierra Club member or not. Meetings are held in the Fireside Room at the Central United Methodist Church, 3700 Pacific Avenue, Stockton, across from the University of Pacific Tower.

Talking Trash: Stockton Recycles **Sabine Verelst, Project Manager, City of Stockton** Monday, November 26, 2018 @7:00pm

What is recyclable? Where does it all go? What are the challenges that come with waste diversion? In this presentation, Sabine will provide a general overview of the city's management of waste and recyclables and current industry trends. She discusses some of the challenges that come with waste diversion as well as what citizens can do to help the environment. Time for questions and discussions will conclude the presentation.

Sabine Verelst has worked with the Solid Waste & Recycling division of Public Works for over ten years and is a member of the Solid Waste Association of North America California Resource & Recovery Association and the San Joaquin Green Team. Sabine also holds a Master's degree in Public Administration and a Bachelor's degree in Communication.



There is no such thing as "Away"
When we throw anything away it must go somewhere.

Think Green!
Sabine Verelst



THE CRANES ARE COMING!

2 2 N D A N N U A L

Sandhill Crane Festival

November 2-4, 2018

Hutchins Street Square • 125 S. Hutchins Street, Lodi, California

FREE ADMISSION

**WILDLIFE TOURS • WORKSHOPS AND PRESENTATIONS
ART SHOW • LIVE ANIMAL DISPLAYS • FAMILY ACTIVITIES
EXHIBIT HALL WITH VENDORS AND DISPLAYS**

Learn more about the Festival and register for tours starting early September at www.cranefestival.com


Get the latest Festival news by joining our email list or following us on Facebook.

We hope to see you at the 2018 Sandhill Crane Festival!

Contact us at:

info@cranefestival.com or (800) 581-6150



SANDHILL CRANE  FESTIVAL

Lodi Sandhill Crane Association
P.O. Box 1616, Lodi, California 95241



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HAPPENING: A Clean Energy Revolution

Thursday, November 15th from 7:00 - 9:00 pm
First Unitarian Universalist Church of Stockton
2737 Pacific Ave, Stockton, CA

Hosted by the First United Unitarian Church, Stockton Citizens' Climate Lobby, and Eco Interfaith. Free and open to the public.

Filmmaker James Redford embarks on a colorful personal journey into the dawn of the clean energy era as it creates jobs, turns profits, and makes communities stronger and healthier across the US. Unlikely entrepreneurs in communities from Georgetown, Texas to Buffalo, New York reveal pioneering clean energy solutions while James' discovery of how clean energy works, and what it means at a personal level, becomes the audiences' discovery too. Reaching well beyond a great story of technology and innovation, "Happening" explores issues of human resilience, social justice, embracing the future, and finding hope for our survival. This movie is 71 minutes.



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PEACE & JUSTICE NETWORK'S ANNUAL PEACEFUL HOLIDAY FAIRE

Friday, November 30, 2018 @ 4-9pm
Saturday December 1, 2018 @ 10-4pm

Central United Methodist Church
3700 Pacific Ave, Stockton, California

The Peace and Justice Network will celebrate their Annual Peaceful Holiday Faire, offering unique gifts that support local artisans and unusual handmade fair trade gifts from global community organizations.

The Peaceful Holiday Faire is designed to provide a venue for local artists and artisans to sell their wares and to support the Network. Each year the Peaceful Holiday Faire reminds people to celebrate the holiday season, ever mindful of the need to promote peace, justice and support for our environment both locally and internationally. The goal is to have items for sale that promote non-violence, reflect the beauty of nature and sustainable living, the creativity of the spirit, the skill of the hands, and contributes to a more responsible world.

The Delta-Sierra Group will be tabling at this event selling calendars, note cards, lovely T-shirts, and of course, sharing information about the founding of the Sierra Club and what we do.



Come visit us at our table. Or if you'd like to help, contact Margo Praus margopraus@msn.com to sign up for a shift.



