

eco-logue

Explore, enjoy and protect the planet

Vol. 42, No. 3 Rochester Regional Group Sept. 2012 - Nov. 2012

Sierra Club Halloween Fun and Festival **VOYAGE TO ANTARCTICA**

All Are Welcome - Kids of All Ages Saturday, Oct. 20, 5 pm, King's Bend Park, Pittsford

Join us for an evening of fun and games as we celebrate the beauties of the highest, windiest, coldest continent on our planet. There will be a scavenger hunt for hidden Antarctic animals and birds, a prize for the best Antarctic animal/bird costume, and a close-up look at Antarctica by Peter Debes, Vice Chair of the RRG.

Peter traveled to the Antarctica Peninsula in February and March this year and will show pictures and movies of the amazing landscapes, icebergs, birds, and animals that he saw there. It is a place teeming

with wildlife, but there are signs of trouble in this paradise. Learn about the changes that are happening at the South Pole and what we can do to help protect it.



Images from Pete's trip to Antarctica

Schedule:

5:00- 5:15 PM: Antarctic wild-thing costume show. Come dressed as an Antarctic animal or bird. Every costume wins a prize.

6:00 PM: Dinner – Pizza, snacks and refreshments available

6:30-7:30 PM: Antarctica slide show and talk

Suggested donation: \$12/ adult, \$5 /child (ages 3-12) Family maximum \$25

Your donation helps us carry on the vital work our volunteers do to protect our planet.

Directions: South Lodge, King's Bend Park, 170 West Jefferson Rd. Go South on Clover St. to Jefferson Rd., turn left, and look for

Park entrance on your left.

Sierra Club Partners with Greentopia on Recycling

We are so proud to be partnering via our Zero Waste Committee with the folks at Greentopia. Thanks to festival recycler extraordinaire Dave Goldman and many others, we'll be coordinating the festival's Recycling Rangers, the volunteers who will staff the many waste stations. They'll be assisting festival-goers with separating their waste to throw into the appropriate

containers—compostables, returnables, recyclables, and garbage—which we'll naturally be trying to minimize.

We will also be there talking to folks about fracking and other local environmental issues, too.

We need you! To volunteer, either by joining the Recycling Rangers or to help at our Sierra Club table, please call 585-234-1056 or e-mail lci msw@hotmail.com.

Greentopia Eco-Fest details: Sept. 15 & 16, 10am-6pm.

NOTE: There's a lot more to Greentopia than the 2-day Eco-Fest! A bike ride, films, food, a business conference, and more—check out their website, Greentopiafestival.com.

It's Sierra Club Calendar Season! See Page 7 for an Order Form.

It's not too early to support our local Sierra Club Group by ordering 2013 calendars and appointment books. They make wonderful, low-cost holiday gifts and the profits for calendars purchased through us (not bookstores) directly help your local Sierra Club work on environmental issues.



From the Chair: Climate Change, Fossil Fuels, and Money

For the last approximately three years, climate change has been Sierra Club's number one priority. This is evident in the name established by the National Club for all priority activities: Sierra Club's Climate Recovery Partnership. Under this umbrella fall these five related campaigns: Beyond Coal, Beyond Oil /Green Transportation, Beyond Natural Gas, Protect America's Waters, and Resilient Habitats. Together, it's easy to see that the Climate Recovery Partnership advocates moving away from fossil fuels, and protecting our water and the other natural places needed for life of all kinds to continue to live on Earth.

As always, professor and author Bill McKibben paints an extremely clear—and extremely readable-picture of where we are now relative to climate change, this time in Rolling Stone magazine, with his article "Global Warming's Terrifying New Math" (read it online at rollingstone.com/politics/news/ global-warmings-terrifying-newmath-20120719). Bill lays it out plainly: first, a conservative global scientific consensus on how much total warming the Earth can handle before disastrous loss of life is incurred (2-degrees Celsius, we've already hit .8 degrees), how much

more carbon dioxide we can pour into the atmosphere before that temperature increase is all but guaranteed (565 gigatons), and finally how much carbon dioxide is represented by the fossil fuel that the industry and fuel-rich nations already have in their reserves (2795 gigatons). Yes, if all of that fossil fuel is burned, we'll all be cooked, almost five times over! Bill then notes that the fossil fuel industry is motivated, of course, by the money they plan to make on those reserves.

