

# TheMackinac

PUBLICATION OF THE SIERRA CLUB'S MICHIGAN CHAPTER • SPRING/SUMMER 2013

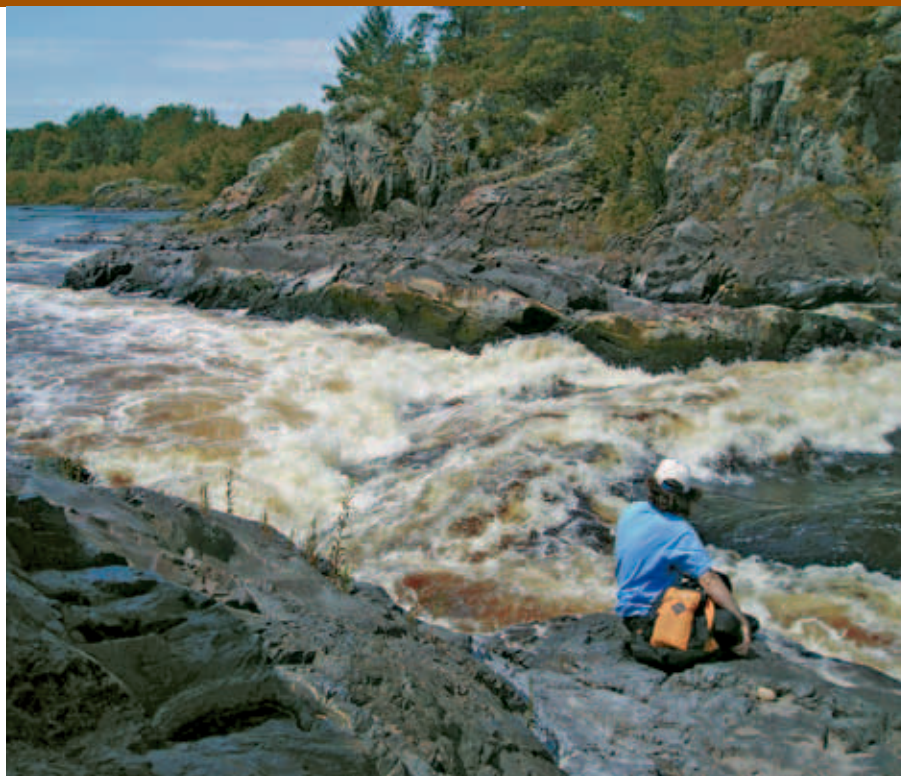
## Protecting Water in Our Lake-Locked State

by Anne Woiwode, Chapter Director

**Y**ou can't think of Michigan without thinking about water. Our boundaries are largely drawn by the Great Lakes or rivers. Water is critical to our existence, whether in wild places or human-designed spaces. We take water for granted here — but we can ill-afford to do so.

Everything Sierra Club does in Michigan is tied to water in some way. Climate disruption is already affecting the Great Lakes, and more unpredictable weather, from drought to catastrophic rainfall, is a real threat. We fight to halt and reverse climate disruption caused by burning fossil fuels and methane emissions from poorly handled wastes or fracking for oil and gas. Even clean energy choices must assure that our amazing aquatic ecosystems are protected. We advocate for ecologically based forest management to protect headwaters of our streams and rivers and to keep carbon locked up in intact ecosystems.

We understand that everyone lives downstream and work to protect our drinking, swimming and fishing waters from polluting discharges from factory farms and massive city stormwater and sewer systems. We know that even though Michigan is surrounded by one-fifth of the world's fresh surface water, that groundwater is intimately connected with our well-being. That means contaminating this precious resource with fracking fluids, human or animal wastes, or depleting these limited reserves hurts not just Michiganders today but may



RIITA CHAPMAN

Dave Chapman sitting on a rock in the Menominee River, June 2007.

**“Water is the driving force in nature.”**

– *Leonardo da Vinci*

hurt all future generations. So we work hard to prevent and require clean-up of these dangerous practices.

In keeping with our 120-year tradition, Sierra Club also provides ways for you to enjoy and explore Michigan's magnificent waters through outings and programs like our Annual Retreat on Lake Michigan. Getting to know beautiful lakes, rivers, wetlands and beaches

is part of learning the importance of protecting them. There's a reason we live in Michigan, and water is at the center of that.

Come on in — the water is fine — and we at the Michigan Sierra Club invite you to join us in this work and play! Find out more inside this newsletter.

## IN THIS ISSUE

**Join us for the 24th Annual Sierra Club Michigan Chapter Retreat on August 23-25 at Camp Miniwanca on Lake Michigan. Find details on pp. 14 and 15.**



**SIERRA CLUB**  
FOUNDED 1892

Explore, enjoy and protect the planet.

## THE MACKINAC

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GAIL PHILBIN

# In the Spotlight

## Water, Water, Everywhere

by Jean Gramlich, Michigan Chapter Chair

**W**ater. We in the Great Lakes State take it for granted. Yet, our water supply is threatened by climate disruption, pollution from many sources, and huge withdrawals for fracking and other industrial uses. In this issue, we look at many of these threats and what we can do about them.

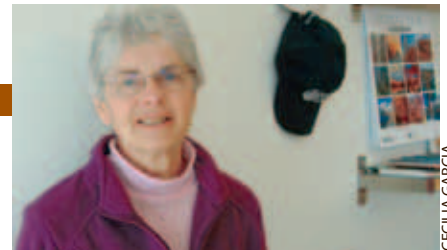
Climate change is manifesting itself not only by rising temperatures but by changes in storm events and precipitation patterns worldwide. In southeast Michigan, our 2012 rainfall was six inches below normal, so I spent the summer watering my beloved trees.

The Great Lakes are at record lows, so we're not immune to the effects plaguing

other Midwestern states.

Nationwide, 37% of the fresh water we use, much of it from aquifers, is withdrawn for irrigation. Modern agriculture relies on it as well as petroleum-based fertilizers. What happens if the drought continues and our aquifers run dry? It takes 1,847 gallons of water to produce one pound of beef!

Pollution sources are many: industrial wastes; factory farm manure; antibiotics and other contaminants, sewage overflows; thermal pollution from nuclear plants; and fracking fluids, radon and other toxins released underground from the fracking process. People thoughtlessly flush garbage and other pollutants down



Jean Gramlich

CECILIA GARCIA

the drain.

Up to now, we believed our Great Lakes water to be limitless, but low lake levels are a wake-up call that huge water withdrawals — especially those that will never be returned to the source — are not sustainable, even without our current drought conditions. Also, there are consequences for withdrawing large quantities of water and changing it in a fundamental way by heating or adding contaminants. It takes 900 gallons of water to produce one megawatt hour of nuclear electricity, and it comes back to the source warmed by several degrees, causing algae blooms and other changes to the ecosystem.

## COMING SOON TO A COMPUTER NEAR YOU... THE NEW MICHIGAN CHAPTER WEBSITE!



The Chapter's new website will be more interactive and visually appealing, with lots of images to lead the viewer to information, much like the Los Angeles Chapter's site.

In coming months, you'll see some exciting changes to the Michigan Chapter website! This new system has many built-in features to help Sierra Club members and supporters find up-to-date information quickly and easily about everything from Sierra Club outings to legislation and elections.

Planned upgrades include:

- Blogs and regular updates on important Michigan issues, such as fracking
- A library of training material for leaders and activists
- Facebook and Twitter feeds to website
- An environmental news feed
- Google maps with interactive data on factory farms, mining and nuclear sites, coal plants, oil pipelines, refineries, and drilling sites
- Ways to support the Chapter with your time and funds!

And while we're on the topic of the internet...We're also rockin' social media! Look for us on Twitter @MichiganSierra and follow Lynn Henning's adventures @CAFOCrusader. To discover all our internet identities, visit [www.michigan.sierra-club.org/resources/social.html](http://www.michigan.sierra-club.org/resources/social.html).

**PLEASE SEND US YOUR EMAIL ADDRESS so we can update our records and continue to keep in touch in cyberspace. Email [cecilia.garcia@sierraclub.org](mailto:cecilia.garcia@sierraclub.org) or call 517-484-2372. Thanks!**

# Clean & Healthy Great Lakes

## New Sustainable Ag Coalition Aims to Take the Crap Out of Farm Subsidies in Michigan

LESS SUPPORT TO POLLUTING FACTORY FARMS MEANS A MORE SUSTAINABLE MICHIGAN

by Gail Philbin, Chapter Assistant Director

**T**axpayers provide millions of dollars in government subsidies to industrial mega-farms in Michigan under policies that unfairly favor polluting factory farms while ignoring massive pollution and health risks, and undermining safe, sustainable farms, according to Less=More, a new coalition launched by the Michigan Chapter.

On Feb. 15, the coalition released a report, *Restoring the Balance to Michigan's Farming Landscape*, that offers a window into the bias of one specific federal Farm Bill program, the Environmental Quality Incentive Program (EQIP). Since 1995, under this program Michigan factory farms (also known as Concentrated Animal Feeding Operations or CAFOs), have raked in millions of dollars of tax subsidies inaccessible to sustainable and organic livestock operations. This inequity keeps prices for factory farm products artificially low compared to healthier, locally grown meat, dairy, poultry and egg products, and increases threats to health and the environment by encouraging massive, concentrated livestock facilities.

The CAFO system is inherently unsustainable and polluting, given the hundreds or thousands of animals confined to warehouses or open feedlots with no vegetation that generate too much waste for the land to absorb. Yet, they receive substantial taxpayer subsidies even when poor disposal practices of millions of gallons of chemical- and contaminant-filled wastes lead to water, air and land pollution and violations of state and federal environmental laws.