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Environmental Holiday Gathering

Monday, December 10, 2018 @6:30pm

Central United Methodist Church, 3700 Pacific Avenue, Stockton

Join us for this wonderful event held in a casual setting while avoiding a structured agenda. We will have Mom's Chili Boys perform their repertoire of folk, country, bluegrass and old-time songs plus a few traditional songs of the season. Of course there will be cookies and coffee, etc and perhaps a short video. We will have a display of Sierra Club calendars, cards and T-shirts for purchase. This will be a good opportunity to meet some of the people who are concerned about our environment and wish to share their ideas while enjoying the music. This event is free and you are welcome, member or not.



Photo: Tom Hora

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From the Editor:

No one can walk backwards into the future.

I had Chinese takeout with some friends the other day. The message in my fortune cookie said, “No one can walk backwards into the future.” I thought about that over the next few days and realized I must have gotten one of those “unfortunate” cookies. How wrong the message was. Metaphorically speaking, Donald Trump is taking America backwards into the future. This is just my opinion of course.



We previously reported that Sierra Club members were no longer tree huggers. In fact, we were stump huggers due to excessive clear cutting. Now when we hug trees our arms and clothes get covered with black charcoal. The fires did that. Climate change helped the fires.



Sierra Club has taken strong positions on many political fronts for the November 6 election. As I see it our hats should say, “Environment First” or “Make The Environment Great Again” rather than the hats you see at Trump’s political rallies. America cannot be first or great if it fails to value our natural world.



This is not fake news: The Intergovernmental Panel on Climate Change (IPCC) reported October 8, 2018, that “Limiting global warming to 1.5°C (2.7°F) would require rapid, far-reaching and unprecedented changes in all aspects of society. With clear benefits to people and natural ecosystems, limiting global warming to 1.5°C compared to 2°C (3.6°F) could go hand in hand with ensuring a more sustainable and equitable society.”



“With more than 6,000 scientific references cited and the dedicated contribution of thousands of expert and government reviewers worldwide, this important report testifies to the breadth and policy relevance of the IPCC,” said Hoesung Lee, Chair of the IPCC. Ninety-one authors and review editors from 40 countries prepared the IPCC report in response to an invitation from the United Nations Framework Convention on Climate Change when it adopted the Paris Agreement in 2015.

“One of the key messages that comes out very strongly from this report is that we are already seeing the consequences of 1°C (1.8°F) of global warming through more extreme weather, rising sea levels and diminishing Arctic sea ice, among other changes,” said Panmao Zhai, Co-Chair of IPCC Working Group I.