A recent Sierra Club report titled Clean Energy Under Siege: Following the Money Trail Behind the Attack on Renewable Energy traces many efforts by moneyed interests to undermine renewable energy. It points to the book Merchants of Doubt, in which authors Naomi Oreskes and Erik Conway describe intentional mis-information campaigns (like that of the 1950s and 60s cigarette debates) that undermine the credibility of traditional scientific research and current facts on renewable energy, substituting their own "scientific" conclusions-valid or not. Another book, Climate Cover Up by James Hoggan, is a selfdescribed "story of selfishness, greed, and irresponsibility" by

those who stand to lose significant sums if actions are taken to mitigate climate change.

Where are we locally in this story? Many local residents are tirelessly working to protect our Towns and NY state from the devastating effects of hydraulic fracturing (fracking) for natural gas—health effects, water & other habitat contamination, not to mention significant carbon emissions from the use of natural gas compared to renewables, especially when the whole life-cycle from drilling to burning is considered. We have good reason to want to avoid these consequences; it's our very lives that are at stake. What are the reasons given by those who are in favor of fracking? There's just one: money. Granted, some Americans are in dire straits in today's economic climate, and are driven by self- preservation. But the fossil fuel industry sees only green—and not the kind we'd like to preserve for our children and grandchildren.



Linda Isaacson Fedele Chairperson, Sierra Club Rochester Regional Group

City Announces Centennial Celebration of the Washington Grove

By Peter Debes

In 1912, the City of Rochester purchased the old-growth forest which lies east of the Reservoir at Cobb's Hill Park. On Friday, September 28, the City will hold a special ceremony to rededicate this amazing forest. In 1912, the forest contained many beautiful old oaks and American Chestnut trees, and the City wished to preserve it as a natural area to complement Highland Park and Mount Hope Cemetery. In 1932, the City dedicated this forest as the Washington Grove in honor of our first president.

By that time, most of the chestnut trees had fallen to the chestnut blight, so children from School #1 on Hillside Avenue helped replant sugar maples in the areas left open by the chestnut trees.

Recently, the City began intensive work to remove invasive trees and other plants which were threatening to crowd out native species.

Many volunteers (including Sierra Club and Adirondack Mountain Club members and area residents) are working with the City to accomplish this goal. This work will help ensure that the Grove continues to resemble the origi-

nal forests that were here in the early 1700's.

Tentative plans include a dedication ceremony at 1:00 pm with Mayor Richards, a planting of sugar maples by School #1 children in the Grove, and an evening slide show with historic pictures of the Grove and the building of the reservoir. Mark your calendars and watch for details on the City website, the Sierra Club electronic newslist, and local newspapers. You may also call us at (585) 234-1056.

Announcing High School Essay Contest Winners

This summer we received a number of essays from local high school students in response to our essay contest on the topic: "Climate change is a vital topic which should be addressed in the election debates." See the winning essay below. We congratulate Brandon Keough, the lucky, knowledgeable, and talented first prize winner of \$100.

Honorable Mentions go to these students who also submitted extremely well-written essays: **Matias Korfmacher**, 10th grader at Brighton High School **Jared Leader**, 11th grader at Greece Athena High School

Climate Change: A Vital Topic for Election Debates

by Brandon Keough, 11th grader at Rush-Henrietta High School

It is no secret that climate change can and will affect the human race in its entirety. It is also known that a solution must be found in the near future. How is it possible, then, that this subject is ignored in election debates? Is the topic too broad to be addressed in such a setting? Perhaps politicians feel that it is beneficial to them to simply ignore the topic rather than face it head on. Whatever the reason, modern times insist that climate change be addressed wherever possible. Election debates could be the perfect stage for drawing attention to this topic. and also for influencing those who can make a difference to take action.