According to *Restoring the Balance*, 37 Michigan factory farms cited for environ-

mental violations and unpermitted discharges over the 15 years ending in 2011 were awarded nearly \$27 million in Farm Bill subsidies between 1995 and 2011. Of these operations, 26 jointly racked up fines and penalties of more than \$1.3 million for their share of these violations. This research into the relationship between subsidies and CAFO pollution was conducted by the Chapter's award-winning Water Sentinel, Lynn Henning.

Subsidy support for polluting factory farms happens at a time when many independent, environmentally responsible farmers are struggling to make ends meet and Michigan consumers want *more* products from sustainable farmers, not *less*. Direct sales at farmers markets and

other local outlets are one of the fastest growing sectors of the agricultural community.

On Feb. 14, the Less=More coalition presented *Restoring the Balance* to State Conservationist Garry Lee, a civil service employee of the USDA's Natural Resources Conservation Service (NRCS) in Michigan. He has the authority, with advice from the state technical committee, to correct the system that puts farmers devoted to sustainable rearing of animals at a disadvantage to polluting industrial operations. The group urged Lee to take specific actions outlined in the report, available at [www.MoreforMichigan.org](http://www.MoreforMichigan.org).

**WE NEED YOUR HELP** to spread the word about Less=More and our campaign against subsidies for factory farm polluters. Sign our petition to Garry Lee at [www.MoreforMichigan.org](http://www.MoreforMichigan.org). And "like" Less=More on Facebook! We also need people to help at events like farmers markets and distribute our petition. To volunteer, email [gail.philbin@sierraclub.org](mailto:gail.philbin@sierraclub.org).



# Getting Michigan Beyond Natural Gas & Oil

by Rita Chapman, Beyond Natural Gas and Oil Campaign Coordinator

Natural gas was once touted as a clean energy source, but now we know better. Studies have found methane leakage rates in hydraulic fracturing (fracking), a drilling technique for natural gas that blasts millions of gallons of water, chemicals and sand into the earth to fracture rock and release methane, is far higher than previously assumed, even up to 9%. Since methane is an extremely potent greenhouse gas, far more than CO<sub>2</sub>, such serious leakage negates any presumed benefit. New proposals by the U.S. natural gas industry to export natural gas would increase drilling, bringing further risk to our climate and quality of life. This is why Sierra Club Executive Director Mike Brune said that natural gas isn't a bridge, it's a gangplank.

Across the U.S., and in Michigan, petroleum companies have

This once-beautiful state forest land in Kalkaska County is now an industrial zone built by Encana, complete with diesel trucks, air pollution and noise.



RITE CHAPMAN

greatly expanded drilling for natural gas and, in some places, oil in recent years. In some states, entire regions have become unregulated industrial zones, with local communities exposed to volatile chemicals, hydrogen sulfide, and even the deliberate pollution of our land when frack fluids are applied to unpaved roads supposedly to control dust or melt snow. In southern Michigan, where higher-priced oil is the target, massive flares light the sky as cheap natural gas is burned off instead of being captured for commercial or local use. Some townships and small cities are offering up school property and public parks for drilling.

In Michigan, the Beyond Natural Gas and Oil Campaign (MI-BNGO) is working for several important policy changes. We don't want Michigan to suffer the same consequences as Pennsylvania, Colorado, Texas, Wyoming, Utah, and Ohio. We can still protect our water, air, land, and our communities — if we muster the political will. It begins by educating Sierra Club members and supporters about the problems and the solutions. We must join with others seeking a true clean energy future, one that breaks clean of dependence on fossil fuels altogether. We're already breaking free of dirty coal. It can be done!

Throughout 2013, the MI-BNGO Committee will be out talking with people, giving presentations around the state and taking part in festivals and other events to reach as many folks as we can. We'll work hard to keep this topic in the spotlight, so policy makers and legislators can't ignore it. One way is through our Writer's Club, which meets monthly to brainstorm ideas about things to write in conventional and social media to spread the word about important issues, and you're welcome to join us! And we have plans to build our Water Sentinels program to get volunteers involved in monitoring Michigan waters for pollution of all kinds.

## GET INVOLVED

**We aim to let everyone know what we can do together to protect our water, air, public lands, and our communities from the hazards of drilling and fracking for natural gas and oil. If you'd like to help with education efforts, join our Writers Club, give presentations, "man" information booths, or learn more, contact Rita Chapman at [rita.chapman@sierraclub.org](mailto:rita.chapman@sierraclub.org).**

## LESS=MORE IS:

- Beery Farms of Michigan, LLC
- Center for Food Safety
- Crane Dance Farm, LLC
- Environmentally Concerned Citizens of South Central Michigan
- Food & Water Watch
- Greater Grand Rapids Food Systems Council
- Groundswell Farm
- The Humane Society of the United States
- Michigan Farmers Union
- Michigan Voices for Good Food Policy
- Michigan Young Farmers Coalition
- Sierra Club Michigan Chapter
- Socially Responsible Agricultural Project

**SHOW YOUR SUPPORT! Join us today at [www.tinyurl.com/LessIsMoreCoalition](http://www.tinyurl.com/LessIsMoreCoalition).**

## Gov. Snyder's "Energy and the Environment" Speech

by Mike Berkowitz, Chapter Legislative and Political Director

On Nov. 28 of last year, Gov. Snyder gave a speech presenting his vision for energy and the environment in Michigan. A big takeaway from the speech is that Snyder has a preference for natural gas over coal as a new source of energy generation. While we're happy he isn't fighting for more coal, we are dismayed that he is turning to another fossil fuel to fill Michigan's energy needs. In the battle against climate disruption, natural gas was once viewed as a transitional energy source with less negative impact that would move us closer to using renewables and other clean energy. However, recent studies have shown that natural gas development often leaks massive amounts of methane, a greenhouse gas more potent than carbon dioxide, meaning that a switch from coal to natural gas might not address climate disruption.

"We do fracking right in Michigan," the governor stated, completely dismissing the idea that this controversial process for extracting natural gas can harm our air and water. He didn't acknowledge that companies aren't required to disclose the chemicals in their fracking fluid, or that they're exempt from state water withdrawal laws, or that public participation isn't required to obtain a permit. These are just a few of the serious problems we face as Snyder moves our state toward dependence on natural gas.

The governor stressed his continuing support for programs such as Michigan Saves, which provides loans to help citizens and businesses improve the energy efficiency of homes and commercial properties. Sierra Club actively supports energy efficiency programs and was encouraged to hear Snyder's public message address this issue. The state's current energy efficiency goal is to reduce our

So far, Gov. Snyder's environmental legacy in Michigan has been non-existent. Despite his energy and environment speech last fall, he has signed bills that directly attack long-standing environmental protections in the state.

energy use by one percent every year, but most other Midwestern states have already established standards at or above two percent. Since energy efficiency has proved to be cheaper than any other source of energy and has consistently provided positive return on investment (a \$3.55 return for every \$1 spent), we believe it's time to increase our efficiency standard to two percent.

With regard to renewable energy, Snyder stated, "We do need to set new goals as we approach 2015... let's spend 2013 having an open dialogue." Currently, Michigan has a goal of getting 10 percent of its power from clean sources by 2015, based on a law passed in 2008. Given that the law sunsets in two years and the strong public support for requiring utilities to meet a 25% renewable energy requirement (while rejecting a constitutional mandate for that requirement), the governor held a series of town hall meetings on energy issues this winter.

Snyder has signaled his support for possibly increasing our renewable energy



standard, but taking this entire year to formulate an opinion about it means the governor is dragging his feet when we already know it is time to double-down on clean, renewable energy in Michigan.

So far, Gov. Snyder's environmental legacy in Michigan has been non-existent. Despite his energy and environment speech last fall, he has signed bills that directly attack long-standing environmental protections in the state. We need to continue pushing him to make the right decisions on environmental issues, which is what's best for Michigan and best for our future.

### LEARN MORE

You can follow the governor's discussion on Michigan's energy future at [www.michigan.gov/energy](http://www.michigan.gov/energy).



COURTESY OF THE HSUS

Left: A Gray Wolf. Right: A Gray Wolf pup looks out from his den.

## SIERRA CLUB ENDORSES REPEAL OF WOLF AS GAME SPECIES

by Mike Berkowitz, Chapter Legislative and Political Director

Last year, the federal government de-listed the Gray Wolf as an endangered species after the animal had been protected as such for four decades. As part of this action, the Michigan Department of Natural Resources (DNR) is required to perform a five-year scientific study on the population under the Michigan Wolf Recovery Plan. However, the DNR has taken no steps toward fulfilling this requirement.

Despite this lack of follow-up study on the wolves, the Michigan

legislature passed Public Act 520 at the end of 2012, citing reports of wolves menacing livestock and pets in northern Michigan as the reason. Yet, it's already legal for an individual to kill a wolf if it attacks their livestock or pet (Public Acts 290 and 318 from 2008) and a compensation program reimburses livestock producers for their losses caused by wolves through the federal government, so this reasoning doesn't add up.

The Michigan Chapter's elected

leaders have weighed the precipitous action of the legislature and governor in changing the wolf to a game species and have voted to support a referendum to repeal Public Act 520. Sierra Club does support regulated, periodic hunting of wildlife when based on sufficient, scientifically valid biological data and when consistent with all other management purposes, but this law fails to meet that standard.