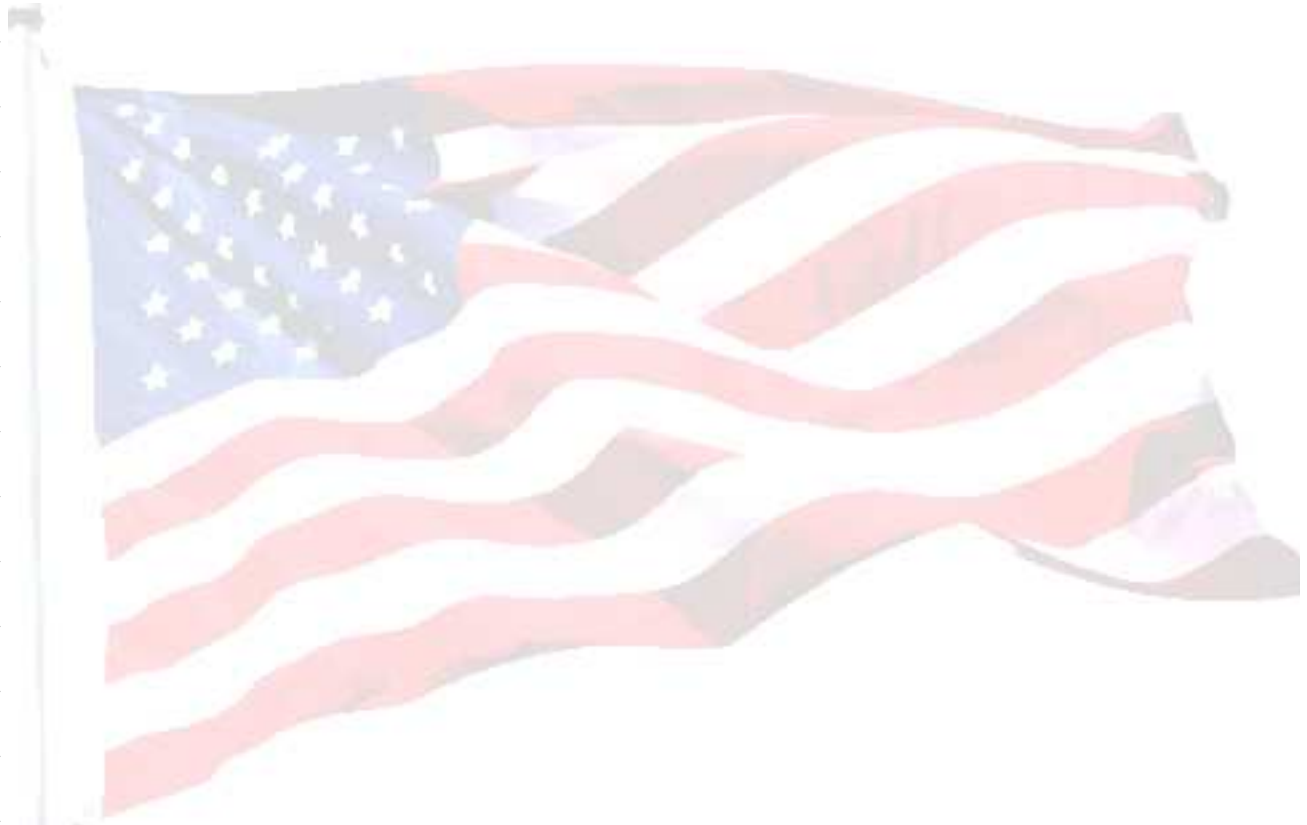
The report highlights a number of climate change impacts that could be avoided by limiting global warming to 1.5°C compared to 2°C, or more. For instance, by 2100, global sea level rise would be 10 cm lower with global warming of 1.5°C compared with 2°C. The likelihood of an Arctic Ocean free of sea ice in summer would be once per century with global warming of 1.5°C, compared with at least once per decade with 2°C. Coral reefs would decline by 70-90 percent with global warming of 1.5°C, whereas virtually all, yes ALL, would be lost with 2°C.

“Every extra bit of warming matters, especially since warming of 1.5°C or higher increases the risk associated with long-lasting or irreversible changes, such as the loss of some ecosystems”, said Hans-Otto Portner, Co-Chair of IPCC Working Group II.

“Limiting global warming would also give people and ecosystems more room to adapt and remain below relevant risk thresholds”, added Portner. The report also examines pathways available to limit warming to 1.5°C, what it would take to achieve them and what the consequences could be.

What can we do?





Watch this YouTube video with Al Gore speaking on climate change on Public Broadcasting System October 12, 2018.

<https://www.youtube.com/watch?v=CT-x-j1FeSQ>

THEN VOTE



Proposition 1 – YES Affordable Housing Bond

The bond would authorize \$4 billion to fund low-income housing developments and subsidize home loans for veterans. This measure provides an important opportunity to address California's extreme housing crisis. Sierra Club supported SB 3, the legislation that placed this bond on the ballot.

Proposition 3 – NO Water Supply and Water Quality Act of 2018

The bond would provide \$8.877 billion for various water projects and programs. The flaws in the bond will enable certain dams and other infrastructure we have opposed. It also directs to unspecified water projects a specific category of funds collected through the state's cap-and-trade program that should be used to efficiently cut climate emissions.