Climate change is a problem that can be remedied in part by small actions taken by many people. However, in order for this to happen, the general public must be made aware of the issues at hand. While elections and debates bring publicity to many challenges faced in our world today, cli-

mate change is often ignored by politicians, although they possess the influence to bring increased awareness to the topic. Since climate change is being driven in part by the depletion of resources such as fossil fuels, water, and even food, small changes made by many individuals can have a huge impact. With humans acting as the catalysts in this process, even efforts such as car-pooling to save gasoline can begin to make a difference. Election debates could bring the wide-spread awareness that is a prerequisite for these changes to occur on a massive scale.

In order for the topic of climate change to become more commonly discussed in election debates, we must try to understand why politicians choose to ignore it. It is possible that climate change seems to politicians to be a dangerous topic. Perhaps corporate interests may not support the inclusion of climate change in debate topics. It is often in the best interests of corporate groups to ignore environmental issues.

Politicians may respond to this by avoiding the topic. Perhaps since climate change is not an issue that politicians can promise a solution for, they choose to ignore it instead. If this is the case, politicians must understand that the decision to simply discuss and address the issue could be viewed very positively by the general public, and potentially even earn votes. In addition, politicians must learn to handle the topic. Since climate change is such a broad issue, it could be difficult for the majority of the population to grasp what the politician is suggesting or discussing about the topic. Therefore, arguments in debates should be focused on smaller aspects of climate change.

Climate change is most certainly a vital topic that requires attention in election debates. The problems associated with climate change have lasting impacts on the global community. The attention that politicians could bring through election debates could play a large role in combating climate change.

Essay Contest for High School Juniors & Seniors: Teachers, Please Take Note!

The Sierra Club Atlantic Chapter Population Committee has received a grant from Sierra Club National's Activist Network to offer a state-wide essay contest for high school juniors and seniors. The best essay on the topic *Are There Limits to Growth? Population, Consumption and the Environment* will win \$500! Additional prizes may also be offered.

If you are a high school teacher teaching a relevant subject such as science, social studies, or economics, please involve your students! We are developing a lesson plan to help you along, and one of our committee members may be able to come to your classroom to introduce the topic and the contest.

The contest will be offered in the 2012-13 school year. We

will be posting details at www. newyork.sierraclub.org/

Think about how you might encourage participation, even if you aren't a teacher. Encourage students you know to participate, reach out to schools in your area, and/or help us judge essays next spring. For more info or to participate, contact: ddbuxbaum@earthlink.net or k_schwarz54@yahoo.com.

Swimming in Canadice Reservoir?

by Hugh Mitchell

It's hard to believe but true. Recently Hal Bauer, Chapter Chairperson of the Wilderness and Wildlife Committee, was canoeing in the north end of Canadice reservoir and saw a larger-sized motor boat dragging floats for two guys who were casually swimming across the lake. Apparently they'd already swum to the west side and were now on their return trip. Even more amazing, considering Hemlock/Canadice are reservoirs that provide drinking water to Rochester, two men were recently caught jet skiing in Canadice reservoir.

When the City owned Hemlock/ Canadice lakes, they were pretty strict about protecting the Upland Watersheds as well as the purity of the water in the lakes. Right up until New York purchased the city acres, permits were required to use the area. But now that it's categorized as State Forest Land, public attitudes toward using Hemlock/Canadice appear to have radically changed.

As well as swimming, we've observed or had reports of camping,

picnicking (with garbage on the shores), fire building, and other illegal land or water activities in the 8.200 acres. On a recent walk around the south end of Canadice, my wife and I came across a blackened oak approximately 175 years old which had been killed when someone built a fire inside it. This spring there was a wellmeaning publicity proposal for a flotilla of up to 50 watercraft to cruise Hemlock after a picnic. It's obvious that the public no longer thinks of Hemlock/Canadice as reservoirs but as a new public playground.