**TO LEARN MORE** visit [www.KeepWolvesProtected.com](http://www.KeepWolvesProtected.com).

## Building Grassroots Power in Detroit

by Mike Berkowitz, Chapter Legislative and Political Director

Sierra Club takes pride in being an inclusive organization that welcomes anybody with a passion for clean air, water, or energy. However, we still have work to do to ensure representation of all Michiganders across the board. For example, our legislative and political programs would benefit greatly from more engagement with Sierra Club's growing ranks of Detroit residents protecting the environment. Sierra Club's Rhonda Anderson, Melissa Damaschke, and Patrick Geans work with Detroiters on every-

thing from toxic pollution to waste water treatment and energy issues. Now the Chapter and Southeast Michigan Group (SEMG) are working with Detroit volunteers to build more political and legislative power on key issues.

Throughout 2013, Chapter and SEMG members of the Political and Legislative Committees will work with members and supporters in Detroit to organize opportunities to tell their state legislators why they care about the environment. This is a big step in giving critical

tools to people in a part of Michigan that is impacted more by factory, coal plant and refinery pollution than any other part of the state. Our Detroit members are invited to learn how to have their voices heard, to lobby lawmakers, and make an impact on state and local policies — a truly empowering experience.

**GET INVOLVED**

**To help with this project, email [mike.berkowitz@sierraclub.org](mailto:mike.berkowitz@sierraclub.org) or call 517-484-2372, x13.**



JAN O'CONNELL

Lobby Day, Spring 2012

## Power to the People

by Mike Berkowitz, Chapter Legislative and Political Director

Last November's election left something to be desired for the environmental community in Michigan. Many of our allies in competitive races won their elections, but we still see an anti-environment attitude on the part of the majorities in the state legislature. The political landscape in Lansing reminds us that, as a constituent of your local lawmakers, YOU are the most powerful lobbyist for protecting the environment. Sierra Club has always valued your participation in the legislative process and now more than ever, we need you to fight for the issues you believe in. Here are two ways to get involved.

### IN-DISTRICT LOBBYING

You can make a difference by becoming an in-district lobbyist with Sierra Club. In this role, you and fellow Sierra Club members meet with local elected officials when they're in their home district. You'll educate the legislator on environmental issues important to you and develop a relationship with them by attending "coffee hours" or calling his/her office to set up a meeting. PolicyLink, a national research and action institute, found that "face-to-face contact with legislators is key to humanizing the problem, demonstrating a commitment to solving it, and developing relationships for the long haul."

This may sound intimidating, but you'll find elected officials are often humble, down-to-earth people who enjoy meeting with their constituents. You hold the power because your vote controls their ability to get re-elected. Chapter Legislative

As a constituent of your local lawmakers, YOU are the most powerful lobbyist for protecting the environment.

Committee members and staff are eager to help you through this process, so you won't be left to take this task on by yourself. This is a phenomenal opportunity for those who are interested in developing familiarity with the political arena or just want to have their voice heard.

**TO BECOME AN IN-DISTRICT LOBBYIST, contact Mike Berkowitz at [mike.berkowitz@sierraclub.org](mailto:mike.berkowitz@sierraclub.org) or call 517-484-2372, x13.**

### LOBBY DAY IN LANSING, APRIL 17

The second way to make a difference is by joining the Michigan Chapter on Wed., April 17, for Lobby Day at the Capitol. Sierra Club volunteers come from all over the state to talk to legislators about priority environmental issues in Michigan. You'll meet Sierra Club members from diverse walks of life and volunteers from other environmental groups. You'll learn to effectively communicate with lawmakers and experience the thrill of playing a role in directly impacting the legislative process.

We hope to make this upcoming Lobby Day the biggest and best one yet to show the new legislature the strength of our organization and the passion of our members.

**TO SIGN UP FOR LOBBY DAY, visit [www.michigan.sierraclub.org/democracy/Lobby\\_Day.html](http://www.michigan.sierraclub.org/democracy/Lobby_Day.html) or call our Lansing office at 517-484-2372 for more information.**



## Grow Native This Summer and Protect the Great Lakes

by Melissa Damaschke, Sierra Club Great Lakes Program Director

What does planting native species in my yard have to do with the Great Lakes? Native plants are recommended because they adapt to the wet springs and dry summers of much of lower Michigan.

The root systems of most native plants are deep and help loosen the soil, which improves the ability of water to filter into the ground. This makes native plants perfect for rain gardens

and for absorbing rainwater, which helps prevent stormwater pollution from getting into our rivers and lakes. For more information on native plants and rain gardens, visit [www.sierraclub.org/greatlakes](http://www.sierraclub.org/greatlakes).

And if you live in southeast Michigan, Sierra Club is teaming up with Eastern Market in Detroit on Flower Day, May 19, to identify and label native plants sold at the market with stickers that say,



“Native plants improve water quality.” We hope this will make it easier for you to identify plants native to southeast Michigan for your garden.



### DETROIT STATE-OF-THE-ENVIRONMENT REPORT

by Patrick Geans, Sierra Club Beyond Coal Campaign Regional Organizer

Sierra Club's Environmental Justice Program issued its first-ever Detroit State-of-the-Environment Report on April 4 in response to the Detroit Future City Strategic Framework Plan, formerly known as the Detroit Works Project (DWP). The report resulted from an invitation by DWP to leading environmental groups to help create an environmental report as a part of its strategic framework.

In producing a separate report with an environmental justice perspective, Sierra Club emphasizes public health, industrial epidemiology, excessive heat events, air and traffic pollution in proximity to schools, “brownfields,” privatization of public lands and the cumulative impact from heavy industry in southwest Detroit's 48217 zip code, encompassing River Rouge and Ecorse. The report aims to be useful to both community members and policy makers. It uses the most up-to-date, unbiased and relevant information on the health impact of heavy industry in the Detroit metro area and questions whether or not these issues have been adequately addressed.

### NATIONAL INITIATIVE FOCUSES ON DIVERSITY

by Anne Woiwode, Chapter Director

Sierra Club's motto is to explore, enjoy and protect the planet and to enlist humanity in this cause. We believe everyone has a right to experience nature and a right to clean water, clean air and a safe environment. We're committed to being inclusive and engaging individuals from all communities in our work and activities and fighting against environmental injustices.

Our vision is for Sierra Club to reflect our nation's communities, drawing from the rich diversity of ages, races, and ethnic backgrounds across our state and country. We invite you to learn more about Sierra Club's commitment to diversity and share with us your thoughts on how we should work to protect the future that everyone shares.

**LEARN MORE at [www.sierraclub.org/diversity](http://www.sierraclub.org/diversity) or contact the Chapter office at [michigan.chapter@sierraclub.org](mailto:michigan.chapter@sierraclub.org) with your questions and ideas!**

# Great Forests, Wild Places

## Mining Road in the Wilds of Michigan Defeated!

by Marvin Roberson, Chapter Forest Ecologist

When the Eagle Mine in the Western Upper Peninsula was proposed by Kennecott Minerals Corporation (now Rio Tinto), the plan was to truck the ore to a rail head north of Marquette, then to Sudbury, Ontario, for processing. Almost immediately after receiving a mining permit from the Michigan Department of Environmental Quality that included this transportation/refining plan, Kennecott changed its plans.

The company announced it had purchased a defunct processing plant in Humboldt, west of Marquette, where they now planned to ship the ore and refine it. The timing was so soon after the original permit was issued, some cynical observers suspect this might have been their plan all along.

The new transportation route hinged on a proposed new road south from the mine

through some of the wildest area in Michigan — a major, all-season road paid for entirely by Rio Tinto, although it was billed as a route for logging and tourism.

Over a three-year period, Rio Tinto — with the assistance of the Marquette County Road Commission — attempted to get permits for this new road. But the impacts on wildlife and wetlands, documented in part by comments from environmental groups such as Sierra Club, were so significant that not once, but three times the Environmental Protection Agency (EPA) blocked permits for different proposed routes for the road.

We applaud the EPA. This sham, “multi-use” mining haul road would have further despoiled the wild Pesheeekie Highlands area of Marquette County. We welcome its defeat.

About 125 people showed up to an EPA hearing on a proposed mining road through UP wild country in September 2012.



### THE INDUSTRIALIZATION OF MICHIGAN'S STATE FORESTS

by Marvin Roberson, Chapter Forest Ecologist

Michigan is blessed with abundant and spectacular natural resources. One of the gems is our state forest system, which, at almost four million acres, is the largest east of the Rockies. We have a long tradition of managing these forests for multiple uses and benefits. This seems to be changing, however.

Under Gov. Snyder, the management focus for our state forests is shifting increasingly towards economic uses, with a particular emphasis on industrial use. A number of recent actions have caused concern over the change in management direction:

- Prior to Snyder's election, Michigan had begun a five-year project

to designate “Biodiversity Stewardship Areas,” which would be the best examples of the state's various natural communities. Described as “the most comprehensive biodiversity conservation program in history,” the program would not have cost a single job or dollar of revenue, but the Michigan Department of Natural Resources (DNR) essentially eviscerated it under Snyder.

- In late April, the governor is convening a “Timber Industry Summit” that will focus narrowly on our forests as sources of timber, rather than looking at enhancing the full range of benefits we get

from them. This summit isn't even about maximizing the full spectrum of economic benefits from our forests such as recreation — it is specifically focused on industrial uses.

- A new “Timber Advisory Council” populated almost entirely by timber industry representatives has been created specifically to advise the DNR on timber issues.

Sierra Club in no way opposes commercial uses of our natural resources. We do, however, strenuously object to placing industrial activities as the highest priority for our magnificent state forest system.