Proposition 6 – NO Eliminates Recently Enacted Road Repair and Transportation Funding

The measure is an attempt to repeal Senate Bill 1, the Road Repair and Accountability Act, passed in 2017 that raises about \$5.2 billion a year to fix the state's crumbling roads and bridges and improve public transit service.

Proposition 10 – YES Rent Control Initiative

The proposition aims to repeal the Costa-Hawkins Rental Housing Act. Local governments are restricted from implementing affordable housing measures to reduce displacement and rent gouging. Repealing this law would increase housing stability, particularly for the most vulnerable, low-income households.

Proposition 12 – YES Farm Animal Confinement

Prop 12 would prevent animal cruelty by phasing out extreme methods of farm animal confinement. The initiative builds on Prop 2 (2008), which restricts farms from confining pigs, calves and hens in cages. Prop 12 includes specific size restrictions for cages and bans non-compliant meat and eggs from being sold in California.



Governor: Gavin Newsom. Newsom is the current lieutenant governor and we have watched him grow into the role and become a strong voice for protecting the state's coastal waters from polluters, including the oil and gas industry. He's ready to be governor and help California continue its environmental leadership.



Attorney General: Xavier Becerra (Incumbent). Becerra has been on the frontlines of fighting the Trump Administration through the courts, including Trump's efforts to dismantle environmental protection. Becerra has done a good job and deserves to be elected to a full term as AG.



Secretary of State: Alex Padilla (Incumbent). When he first ran for Secretary of State in 2014, Padilla promised to update the way that office provides campaign finance information and improve Californians' access to voting. He has delivered that and more. We endorsed Alex Padilla in 2014 and we enthusiastically endorse him again in 2018.



Controller: Betty Yee (Incumbent). As Controller Yee sits on important boards and commissions whose actions affect environmental policy, such as the State Lands Commission and the California Public Employees Retirement System Board. She has demonstrated her commitment to reduce California's dependence on fossil fuels through her actions and leadership on the State Lands Commission. We enthusiastically endorse Betty Yee for a second term as California's controller.



Insurance Commissioner: Ricardo Lara. In the California Senate, Lara has been a champion for environmental justice and fighting climate change. He has strong, workable ideas for how the insurance commissioner can work to address climate change and its impacts in California. He's exactly the right person for this job at the right time.



Superintendent of Public Instruction: Tony Thumond.

Thurmond has consistently voted with the environment and public health as an assembly member. Before his election to the Assembly, he served on a local school board. He understands education and is committed to using his bully pulpit to advance science education, which is the foundation for smart environmental decision-making.



Susan Eggman Assembly District 13. Susan Eggman has taken a stand against the Delta Tunnels. "The Delta Tunnel project needs to die. Spending billions of dollars to send our water south and hurt the Delta estuary is a bad idea. I have served on the Delta Protection Commission for the past three years. I know how important the Delta is to our community and this region. I'll continue to oppose this project."

Visit her website at <http://susaneggman.com>

Difficult call for the Senate Race - Democratic Senator Dianne Feinstein will face a fellow Democrat, Kevin de Leon, in the California Senate election this fall. Feinstein had 44 percent of the all-party primary vote to De Leon's 11 percent. De Leon, the former president of the state Senate, has challenged Feinstein from the left on issues including health care and civil liberties. This is the second consecutive California Senate race without a Republican general election candidate. Unlike Arizona, in California if this office has a vacancy, the sitting governor may appoint a person to fill the position. There is no requirement that this person be of same political party as that of the vacating Senator.

Let's lighten up a bit. A retired Danish sailor lived alone on a small island. Because of global climate change and rising tides, he had to move to higher ground on another nearby island. He had a fox he raised as a pup, a goose and a bag of GMO corn. Unfortunately, his boat was so small he could only move one thing at a time. Also, he was afraid that if he left the goose alone, it would eat the corn. If he left the fox and goose alone, the fox might eat the goose.