Although it would seem that the DEC has taken a hands-off approach to the area, this is not true. In fact they have ranger patrols there every weekend and they hired a staff person this summer to educate users about permitted uses of the area, but problems persist. Part of the reason lies with the broad regulations which apply to State Forest lands. The draft of a special Unit Management Plan for the area with stricter regulations for its use was completed this spring but it now sits in draft copy in Albany waiting for review

and a public hearing which, I understand, could take over a year. Obviously we need to change the new public perception of Hemlock/Canadice as a wonderful recreation area open for all uses and return to the City's codes. primarily protecting and preserving the area first as reservoirs, and secondarily for limited outdoor recreation like canoeing, fishing and hiking. It should be possible for DEC to issue 'special use permits' with high fines attached for violations like swimming in city reservoirs.

If you are using Hemlock or Canadice for canoeing, kayaking, hiking or other legal uses and see obvious violations you can call one of the two DEC rangers who patrol the area.

Ranger Dan Cordell, DEC for Livingston County:

(585) 768-8309

dscordel@gw.dec.state.ny.us

Ranger Pat Dormer, DEC for Ontario County:

(585) 905-7898 pdormer@gw.dec.state.ny.us

If they can't be reached, you can call 911.

Rochester Sierra Club Outing: Sunday, October 14, 2012, 3pm

The Nature of Black Creek: A Fall Kayak/Canoe Paddle

Explore the natural beauty of Black Creek at Churchville Park on a leisurely paddle by canoe or kayak. There will be lovely Fall foliage and the creek offers possibilities of sighting beavers and otters, and migrating fall birds. The current is slow and paddling easy, and there will be frequent stops to study trees. wildflowers, ferns, and wildlife. Guiding will be naturalist Peter Debes and kayaker Val Rice. Bring your own kayak or canoe. We will put in and take out at Churchville Park. Please arrive a little early to prepare your boat. Questions: Call Peter Debes, 585-820-2018. Rain Date, Oct. 21, same time and place.

Directions: Meet at Churchville Park in Churchville, NY.

- Follow Interstate 490 west from Rochester, NY to Exit 3 on State route 36.
- Turn north on route 36 to the center of Churchville, NY.
- From the middle of Churchville continue north on route 36 through the village on Main Street and cross Black Creek.
- Turn west/left into Churchville Park.

Reaching Out

The Great Lakes Committee is working on sharing our mission and communicating with a larger audience. We've created a new Facebook page. Please "like" us at Great Lakes Committee Rochester Regional Sierra Club to stay informed on our upcoming events, follow links to Great Lakes Resources and share your ideas regarding our water.

Another new initiative from our committee is the development of a water conservation survey. Please take a few minutes to complete this survey at http://www.surveymonkey.com/s/LF-SPYBX. The results will help our committee plan future educational events in our community.

An Anti-Fracking March on Washington with My Son

By Wendy Sisson, Avon, NY

In April, a friend asked whether I planned to attend a board meeting about the hydrofracking moratorium proposed for our town. A few months later, I found myself on the bus to Washington. With me was my seven-year-old son Liam. We had learned about hydro-fracking and had gone to town meetings as a family, so I thought bringing him along made sense. My husband was skeptical; he didn't think Liam would "get anything out of it" at such a young age.

Liam was a great sport on the trip. He sat out in the heat of the day listening to the speeches. I pointed out that people from as far away as Australia had come to show support. He asked guestions, and waved his "Cuomo - No Fracking" sign. We shared stories with people we met - stories that were different, yet the same. Hydro-fracking threatens what we want for our families, our communities, and our earth, and it is important enough that we need to take a stand. Many people stopped to take Liam's picture. They all asked essentially the same thing: "Does he get it?" I had to admit that I was not really sure. There were very few other children at the rally. I wondered whether it was because other people thought (or knew?) their kids "wouldn't get it". As Liam slept on the way home, I pondered whether the joy of playing in the fountain at the end of the march would eclipse his memories of the march itself.

Then, the next day, Liam asked out of the blue if we heat our house with natural gas. I said no, with fuel oil. He asked if that was better, and I replied "not better, just different". He asked why we don't use solar or geothermal energy, and I replied that I thought those systems were expensive to install. He looked at me very seriously and said "money is less important than the earth". He then

told me that before he plays hockey in the NHL, he is going to be president so that he can "outlaw fracking."