## Oak Wilt: The Newest Disease in the Trees

by Marvin Roberson, Chapter Forest Ecologist

Over the past decades, Michigan's forests have suffered greatly from devastating disease and insect infestations. Most are exotic pests and pathogens brought in from elsewhere, often the result of international trade. Dutch Elm Disease, Chestnut Blight, Beech Bark Disease, and the Emerald Ash Borer all have wreaked havoc on the species affected. In some cases, notably elm and chestnut, the species came close to extinction, and ash appears headed in that direction.

Now, our oaks are under attack. Oak Wilt is a fungus that causes almost 100% mortality in trees affected with it. The fungus lives in the sap, and when there is an open wound on an affected tree, small beetles feed on the exposed sap and then fly to another tree with exposed sap to feed some more. In the process, the fungus is transmitted to the new tree — like bees pollinating flowers, but in a bad way.

Much of this transmission comes from pruning trees during high sap months (April-June). Commercial pruning, especially along power lines, can essentially create an Oak Wilt “super-highway,” moving the disease much faster than would happen naturally.

Wisconsin has passed a statute severely restricting pruning, particularly commercial pruning, during the months of high sap



COURTESY MICHIGAN DEPARTMENT OF NATURAL RESOURCES (2)



Top: The tell-tale signs of barren branches identify these trees with Oak Wilt in this forest.

Left: A closeup of the damage Oak Wilt does to trees.

flow, and it has had success in slowing the spread of Oak Wilt. (Exceptions are granted for an emergency situation, such as trees or branches blown down during a storm.)

Sierra Club encourages the Michigan Legislature to act to put similar measures in place here and would enthusiastically support such legislation.

## Sierra Club Appeals Decision Favoring Ill-Conceived Biofuels Plant in UP

by Marvin Roberson, Chapter Forest Ecologist

In December 2012, a verdict for the defendants and against the Sierra Club was entered in our suit against the Federal Department of Energy (DOE) to block an \$80 million grant to the Frontier Corporation for construction of a biofuels plant in the eastern Upper Peninsula.

Regular *Mackinac* readers will recall that this proposed plant would use over one million tons of green wood per year — about 8% of Michigan's annual forest

growth. The plant would produce about 40 million gallons of ethanol per year — about 0.02% of Michigan's annual gasoline usage. With numbers like that, not enough wood exists in all of Michigan to make an appreciable difference in our state's gasoline consumption.

In addition, it's estimated the proposed plant would provide the least jobs per unit of wood harvested in the history of the forest products industry. Over a million tons of wood per year would provide

70 direct jobs. In contrast, a local paper plant uses less wood and provides 425 direct jobs.

Sierra Club believes this is an unacceptably low return in benefits to the environment and economy, so we and a neighbor to the proposed plant sued the DOE over the proposed grant. Our argument was that DOE violated federal law requiring environmental impacts be fully disclosed to inform their decision. Unfortunately, the judge seemed to think we were simply trying to prevent trees from being harvested, which is patently false.

Sierra Club filed an appeal in the Sixth Circuit of Federal Court, and we are confident we will prevail this time.

# CleanEnergySolutions

## Moving Michigan Forward With Clean Energy

by Anne Woiwode, Chapter Director

Sometimes we learn a lot more when we lose a battle than when we win. Last year more than 600 Sierra Club volunteers joined the campaign to pass Proposal 3, the ballot proposal that would have increased Michigan's use of clean, renewable electric power to 25% by 2025. These volunteers talked to 11,000 voters on the phone, on the street and throughout their communities. The unprecedented level of volunteerism showed just how committed Sierra Club members and supporters are to moving Michigan toward a clean energy future.

However, the campaign became very tough when Michigan's largest utilities joined forces with Big Oil, Coal and Gas to outspend us and our allies three to one. They flooded the airwaves with fear-mongering and outright deceptive ads. What they couldn't do, however, was turn Michiganders against clean energy. Election Day exit polls showed an overwhelming 73% of Michigan voters want us to increase our use of wind, solar and other forms of renewable energy!

The fight for more renewable energy is continuing. It's clear that Michiganders do want more clean energy and are willing to keep pressing forward. The campaign in support of Proposal 3 built an unprecedented coalition of labor, faith, civil rights, environmental groups and businesses that are determined to win this fight for our future.

One sure sign that we had an effect is that Gov. Snyder has launched a yearlong discussion on Michigan's energy future, hosting seven public forums around the state to take input on what Michigan's energy future should look like. Input from experts, opponents and proponents of clean energy, and people



Wind turbines near McBain, MI

CRAIG BRAINARD

**IF YOU'D LIKE TO SUPPORT THIS or any of the programs in this issue of *The Mackinac*, you can make a donation online at [www.tiny.cc/MISierraClubSupport](http://www.tiny.cc/MISierraClubSupport) or fill out the form on p.21.**

like you will be compiled into a report at the end of 2013. The information gathered will assist public policymakers as they take a comprehensive look at Michigan's energy future.

**CHECK THE MICHIGAN CHAPTER WEBSITE FOR UPDATES on how your voice can be heard in this discussion, and help us win the fight for clean energy in Michigan!**

## OBAMA'S CLIMATE AND CLEAN ENERGY LEGACY

by Anne Woiwode, Chapter Director

As President Obama starts his second term, the next four years will be pivotal in the fight to address climate disruption and move America toward clean energy.

After a year of record-breaking climate disasters that included raging

wildfires, devastating drought, and a hurricane superstorm, we cannot wait any longer to take action on the climate crisis.

Michigan didn't escape the effects of climate disruption this year. Crops suffered the devastating impact of

extreme heat this spring, followed by freezes that wiped out crops, and lake levels are at all-time lows. This year must be the year America takes the climate crisis seriously.

Join Sierra Club's Climate and Clean Energy Legacy campaign and fight

## DTE: OUT OF TOUCH WITH MICHIGAN'S FUTURE

by Anne Woiwode, Chapter Director

There are a lot of things that distinguish DTE Energy, Michigan's largest electric utility, from forward-thinking utilities around the country. DTE operates one of the oldest, dirtiest coal fleets in the country, threatening the health and safety of Michigan families by emitting dangerous pollutants, such as mercury and fine particulates, at levels that exceed clean air safeguards. Every year Michigan families pay \$1.5 billion dollars in health costs associated with air pollution from Michigan's oldest coal plants, including asthma attacks, heart disease, and cancer.

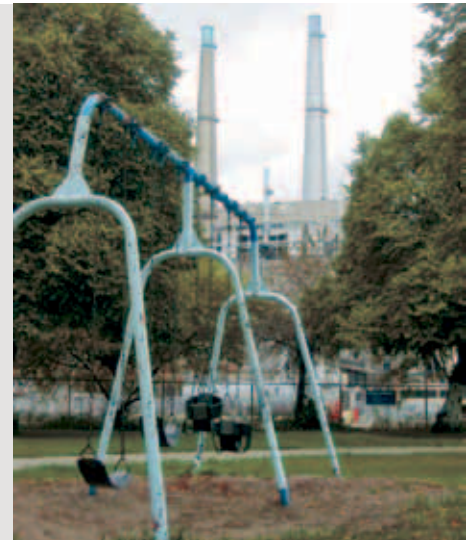
Eighty percent of the power DTE generates comes from its aging coal-fired power plants, one of the highest percentages of coal in the country. The company produces additional power from its nuclear power plant on Lake Erie, and is seeking permission to build a new nuclear power plant. At an estimated \$15 billion, it would be by far the most expensive electricity generated in Michigan, with no plan for permanent disposal of the wastes.

DTE has been outspoken in its refusal to pursue more energy efficiency and renewable energy sources

beyond those required by law, even though these clean energy options would help hold down costs to their ratepayers and make Michigan companies more competitive.

In fact, the Michigan Public Service Commission (MPSC) reported that last year DTE residential consumers were the hardest hit by rising energy costs, with average monthly bills growing from \$67.81 to \$76.97 — a 13.5 percent jump over the previous year. The rate increase comes as a result of the dramatically increased cost of importing coal to Michigan. As the costs go up, so do electricity bills for hard-working Michigan families, including many who can't afford higher rates.

It's time that DTE came into the 21st century by ending the burden Michiganders face from out-of-date, dirty, and expensive coal-fired and nuclear power plants. At the same time the rising cost of coal in Michigan has affected ratepayers, clean sources of energy like wind and solar have become increasingly viable energy choices. A 2012 MPSC report documents that the cost of new renewable energy projects is now cheaper than a new coal-fired power plant.



DTE's coal-fired power plant in River Rouge sits next to a city park.

DTE must commit to transitioning to a clean energy future that protects public health, our air and water, creates good clean energy jobs and safeguards Michigan families and communities. Sierra Club and its partners are calling on DTE to make the wise decision that will protect families and create local jobs by moving toward clean energy in Michigan.

**JOIN YOUR VOICE with thousands of other Michiganders today and demand DTE Energy chart a clean energy future for all of us. Sign our petition at [www.sierraclub.org/coal/mi](http://www.sierraclub.org/coal/mi).**

In January, the Sierra Club's Detroit office launched a campaign to create an American climate legacy to keep our country's land, water, air and natural resources intact and free from fossil fuel pollution so our children will have a safer, healthier planet. L-R: Alisha Winters, Selena Inn, Latoya Shackelford and Ebony Elmore.

climate disruption's destructive threats to you, your friends and family.