Spørgsmålet er, hvordan han flytte disse ting til anden ø? (Remember, he is Danish.)

Translation: The question is how did he move these things to the other island? Don't think too hard on this one. Answer on Page16.



Former Delta-Sierra Group Chair, Nan Ballot, discovered a devise/tool from the past that has been repurposed for use with our climate changing world. First, I must explain.

In 1950 my dad bought a brand new house in Hayward California. It had 3 bedrooms, 1 bath, 1 gas heater more less centered and designed to heat the whole house, 1 apricot tree where an orchard used to be and a 1 car garage. We had 1 car. Like today, it was rarely parked in the garage. This house, which was less than 1000 square feet, cost exactly \$8000 with \$50 down. Now, \$50 was hard to save back then. (To maintain some perspective, at my previous job someone came over to our area and asked if anyone had change for a \$100 bill. My firefighter colleague calmly replied for all of us, "That is change!")



Typically, after moving in, the owner set about planting a lawn. The soil was raked and leveled using two 8-foot 2 by 4's nailed and joined to make a 16-foot board. This was pushed back and forth until the ground was more less level. Then a steel roller was borrowed or rented and filled with water. Dad rolled that patch of earth until it was flat and ready to plant. Back then there was no sod, no lawn sprinkler systems, no landscape companies and no gas or electric mowers. Surly the American Dream was a type of self-imposed slavery. That real estate would cost you about \$550,000 today.

So, all that history just to get here – that roller has been modified and is used to transport water in developing countries. It is called the Hippo Roller.



The Hippo Water Roller was developed in 1991 by two South Africans in response to the daily struggle of rural women and children across Africa to access safe, drinkable water.

The 90 liters (about 24 gallons) Hippo Water Roller is a strong and durable barrel-shaped container equipped with a steel handle with which it can be pushed or pulled.

The design of the Hippo Water Roller allows water to be placed 'inside the wheel' so that the weight is borne on the ground and distributed over a wide rolling surface.

The effective weight of the 90 kilograms (about 200 pounds) drum is just 10 kilograms (22 pounds) when pushed or rolled on level ground, making it very user friendly for women, children and the physically weak. Specifically designed for daily use in tough rural conditions, including uneven surfaces, gravel roads and sharp stones. It has a long lifespan of 5 - 7 years. The cost is about \$125 each.

It even has an optional upgrade. You can add a strong screen platform to create a flat area for transporting things. This steel frame converts the Hippo Roller into a simple trolley for transporting products to preferred high traffic customer market locations, and then into a stand for product display.

Estimates vary, but each person here in the United States uses about 80-100 gallons of water per day. This means you'll need 4 Hippo Rollers filled every day. Imagine getting your water this way.



WHICH TAKES THE MOST WATER?



1

In your morning cup:
Coffee or tea?



2

Your shirt:
Cotton or polyester?



3

Lunch:
A small pizza
margherita or a
cheeseburger?



4

Drink:
An 8-ounce glass of
milk or a 17-ounce
bottle of cola?



Some crops are thirstier than others, and irrigated processed crops use the most water. Even so, most plant-based foods use less water than animal products. Thus tea at 7.9 gallons requires less water than coffee at 37 gallons.

Polyester (92 gallons) beats cotton (713 gallons). Here's something you probably didn't know about your favorite T-shirt: Cotton needs a lot of water, requiring up to 2700 liters (713 gallons) to grow enough for just one T-shirt.

Pizza at 333 gallons beats a Donald Trump cheese burger at 660 gallons and cola at 46 gallons beats milk at 54.9 gallons.

A loaf of bread requires about 240 gallons of water, and a pound of cheese takes about 382 gallons. So a simple cheese sandwich takes about 56 gallons of water. Source: Nature Conservancy September 2017



Let's face it, You were provided with a lot of superfluous information intended to throw you off for the riddle on Page 12!