Kids may not understand the science behind hydro-fracking (neither do I) or be able to fathom the impact it has as it moves



Wendy Sisson holds up her son Liam, 7, during the Stop the Frack Attack march in Washington D.C. on Saturday, July 28, 2012

through a community (who really can, unless they live it?), but I can

tell you now with absolute certainty: they definitely "get it."

Vegetarian/Biodiversity Committee DVD Potluck Series

Margie Campaigne and Denise Speicher are pleased to announce the first three in what will be an ongoing series of DVD showings plus vegetarian potlucks. Our first selection will be Forks Over Knives, the recent and popular documentary. From FoodsForYourSoul. com: "The film suggests that Americans are simply eating themselves to death with their unhealthy food choices like fast food, junk food, and excessive amounts of meat. The movie does a good job showing us this fact and explains some of the why behind it, citing research from the China Study and studies done by Caldwell Esselstyn, Colin Campbell, and John Mc-Dougall. It also introduces us to the idea that what we eat has more than just health implications, but also environmental ones."

The second DVD is titled *Earth Talk* with Howard Lyman, a.k.a The Mad Cowboy. "In late 2002, Lyman teamed up with the 3 Angels Broadcasting Network (3ABN) to produce a video series on topics and issues related

to our environment and the Earth. Eight of these segments have been selected for this inspiring, thought-provoking, and fact-filled DVD: "Garden of Eden, Spongiform, Politics, Transportation, Urban Waste, Birds, Recycling, and Biodiversity."

Third in the series will be Stopping Cancer Before It Starts, with Doctor-Chef Michael Greger, M.D. "In this dynamic and engaging presentation, Dr. Michael Greger reveals the top dozen whole plant superfoods that may block and even reverse the four steps of tumor formation, and then demonstrates how to prepare quick, tasty, nutritious recipes so you can enjoy the benefits."

See the calendar* for dates and times. The vegetarian potlucks will be held in Margie's home, and an RSVP to 288-2224 is required, as there is room for only 6-8 guests.

*Note - 1st date is Sunday, 9/9, 5:30 pm, 2nd date is Sunday, 10/21, 3rd date is Sunday, 11/11.

Saving Water

by Laura Arney and Holly Wheeler, Great Lakes Committee

The Great Lakes Committee invites you to participate in protecting our water.

Precious is the water which is pure and clean. It refreshes the body. Water makes the earth productive and green. It supports life. Why do we need to worry? Americans use water at an astonishing rate and the clouds can't recycle the water quickly. This summer we saw record amounts of drought which took a toll on our water reserves without much replenishment. Climate change is affecting rain fall - water can't be taken for granted.

The water in our Great Lakes is mostly ancient water, derived from the glaciers melting. Native rain only returns annually 1% of the water in the five Great Lakes. Our watershed is small and population is large - Detroit, Chicago, Toronto, Buffalo, Rochester, and Syracuse.

Where do we begin? With you! I bet you already do some things that contribute to water savings. We are collecting ideas and actions for saving water. We want to

publish these ideas on our webpage to share how simple steps can make an impact.

Think about these categories of water use:

- Drinking, cooking, preparing food
- 2. Producing food
- 3. Cleaning
- 4. Nurturing plants, animals and trees.
- 5. Using energy (energy production = lots of water)

Here are some water conservation ideas that we've received.

Sinks:

- I switched over every sink (gradually) to single lever control to allow me to set the water temp more efficiently, reducing water lost that is too hot or cold.
- I don't run the water to clear the pipes of old water. I close the sink drain and run water into the basin. I use that water to wash my hands. In the kitchen I use a bowl in one basin to collect water to start dish washing.
- I wet my hands, then use my forearm to shut down the flow, work in the soap with the water

off, and use my forearm again to turn the water flow back on.

Outdoor water:

 I wash my car on the lawn, not the driveway, using biodegradable soap. I don't want the soapy water to flow to the storm drain, going to the treatment plant and the lake. The water filters into the earth and the natural critters process the soap. The vegetation benefits from the water and the water table underground receives filtered water.

Toilets:

• I don't flush the toilets every time I empty my bladder.