**TO GET INVOLVED HERE IN MICHIGAN, contact Patrick Geans at [patrick.geans@sierraclub.org](mailto:patrick.geans@sierraclub.org), 313-974-6547, or Brad VanGuilder at [brad.vanguilder@sierraclub.org](mailto:brad.vanguilder@sierraclub.org), 517-484-2372, x14.**



DOUGLASS MYERS OF FEEDDASTREETZ

# Annual Retreat

## Great Lakes, Great Future, Great Fun. Sign Up Now!

RELAX AND EXPLORE ALONG LAKE MICHIGAN'S PRISTINE SHORELINE AT CAMP MINIWANCA

by Marty MacCleery, Retreat Committee Chair

If you're looking for an affordable Pure Michigan weekend to explore and learn in a family-friendly environment, join us this Aug. 23-25 at beautiful Camp Miniwanca, a private Lake Michigan treasure just north of Muskegon.

Located among 360 wooded acres and established 88 years ago, historic Camp Miniwanca offers everything from tent camping to rooms near the lake or among the pines and family-style meals.

The annual Michigan Sierra Club retreat is designed for every budget and to be whatever you want it to be. No pressure, just fun in many forms: swimming off a beautiful beach, hikes, river trips, a variety of classes and workshops or just hanging out with a good book.

This will be our 24th Annual Retreat. It's a tremendously popular event that traces its roots to the start of the Sierra Club Michigan Chapter 46 years ago. It's a great way to spend time with other like-minded people from all over the state who love and appreciate Michigan and want to protect it for future generations.

### FUN FOR THE WHOLE FAMILY

Families and individuals can choose among a variety of activities. For example, does your family like outdoor sports? Then, enjoy kayaking, sailing, river tubing, swimming, a high ropes course, guided hikes, scavenger hunts, or campfires. Kids will enjoy lots of crafts and nature activities like constructing their own bird or bat box, kite flying, and making beautiful envelopes and origami from recycled Sierra Club calendars.

Want to learn more about environmental issues and develop

some grassroots organizing skills? Then, choose from a selection of environmental and activist workshops. Or you can participate in yoga classes, attend a non-denominational service on Sunday morning or learn new skills like crocheting with recycled materials!

A full list of classes and workshops can be found at [www.michigan.sierraclub.org](http://www.michigan.sierraclub.org).

### LOTS OF ACTIVITIES

A highlight of the weekend is our live auction on Saturday and live entertainment. Please bring your new, used, handmade and unusual treasures to donate to the auction and be sure to bid because it's fun! On Friday night we'll have story-telling and orientation tours for those who are new to Camp Miniwanca as well as games, movies and snacks.

How about a break from cooking? The meals in the dining hall are all healthy and delicious and include vegan, vegetarian and omnivore choices... just follow the dinner bell! If you want some alone time, take a book and walk down to the shore of Lake Michigan and feel the wind on your face, watch and listen to the waves.

### REGISTER NOW

The modest retreat fee covers all workshops and activities, five meals, two nights lodging, and one memorable time. For more info, including camp location and registration, contact Cecilia Garcia, [cecilia.garcia@sierraclub.org](mailto:cecilia.garcia@sierraclub.org), or 517-484-2372, x10. You can also register at [www.michigan.sierraclub.org](http://www.michigan.sierraclub.org). Don't wait too long because space is available on a limited basis. See you this summer!





## 2013 ANNUAL RETREAT REGISTRATION FORM 8/23/13 – 8/25/13

All workshops, activities, five meals and two nights lodging are included in each of the rates listed below.  
(Some crafts may require a small materials fee.)

Names (include age if under 18): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: (      ) \_\_\_\_\_

Email Address: \_\_\_\_\_

*(Saves resources—your address will not be shared.)*

Please list roommate(s) names, if applicable:

\_\_\_\_\_

\_\_\_\_\_

Would you agree to share a room with someone you do not know (same sex)? Circle one: Yes No

Special needs, comments, questions, suggestions:

\_\_\_\_\_

\_\_\_\_\_

Age	Lodging	Fee/Person	Total
< 3	All	Free	Free
3-12	Cabin or Tent	\$75	_____
3-12	Lakeside or Inland Dorm	\$90	_____
Adult	Cabin or Tent	\$135	_____
Adult	Inland Dorm Room	\$165	_____
Adult	Lakeside Dorm Room, no roommate(s)	\$190	_____
Adult	Lakeside Dorm Room, with roommate(s)	\$175	_____
			Donation to ICO (\$5 suggested)* _____
			Add \$25 for registration after August 16 _____
			TOTAL ENCLOSED _____

*Cancellation policy: Full refund on or before August 16, 2013.*

*\* Visit [www.michigan.sierraclub.org/calendar/retreat.html](http://www.michigan.sierraclub.org/calendar/retreat.html) to learn more about Sierra Club's Inner City Outings (ICO) program*

**> How many times have you attended the MI Chapter SC Retreat?** \_\_\_\_\_

Register online at [www.michigan.sierraclub.org/calendar/retreat.html](http://www.michigan.sierraclub.org/calendar/retreat.html) or send this form with a check to: Sierra Club Michigan Chapter, ATTN: MI CHAPTER RETREAT, 109 E Grand River Avenue, Lansing, MI 48906. Make check payable to Sierra Club. Contact Cecilia Garcia with registration questions, [cecilia.garcia@sierraclub.org](mailto:cecilia.garcia@sierraclub.org) or 517-484-2372, x10. **REGISTRATION IS REQUIRED BY AUGUST 21.** Check-in begins Friday, August 23, at 3pm.

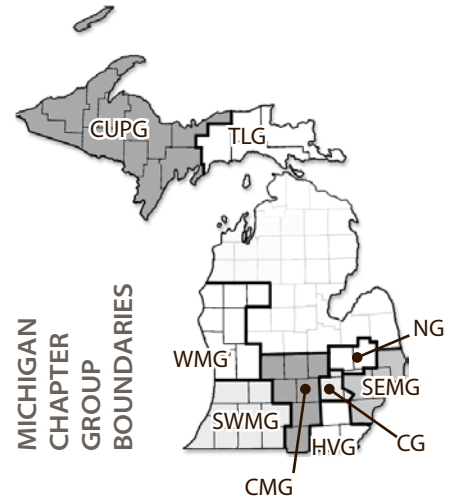
CALIFORNIA SELLER OF TRAVEL LAW: CST208766-40 REGISTRATION AS A SELLER OF TRAVEL DOES NOT CONSTITUTE APPROVAL BY THE STATE OF CALIFORNIA.

# Group Info & Outings

## Think Globally, and Get Active with Your Local Sierra Club Group!

Sierra Club is the largest grassroots environmental organization in the country, and the Michigan Chapter's nine regional Groups or committees are a vital link for getting active with Sierra Club! Groups host outings, political and conservation activities, and informational programs. Sierra Club members and supporters are invited to attend outings and meetings—everyone is welcome! The Michigan Chapter website has a comprehensive calendar with current and upcoming outings, programs and events listed for each Group (go to [michigan.sierraclub.org/calendar](http://michigan.sierraclub.org/calendar)).

Below is a list of the Michigan Chapter's regional groups, the counties they cover, and where their meetings usually take place. Group Chairs, their contact information and links for Group websites are also listed below, or go to [michigan.sierraclub.org/groups](http://michigan.sierraclub.org/groups).



### Central Michigan Group / CMG

Ingham, Hillsdale, Jackson, Eaton, Ionia, Clinton and Shiawassee Counties / Meets in Lansing area and Jackson

**ONLINE:** [michigan.sierraclub.org/cmog](http://michigan.sierraclub.org/cmog)

**CMG CHAIR:** Dave Errickson, 517-648-9115 or [dcenur@yahoo.com](mailto:dcenur@yahoo.com)

**CMG VICE CHAIR:** Paul Kindel, 517-332-3091 or [kindel@msu.edu](mailto:kindel@msu.edu)

### Central Upper Peninsula Group / CUPG

Alger, Delta, Menominee, Marquette, Dickinson, Baraga, Iron, Keweenaw, Iron, Gogebic and Ontonagon Counties / meets in Marquette

**GROUP CHAIR:** John Rebers, 906-250-0442 or [jrebers@gmail.com](mailto:jrebers@gmail.com)

### Southeast Michigan Group / SEMG

St. Clair, Macomb, Oakland, and Wayne Counties / meets at Birmingham Unitarian Church

**ONLINE:** [michigan.sierraclub.org/semg](http://michigan.sierraclub.org/semg)

**SEMG CHAIR:** Julie Ann Wang, 248-646-5650, [jawang1@comcast.net](mailto:jawang1@comcast.net)

### Crossroads Group / CG

Livingston County and western Oakland County / meets at homes of group leaders in Livingston County

**ONLINE:** [michigan.sierraclub.org/crossroads](http://michigan.sierraclub.org/crossroads) and [facebook.com/Crossroads.Group.Sierra.Club](https://www.facebook.com/Crossroads.Group.Sierra.Club)

**CG CHAIR:** Lee Burton, 810-231-9045 or [lee.burton@michigan.sierraclub.org](mailto:lee.burton@michigan.sierraclub.org)

### Southwest Michigan Group / SWMG

Berrien, Cass, St. Joseph, Calhoun, Kalamazoo, Van Buren, Allegan and Barry Counties / meets in Kalamazoo

**SWMG CONTACT:** William Strong, [williamstrong@sbcglobal.net](mailto:williamstrong@sbcglobal.net)

### Three Lakes Group / TLG

Chippewa, Mackinac, Luce and Schoolcraft Counties / meets in Sault Ste. Marie

**ONLINE:** [www.michigan.sierraclub.org/groups/ThreeLakes.html](http://www.michigan.sierraclub.org/groups/ThreeLakes.html)

**TLG CHAIR:** Roger Blanchard, 906-253-9316 or [blanchardrd@yahoo.com](mailto:blanchardrd@yahoo.com)

### Huron Valley Group / HVG

Washtenaw, Lenawee and Monroe Counties / meets in Ann Arbor

**ONLINE:** [michigan.sierraclub.org/huron](http://michigan.sierraclub.org/huron)

**HVG CHAIR:** Nancy Shiffler, 734-971-1157 or [nshiffler@comcast.net](mailto:nshiffler@comcast.net) or [HVGSierraClub@gmail.com](mailto:HVGSierraClub@gmail.com)

### West Michigan Group / WMG

Kent, Ottawa, Muskegon, Oceana, Newaygo, Mason, Lake, and Osceola Counties / meets in Grand Rapids

**ONLINE:** [www.michigan.sierraclub.org/westmichigan](http://www.michigan.sierraclub.org/westmichigan)

**ACTING CHAIR:** Craig Brainard, 269-945-8871 or [boomerbob1@gmail.com](mailto:boomerbob1@gmail.com)

### Nepessing Group / NG

Genesee, Lapeer and northwestern Oakland County / meets in Flint

**ONLINE:** [michigan.sierraclub.org/nepessing](http://michigan.sierraclub.org/nepessing)

**NG CHAIR:** Dennis Crispell, 989-624-5038 or [thaley01@att.net](mailto:thaley01@att.net)



Want to get more involved in the Michigan Chapter? Consider running for a position on the Executive Committee! For details, email [dorothyk114@gmail.com](mailto:dorothyk114@gmail.com).