Trip 1 He takes the goose across and leaves it on the new island.

Trip 2 He returns alone to the old island.

Trip 3 He takes the bag of GMO corn across and leaves it on the new island.

Trip 4 He returns with the goose and puts it on the old island they were leaving.

Trip 5 He takes the fox across and leaves it on the new island with the corn.

Trip 6 He returns alone to the old island.

Trip 7 He again takes the goose across the new island where the fox and bag of corn wait.



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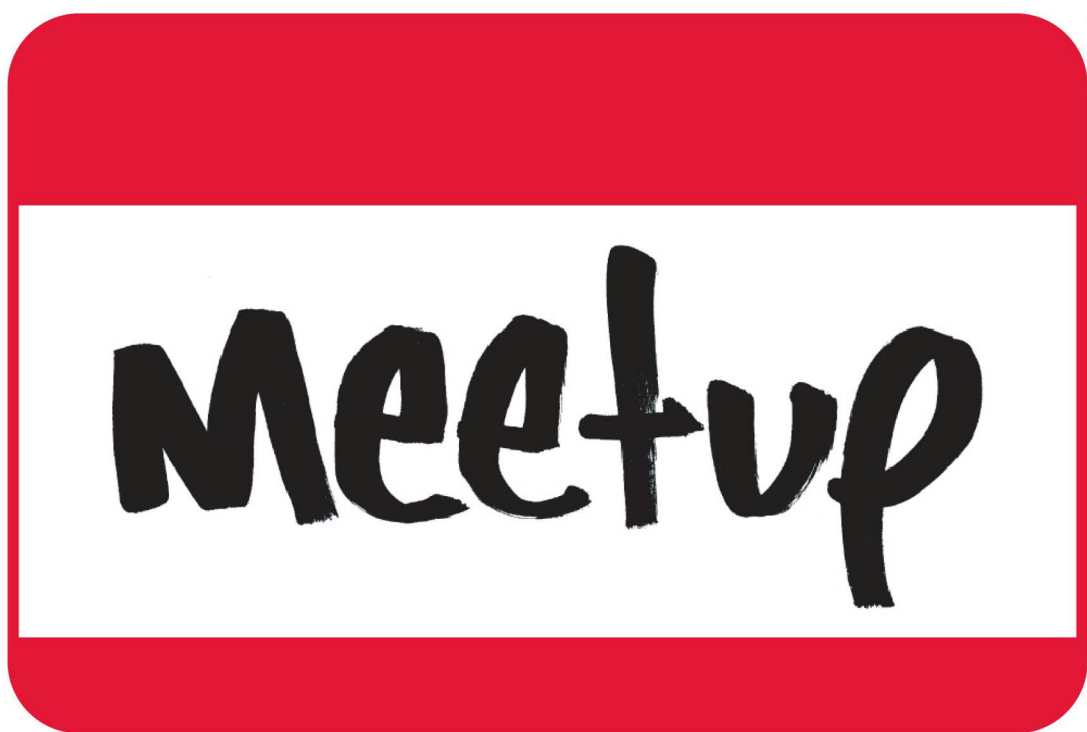
Phone: (209) 576-6425

Email: <https://ad12.asmrc.org> (Go to "EMAIL US" on this page.)



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Stockton, Modesto and Sonora Sierra Club
Find us at: <https://www.meetup.com/S-M-S-SierraClub/members/28813452/>



We have been in operation since October 2011 and we now have 1629 members. You can find our local Sierra Club activities posted there.



Executive Committee with Email Addresses

You must copy and paste an email address into your email program.

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Treasurer & Chapter Delegate: Richard Abood
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THE LAST PAGE



**Please recycle the
Peatduster by
sending an email
copy to your
friends.**



**Sooner or later, we will have
to recognize that the Earth
has rights, too, to live
without pollution. What
mankind must know is that
human beings cannot live
without Mother Earth, but
the planet can live without
humans.**

**Evo Morales
President of Bolivia**



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