Showers or tub:

I collect water in a pan while
 I wait for the water to reach
 a nice temperature instead of
 letting it be wasted down the
 drain. This water can be used
 for cleaning or collected for
 house plants.

This is just a start. Send us your ideas so we can learn from each other to conserve and protect our water! GreatLakesCommitteeSC@ gmail.com or our Facebook site: Great Lakes Committee Rochester Regional Sierra Club.

Treat Fracking Waste Water in Monroe County?

by Linda Isaacson Fedele

In a July 25 Democrat and Chronicle article, a Monroe county spokesperson said that the County will not rule out accepting fracking waste water for treatment by our municipal waste water treatment plants.

This is cause for great concern. Each instance of fracking waste water is known to contain some subset of over 500 different chemicals used by the industry to make the water used to shatter the shale more effective. Many of these chemicals are known carcinogens. The waste water also contains radioactive elements and high concentrations of salts that are naturally

occurring deep underground and come back up with the chemical-laced "flow back" waste water.

Both of Monroe County's waste water treatment plants, Van Lare and Northwest Quadrant, sit on the shore of Lake Ontario, where they dump their treated water. Most Monroe County residents are supplied with tap water by the Shoremont Water Treatment plant, which takes in water from Lake Ontario. So, if those carcinogens, radioactive elements, and concentrated salts cannot be adequately removed, we will be drinking them, not to mention the damage that they will cause to the life in our Great Lake.

Currently, our waste water treat-

ment plants cannot remove those harmful elements, as they use a biological process that is meant to treat primarily household sewage. Has a proven process been developed that yields safe drinking water from fracking waste water? Let's not gamble with our health and that of our Lake Ontario. Several local municipalities have passed regulations prohibiting not only fracking within their borders, but also all associated activities like accepting waste water (and others). Let's urge our County leadership to follow suit. To sign the petition, email asears@rochester.rr.com. Write to or call our County leaders, too.

Enjoy, explore and protect the plane

2013 Sierra Club Calendars Our biggest annual fundraiser!

Purchases from bookstores do not benefit the Rochester Regional Group.

Great for holiday gifts!

Please mail all orders to: Sierra Club, Calendar Sales PO Box 10518 Rochester, NY 14610-0518

For questions or large orders, call 585-271-0544

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6 or more: call 585-266-5376 t	or pricing	Sales Tax:	
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Doing Our Homework

by Lou Grinzo

We environmentalists can be an odd lot at times. We're ferociously devoted to issues like natural gas fracking, climate change, fresh water use, and the great granddaddy of them all, sustainability. Yet far too often we fall into the inviting trap of relying on each other for simplified (or even simplistic) messages and conclusions, which occasionally turn out to be incorrect. If we're to assess current public policies from an environmental standpoint -- and we bloody well should -- and then become advocates for better policies -- ditto -- then we have to know what we're talking about or we risk making the hideous and counterproductive error of working against our own cause.

The fix for this problem is as simple as it is unsexy: Each of us has to be much more aggressive in learning about the vast array of topics relevant to whichever environmental issue speaks to us. For climate change, this includes everything from the basic "feeds and speeds" about past and current CO2 emissions for the world and each country, the rising issue of

non-CO2 emissions (most notably methane), as well as the higher level concerns about infrastructure changes, and the frequently unacknowledged monster under our bed, the timing aspects of further locked-in warming and how long it will take to change how we do or fuel basically everything in our mobile and electrified world.

Let me un-glaze your eyes with a specific example: Natural gas (NG) powered cars. I can't tell you how many times I've heard committed environmentalists talk in glowing terms about the benefits of NG vehicles. Well, here's the nasty truth: On a per-mile basis, a NG car emits only about 20% less CO2 per mile than an equivalent gasoline powered model. In fact, if you look at the Honda Civic, which is available in non-hybrid gasoline, non-plug-in hybrid gasoline, and NG versions, you find out that the gasoline version is worst, as expected, but the NG version comes in second at 19% less CO2 per mile than the gasoline model, and the hybrid is another 10% better than the NG variant. And note that the Honda Civic Hybrid is not a plugin hybrid, like the Chevy Volt,

which allows drivers to go weeks or even months without burning any gasoline at all; if it were, and you had the option of using zero carbon electricity as people in some parts of the US do, you could dramatically reduce your transportation carbon footprint without increasing the demand for NG, fracked or otherwise, by even a single cubic foot.