## DAVE ERRICKSON HOPES TO HEAL PEOPLE AND PLANET

by Gail Philbin, Chapter Assistant Director

**A**s an active Sierra Club member and a cardiac intensive care unit nurse, Lansing resident Dave Errickson sees a certain flow to his avocation and his vocation. If people have a healthy place to walk, hike and enjoy themselves outdoors, they'll be healthier and less inclined to end up as one of his patients.

There's also a certain symmetry to his avocation and personal life — he met and fell in love with his wife, Lynne Stauff, on a 2006 Sierra Club national outing in Glacier National Park. As a volunteer, he has attended several Lobby Days, worked with Sierra Club-endorsed candidates in the 2012 elections and recently stepped up to serve as chair of the Central Michigan Group (CMG).

In his new role, Dave plans to invigorate CMG's outings schedule with adventures like kayaking on the Looking Glass River and other waterways in the region, which covers seven counties — Clinton, Ionia, Shiawassee, Eaton, Ingham, Jackson and Hillsdale. He also hopes to get folks more involved in local issues such as factory farms (there are 36 in CMG territory), fracking and wind turbines.

"Sierra Club gives you the structure you need to be successful," says Dave. "It gives you the tools to meet with legislators and local leaders and help move Michigan towards the goal of protecting the environment. It's also important to get involved with your local group. People who care about the environment are more inclined to protect it."

**TO LEARN MORE ABOUT CMG, contact Dave at [dcenur@yahoo.com](mailto:dcenur@yahoo.com) or visit the Group's website at [www.michigan.sierraclub.org/cmig](http://www.michigan.sierraclub.org/cmig).**

Dave at Pictured Rocks, September 2012.



A hardy band of local residents braved cold but sunny weather Jan. 26 for a cross-country ski trek along the Kalamazoo River in the Fort Custer State Recreation Area hosted by the Southwest Michigan Group.

## Chapter Groups: The Building Blocks of Sierra Club's Success

by Gail Philbin, Chapter Assistant Director

**E**ach Michigan Chapter success story — from the 1970 establishment of Sleeping Bear Dunes National Lakeshore to our 2012 victory protecting the Mason Tract and Au Sable River from oil and gas drilling — depends in part on volunteers whose hard work and dedication make it possible. People often get involved initially through our regional Groups — local hubs of activity that provide a way for folks to get out in nature; learn more about environmental topics through speakers and other events; and get active in issues important to them.

As you'll see on the map on p. 16, we have Groups in much of Michigan's lower peninsula and all of the Upper Peninsula, but there's room to grow, both inside existing Groups and in forming new ones. Currently, we're looking for people in mid-Michigan and the northern half of the lower peninsula to form Groups, particularly in Traverse City and the Thumb.

If you're interested, Chapter Membership Chair Carol Graham and Outings Chair Lorne Beatty have developed a "road show" to help you recruit in your area, as they did recently for the Southwest Michigan Group (SWMG). More than 130 people turned out at the Kalamazoo Library last December to learn about fracking and other local issues, and another 20 showed up for an organizing meeting this past January.

"It was a great way to jump-start our recruitment efforts," says Bill Strong, acting SWMG chair. "Now we have a core of volunteers committed to helping build an engaged membership in the area that can move us forward on local environmental issues and help win battles at the state level."

**TO LEARN MORE ABOUT SIERRA CLUB GROUPS, contact [gail.philbin@sierraclub.org](mailto:gail.philbin@sierraclub.org).**

# Group Info & Outings

## Sierra Club Outings are for Everyone!

**M**ichigan Chapter and Group volunteers lead a variety of outings throughout the year, so there's sure to be one that suits you. Listings are updated regularly on the Michigan Chapter calendar at [www.michigan.sierraclub.org/calendar](http://www.michigan.sierraclub.org/calendar).

Every outing — whether it's a stroll in the park or a week-long backpacking adventure on Isle Royale — starts at the trail head,

and some include fees to cover expenses. Sierra Club outing participants are required to sign the standard liability waiver found on our website, or call us at 415-977-5528 for a print version.

Here's a sampling of outings led by Group and Chapter leaders. Please confirm outing information in advance because time and location can change!

### Group Outings

**Sat, Apr 20, 1pm (CG): Chambers Road Equestrian Trail Hike, Brighton Recreation Area.**

Join the Crossroads Group on an exploration of some of lesser-known trails. This one is hilly, about 3 miles long, and offers a great opportunity to explore. Meet on Chambers Road midway between Swarthout and Schafer Roads. The outing is free but may require an annual or daily Michigan State Parks pass (or passport pass) for entry. Open to all. Wear appropriate hiking boots as the trail might be muddy. Contact John Wilson at 734-954-0429 (734-355-3822 day of outing) or [john.wilson@michigan.sierraclub.org](mailto:john.wilson@michigan.sierraclub.org).

**Sat, Apr 27, 1pm (CG): Waterloo–Pinckney Hiking Trail, Waterloo Recreation Area, Grass Lake.** Meet at the Green Lake Campground trailhead just off M52, south of North Territorial Rd, Chelsea. The trail starts with beautiful open meadows and transitions to heavily wooded, glaciated terrain with steep hills. Parts follow the crest of glacial eskers. Sturdy boots recommended for longer hikes. Contact John Wilson at 734-954-0429 (734-355-3822 day of outing) or [john.wilson@michigan.sierraclub.org](mailto:john.wilson@michigan.sierraclub.org).

**Sat, June 1, 11:30am (HVG): Nichols Arboretum Annual Peonies Hike.** Adjacent to U-M's Central Campus in Ann Arbor, 1610 Washington Hts, Ann Arbor. A moderately paced, 3-mile hike amongst the wonderfully landscaped Arboretum. Meet at Mitchell Field east end parking lot located at Cedar Bend and Fuller Road in Ann Arbor. Contact Kathy Guerreso at 734-677-0823 or [kathyguerreso@hotmail.com](mailto:kathyguerreso@hotmail.com).

### Indoor Adventures

**Tue, Apr 16, 7:30pm (HVG): Trees-to-Ethanol, Matthaei Botanical Gardens.** 1800 N Dixboro Rd., Ann Arbor. The quest to find non-food renewable fuel sources brings a new threat to the nation's forests, and Michigan is "ground



A good crowd turned out for the PICCR (Pride in Clean Country Roads) Cleanup organized by West Michigan Group member Craig Brainard to honor Earth Day last year.

zero." Under the guise of a green project, Valero Refinery is building a massive, wood-to-ethanol plant in the UP to convert millions of tons of trees into ethanol. If the project proves commercially viable, forests will be "feedstock" and under tremendous new pressure. Pat Egan, a retired journalist and UP resident, will describe the pending project. Free and open to the public. Refreshments. Contact 734-665-0248 or [ritalmitchell@gmail.com](mailto:ritalmitchell@gmail.com).

**Wed, May 8, 7:30pm (NG): Wolverine talk by author Elizabeth Philips Shaw.** Mott Community College, Prah Center, Genesee Room, 1401 E Court St., Flint. Shaw discusses her book "The Lone Wolverine: Tracking Michigan's Most Elusive Animal," which recounts six years that Thumb-area science teacher Jeff Ford documented the life of Michigan's only known free-living wolverine and the controversies surrounding its origins. Set against the backdrop of Michigan's wildlife management history, it's a lesson in the important but problematic role dedicated non-professionals can play in research and advancing understanding of natural world. Free and

open to the public. Light refreshments. Contact 810-230-0704 or [rjsimpson944@hotmail.com](mailto:rjsimpson944@hotmail.com).

### Inner City Outings

Inner City Outings (ICO) is a Sierra Club community program for outreach to youth that provides opportunities to explore, enjoy and protect the natural world for those who wouldn't otherwise have them. ICO volunteers work with local organizations to plan outings and serve as event leaders to share their love of the natural world.

For details, contact:

#### Detroit

Maggie Davenport, [mdaven1@msn.com](mailto:mdaven1@msn.com)

#### Washtenaw County

Joan Wolf, [washtenawico@yahoo.com](mailto:washtenawico@yahoo.com)

#### West Michigan

Craig Ressler, [craig\\_ressler@yahoo.com](mailto:craig_ressler@yahoo.com) or [wmg.ico@michigan.sierraclub.org](mailto:wmg.ico@michigan.sierraclub.org).

#### For more information

[www.sierraclub.org/ico](http://www.sierraclub.org/ico)



## Celebrate Earth Month: Clean Out Your Closets!

**E**arth Month is a time to reconnect with the outdoors and re-commit to protecting the Earth. What better way than to reduce the amount of unused gear cluttering your house and recycle it for reuse by someone else? All throughout the month of April, Sierra Club will collect gently used outdoor gear and apparel and sell it on eBay to benefit the Michigan Chapter.

**LEARN MORE** at [www.michigan.sierraclub.org](http://www.michigan.sierraclub.org). **Questions?** Call 517-484-2372 or email [jan.oconnell@sierraclub.org](mailto:jan.oconnell@sierraclub.org) or [cecilia.garcia@sierraclub.org](mailto:cecilia.garcia@sierraclub.org).

### Get Active with Sierra Club in Earth Month

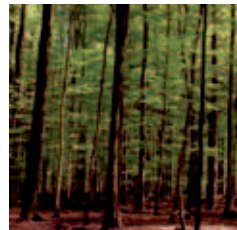
Below is a sampling of some of the activities Michigan Chapter Groups are planning in honor of Earth Day. For up-to-date information, visit [www.michigan.sierraclub.org/calendar](http://www.michigan.sierraclub.org/calendar).

**Sat, Apr 20, 10am (CG): Earth Day Service Outing, Deerfield Hills Nature Park (a township park in NE Livingston County).** A shrub planting project for birds is planned near the parking lot and an outdoor picnic lunch with an interpretative walk about the signs of spring and what to look for. Kid-friendly. Contact [john.wilson@michigan.sierraclub.org](mailto:john.wilson@michigan.sierraclub.org).

**Sun, Apr 21, 1pm (SEMG): Earth Day Bike Ride, downtown Detroit.** Sponsored by the Great Lakes Program of Sierra Club, SEMG, and the NAACP, this 12-mile ride will show you different examples of green infrastructure that prevent stormwater from entering Detroit's combined sewer system. Contact [melissa.damaschke@sierraclub.org](mailto:melissa.damaschke@sierraclub.org).

**Sun, Apr 21, 1-4pm (CMG): 6th Annual Celebrate Earth Day Festival, Cascades Park in Jackson.** This free public festival is designed to increase outdoor awareness through interactive displays about earth-friendly actions you can do at home. Information on wind energy, and hands-on activities such as building bird nest-boxes and paddling a canoe or kayak on the Cascades ponds will be available. Details at [www.jacksonareaoutdoorcoalition.com](http://www.jacksonareaoutdoorcoalition.com).

**Thu, Apr 25, 7pm (CMG): Peter Sinclair on Climate Change, Litten Hall of the First Presbyterian Church.** 510 W. Ottawa, Lansing. CMG and Beyond Coal hosts an Earth Day program with Sinclair, a long-time local activist on energy and environmental issues. His multimedia presentation on climate change and global warming presents the latest science of climate extremes in plain language and stunning illustration. Contact [carolrall@sbcglobal.net](mailto:carolrall@sbcglobal.net) or 517-487-6467.



Surprise someone with an

### Earth Day Gift Membership

Because everyday is Earth Day.



Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone (\_\_\_\_) \_\_\_\_\_  
 Email \_\_\_\_\_

**YES! I would like to give an Earth Day gift membership to**

**Gift Recipient**  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Join today and receive a **FREE Sierra Club Weekender Bag!**



Check enclosed. Please make payable to Sierra Club.  
 Please charge my:  Visa  Mastercard  AMEX  
 Cardholder Name \_\_\_\_\_  
 Card Number \_\_\_\_\_ Exp. Date \_\_\_\_/\_\_\_\_  
 Signature \_\_\_\_\_

Membership Categories	Individual	Joint
<b>Special Offer</b>	<input type="checkbox"/> \$25	
Standard	<input type="checkbox"/> \$39	<input type="checkbox"/> \$49
Supporting	<input type="checkbox"/> \$75	<input type="checkbox"/> \$100
Contributing	<input type="checkbox"/> \$150	<input type="checkbox"/> \$175
Life	<input type="checkbox"/> \$1000	<input type="checkbox"/> \$1250
Senior	<input type="checkbox"/> \$25	<input type="checkbox"/> \$35
Student/Limited Income	<input type="checkbox"/> \$25	<input type="checkbox"/> \$35

Contributions, gifts and dues to Sierra Club are not tax deductible; they support our effective, citizen-based advocacy and lobbying efforts. Your dues include \$7.50 for a subscription to *Sierra* magazine and \$1 for your Chapter newsletters.

**Enclose a check and mail to** Sierra Club, P.O. Box 52968, Boulder, CO 80322-2968 **or visit our website** [www.sierraclub.org](http://www.sierraclub.org)

**F94Q W 2100**

# Supporting Your Chapter



## In Memory of Richard Egged

“Leave the Earth in better condition than you found it.”

– Richard Egged

The Michigan Chapter extends its sincere condolences to the family of Richard Egged, 83, who passed away on Jan. 13. The Chapter has received contributions given in memory of Richard that will go to help continue his work.

Mr. Egged was an active member of the Sierra Club well into later life. Many times he accompanied his son, Jim, to meetings and events, including helping at the Michigan Chapter’s booth at Outdoorama at the Novi Expo Center. There he talked with hunters and fishermen about his philosophy to leave the planet in a better condition than you found it and the Club’s work protecting the environment.

Showing his love for the Great Lakes, Richard helped to gather petition signatures to stop the Asian Carp and delivered them personally to Congressmen Dingell and McCotter. Jim Egged says of his late father, “He was one of the reasons I am so environmentally conscious.”

## A GIFT THAT WILL LAST FOR GENERATIONS

### PLANNED, MEMORIAL AND COMMEMORATIVE GIFTS TO THE MICHIGAN CHAPTER

**A** planned gift can be a donation made through your will, living trust, or other estate plans. By creating a charitable bequest you are leaving a legacy to benefit the Sierra Club Michigan Chapter and you control your assets during your lifetime while helping protect Michigan’s environment in years to come. If you have already included the Chapter in your will, please let us know so we can thank you in your lifetime!

#### MEMORIAL GIFTS

A memorial gift is made in memory of a family member or friend that not only affirms your environmental values but also recognizes these

values were shared by the individual being honored. If you desire, we will send a card in your name to someone close to the person you’re honoring to inform them of the gift.

#### COMMEMORATIVE GIFTS

A commemorative gift is a wonderful way to celebrate an anniversary, birthday, graduation or other important life event. The person you

commemorate will receive a card to inform him or her of the gift and the identity of the donor. The amount of the gift can be kept confidential.

These special gifts most often provide general support for the Michigan Chapter’s conservation work and are used where most urgently needed. If you prefer to earmark your gift, we will honor your wishes.

## CREATE A CHARITABLE BEQUEST

To find out more, please contact Sierra Club Michigan Chapter Development Director Jan O’Connell at 616-956-6646 or [jan.oconnell@sierraclub.org](mailto:jan.oconnell@sierraclub.org).

## Ask Your Employer to Join So You Can Give at the Office!

Wouldn't it be great if your entire workplace supported a healthy environment and a sustainable future? It's easier than you think!

Workplace giving allows employees across America to donate to their favorite environmental charities by contributing as little as \$1 per paycheck through their workplace. It's the most convenient, cost-effective and environmentally friendly way to give back.

EarthShare in Michigan, part of a national non-profit federation of environmental charities, offers employees the opportunity to give to a pool of 29 organizations that includes the Sierra Club Michigan Chapter. The program enables



people to support some of the Michigan Chapter's work by a tax-deductible gift to The Sierra Club Foundation.

**TO LEARN MORE ABOUT MICHIGAN'S EARTHSHARE PROGRAM and see the listing of EarthShare groups in Michigan, check out this link; [www.earthsharemichigan.org](http://www.earthsharemichigan.org). For information on how to create a new giving program at your workplace, please contact Jan O'Connell at 616-956-6646 or [jan.oconnell@sierraclub.org](mailto:jan.oconnell@sierraclub.org).**

### THREE EASY WAYS TO STAY UP-TO-DATE!

- Sign up for our twice-monthly Michigan Chapter Update email. Register at [www.tinyurl.com/Michupdate](http://www.tinyurl.com/Michupdate)
- Follow the Sierra Club Michigan Chapter on Facebook
- Follow us on Twitter [@michigansierra](https://twitter.com/michigansierra)

## Create a Lasting Legacy



By creating a charitable bequest to benefit Sierra Club or your favorite Sierra Club Chapter, you remain in control of your assets during your lifetime and help protect the environment in years to come.

For more info and confidential assistance, contact:  
**Sierra Club**  
**Gift Planning Program**  
 85 Second Street, Second Floor  
 San Francisco, CA 94105  
[gift.planning@sierraclub.org](mailto:gift.planning@sierraclub.org) • (800) 932-4270

## SUPPORT THE WORK OF THE SIERRA CLUB MICHIGAN CHAPTER

Enclosed is my/our gift to the Sierra Club Michigan Chapter:  
 \_\_\_\_\_ \$250 \_\_\_\_\_ \$100 \_\_\_\_\_ \$50 \$\_\_\_\_\_ Other

**Give online at [www.tiny.cc/MISierraClubSupport](http://www.tiny.cc/MISierraClubSupport)**

Your donation helps provide the flexible funding Sierra Club needs to successfully advocate for Michigan's Great Lakes, wild heritage, and clean energy future.