Add to this the long lead time needed to convert a sizable portion of the US transportation fleet to NG vehicles plus the urgency of our climate change mess, and it's clear that even if you could magically extract all the natural gas you wanted with zero leakage and zero fracking pollution, it would still be a very bad idea in the long run.

But please don't believe me -- do your homework and find out for yourself. You might want to start with SkepticalScience.com, a consistent source of reliable information.

Lou Grinzo is a writer who's been doing his homework and blogging about energy and environmental issues for nearly a decade.



Rochester Regional Group of the Sierra Club P.O. Box 10518 Rochester, NY 14610-0518

585-234-1056

http://newyork.sierraclub.org/rochester Find the Rochester Regional Group on Facebook and LinkedIn!

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Fall 2012 Calendar

All Committees are local volunteer groups of the Rochester Regional Group of the Sierra Club

Date Day Time Calendar/Event **Place** Sept. 4 6:30-8:30pm **Executive Committee Meeting** Harro East Bldg., Suite 600 Tuesday Sept. 9 Sunday 5:30 pm Vegetarian Potluck DVD Series:Forks Over Knives RSVP at 585-288-2224 for location Sept. 10 Monday 6:30-8:30pm Global Warming & Energy Committee Meeting Crossroads Coffeehouse, 752 S. Goodman Sept. 15 Saturday 10:00 am -Greentopia Eco-Fest High Falls District, Rochester & 16 & Sunday 5:00 pm Sept.25 Tuesday 4:30-7:00pm Zero Waste Committee 494 East Ave Sept. 25 Tuesday 7:00-9:00pm Great Lakes Committee Meeting Twelve Corners Middle School Library 2643 Elmwood Ave. Sept. 28 Friday 1:00 pm Washington Grove Centennial Celebration Cobbs Hill Resevoir Nunda Blvd. entrance Oct. 2 6:30-8:30pm **Executive Committee Meeting** Harro East Bldg., Suite 600 Tuesday Oct. 8 Monday 6:30-8:30pm Global Warming & Energy Committee Meeting Crossroads Coffeehouse, 752 S. Goodman Oct. 14 Sunday Sierra Club Outing: The Nature of Black Creek -Churchville Park, Churchville, NY 3:00 pm A Fall Kayak/Canoe Paddle Rt. 36/Main St., just past Black Creek Oct. 20 5:00-7:30pm Saturday Sierra Club Halloween Fun and Festival King's Bend Park 170 Jefferson Rd., Pittsford RSVP at 585-288-2224 for location Vegetarian Potluck DVD Series: Earth Talk Oct. 21 Sunday 5:30 pm Oct. 23 Tuesday 4:30-7:00pm Zero Waste Committee 494 Fast Ave Oct. 23 Twelve Corners Middle School Library Tuesday 7:00-9:00pm Great Lakes Committee Meeting Presentation: Sociology of Water - Bethany Gizzi, 2643 Elmwood Ave. Environmental Sociology at MCC Nov. 6 Tuesday 6:30-8:30pm **Executive Committee Meeting** Harro East Bldg., Suite 600 Nov. 11 Sunday 5:30 pm Vegetarian Potluck DVD Series: Stopping Cancer RSVP at 585-288-2224 for location Before it Starts Nov. 12 Monday 6:30-8:30pm Global Warming & Energy Committee Meeting Crossroads Coffeehouse 752 S. Goodman Monday For location, e-mail lci_msw@hotmail.com Nov. 26 6:30 pm **Newsletter Mailing Party** or leave a message at 585-234-1056 Nov. 27 Tuesday 4:30-7:00pm Zero Waste Committee 494 East Ave Twelve Corners Middle School Library Nov. 27 Tuesday 7:00-9:00pm Great Lakes Committee Meeting 2643 Elmwood Ave.

All Executive Committee meetings are open to Sierra Club members.

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