Your contribution to Sierra Club is not tax-deductible; it supports our effective, citizen-based advocacy and lobbying efforts. If you prefer to make a tax-deductible gift to support our work, call Development Director Jan O'Connell at 616-956-6646 to learn how.

**Please send your gift to Sierra Club Michigan Chapter,  
 109 E. Grand River Avenue, Lansing, MI 48906**

Instead of a check, please charge my credit card  
 (VISA or MC) \$\_\_\_\_\_.

Card #: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_

Email: \_\_\_\_\_

# 2012 Annual Report

## Highlights and Accomplishments

by Jan O'Connell, Chapter Development Director

We are proud of our accomplishments in 2012. Your generosity and support made a tremendous difference. We closed 2012 with more than 26,000 members and supporters and more than 1,150 individual contributions in support of our work. Hundreds gave their expertise, time, and enthusiasm to help our staff move important environmental issues forward. Thank you! A summary of our activities:

- We kicked off a new Beyond Natural Gas & Oil Campaign (BNGO) to keep our state from allowing expansion of natural gas and oil production to harm communities and show that natural gas is part of the fossil fuels problem — not the solution. Our new Writer's Club supports this work through blogs, essays and letters to the press and lawmakers, and we've also made over a dozen presentations and movie showings.
- In 2012, the Chapter took a new direction in the battle against factory farm pollution. We put together a coalition of groups seeking to create a fair playing field for sustainable farms in Michigan through a reform of priorities for Farm Bill subsidies, which currently favor polluting factory farms over sustainable operations. Learn more at [www.MoreforMichigan.org](http://www.MoreforMichigan.org).
- The Sierra Club won a nine-year battle to protect the Mason Tract and Au Sable River from oil and gas drilling. Due to our submitted comments on wildlife impacts, Kennecott Mining's proposal for a road in one of the wildest places in the UP was denied by the Environmental Protection Agency. The

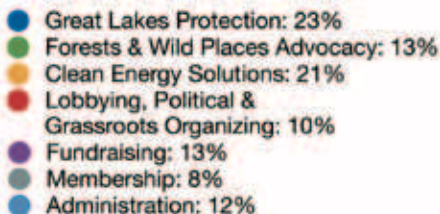
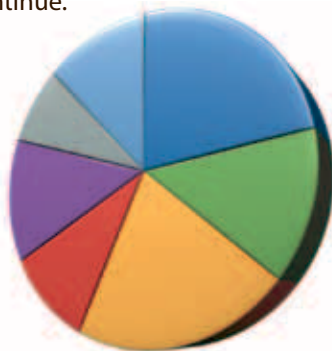
Chapter also submitted comments on three draft regional state forest plans.

- In the General Election 2012, 34 of the 52 State Representative candidates we endorsed won along with four of the eight endorsed candidates from the US Congress, and Sen. Debbie Stabenow retained her Senate seat. The Chapter Political Committee reached 5,000 voters by phone or door knocking, and we deployed 17 interns on 14 different campaigns. We also got a win on the Regional Transit Authority in Southeast Michigan.

- More than 600 Sierra Club volunteers joined the Proposal 3 Campaign to increase Michigan's use of clean, renewable electric power to 25% by 2025. See p.12 for more on this initiative.
- Sierra Club and the People and Energy Coalition ran a successful campaign targeting DTE and shareholders on coal, shut-offs and the proposed Fermi 3 nuclear plant. DTE officially retired the Harbor Beach coal-fired plant, a major victory for clean air and Michigan families. In Holland, our five-year fight to block expansion of and shut down the existing James DeYoung coal plant is near victory after "people power" pushed the city toward cleaner energy choices.
- The Michigan Chapter celebrated its 45th anniversary and the 25th of the Michigan Wilderness Act, which protected 90,000 acres of spectacular old-growth forests, dunes and lakes with several events.

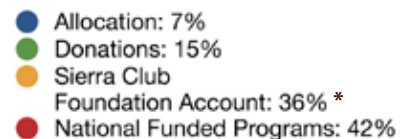
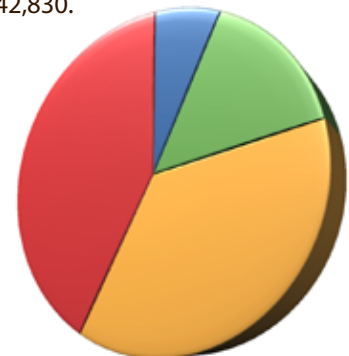
### EXPENSES TO ADVANCE CONSERVATION PRIORITIES

In 2012, Sierra Club Michigan Chapter spent \$656,791 to advance conservation priorities in our Great Lakes State. Of that, 75% went directly to the pro-environment actions you care about. The remaining 25% went to administrative aid for our programs and activities necessary to secure funds to ensure the Chapter's can continue.



### INCOME TO SUSTAIN CONSERVATION PROGRAMS

In 2012, only 7% of the Chapter's income came from a portion of membership dues you pay to Sierra Club each year. To support environmental work you care about here at home, we engage in diverse fundraising activities including direct mail and on-line appeals to our members, house parties hosted by volunteer leaders and grant proposals to foundations. Our total income was \$642,830.



\*Includes donations to MI Chapter

*NOTE: This Annual Report has not been audited. It includes only financial information about the Michigan Chapter's work, not information from the affiliated Sierra Club Michigan Chapter Political Committee nor from the SCORE Michigan Ballot Question Committee.*

# Chapter Directory

## MICHIGAN CHAPTER OFFICE

109 E Grand River Avenue, Lansing, MI 48906

Phone: 517-484-2372

Website: [www.michigan.sierraclub.org](http://www.michigan.sierraclub.org)

### State Director

Anne Woiwode ..... [anne.woiwode@sierraclub.org](mailto:anne.woiwode@sierraclub.org)

### Assistant State Director

Gail Philbin ..... 616-805-3063, [gail.philbin@sierraclub.org](mailto:gail.philbin@sierraclub.org)

### Legislative and Political Director

Mike Berkowitz ..... [mike.berkowitz@sierraclub.org](mailto:mike.berkowitz@sierraclub.org)

### Development Director and Energy Issues Organizer

Jan O'Connell ..... 616-956-6646, [jan.oconnell@sierraclub.org](mailto:jan.oconnell@sierraclub.org)

### CAFO Water Sentinel

Lynn Henning ..... 517-605-7740, [lynn.henning@sierraclub.org](mailto:lynn.henning@sierraclub.org)

### Forest Ecologist

Marvin Roberson ..... 906-360-0288, [marvin.roberson@sierraclub.org](mailto:marvin.roberson@sierraclub.org)

### Beyond Natural Gas and Oil Campaign Coordinator

Rita Chapman ..... [rita.chapman@sierraclub.org](mailto:rita.chapman@sierraclub.org)

### State Lead Beyond Coal Campaign Organizer

Tiffany Hartung ..... 231-747-7489, [tiffany.hartung@sierraclub.org](mailto:tiffany.hartung@sierraclub.org)

### Beyond Coal Campaign Organizing Representative

Brad van Guilder, Ph.D. .... 313-205-6386, [brad.vanguilder@sierraclub.org](mailto:brad.vanguilder@sierraclub.org)

### Administrative Assistant

Cecilia J. Garcia ..... [cecilia.garcia@sierraclub.org](mailto:cecilia.garcia@sierraclub.org)

## SIERRA CLUB DETROIT OFFICE

2727 2nd Ave., Metropolitan Center for High Technology, Detroit, MI 48201

### Environmental Justice Organizer

Rhonda Anderson ..... 313-965-0052, [rhonda.anderson@sierraclub.org](mailto:rhonda.anderson@sierraclub.org)

### Great Lakes Program Director

Melissa Damaschke ..... 313-965-0055, [melissa.damaschke@sierraclub.org](mailto:melissa.damaschke@sierraclub.org)

### Beyond Coal Campaign Organizer

Patrick Geans ..... 313-974-6547, [patrick.geans@sierraclub.org](mailto:patrick.geans@sierraclub.org)

## SIERRA CLUB CENTRAL REGION OFFICE

400 W Front Street, Suite 204, Traverse City, MI 49684

Phone: 231-922-2201

### Central Regional Staff Director

Alison Horton ..... [alison.horton@sierraclub.org](mailto:alison.horton@sierraclub.org)

### Administrative Coordinator

Shelly Campbell ..... [shelly.campbell@sierraclub.org](mailto:shelly.campbell@sierraclub.org)

## SIERRA CLUB NATIONAL HEADQUARTERS

85 Second Street, Second Floor, San Francisco, CA 94105

Phone: 415-977-5500

Member Change of Address ..... [address.changes@sierraclub.org](mailto:address.changes@sierraclub.org)



ANNE WOIWODE

## MICHIGAN CHAPTER EXECUTIVE COMMITTEE

### Steering Committee Members

CHAIR Jean Gramlich ..... [jean.gramlich@michigan.sierraclub.org](mailto:jean.gramlich@michigan.sierraclub.org)

VICE CHAIR David Holtz ..... [david@davidholtz.org](mailto:david@davidholtz.org)

TREASURER Helen LeBlanc ..... [helen.leblanc@michigan.sierraclub.org](mailto:helen.leblanc@michigan.sierraclub.org)

SECRETARY Nancy Shiffler ..... [nshiffler@comcast.net](mailto:nshiffler@comcast.net)

5TH OFFICER John Rebers ..... [jrebers@gmail.com](mailto:jrebers@gmail.com)

### At-Large Representatives

Dorothy Nordness ..... [dorothyk114@gmail.com](mailto:dorothyk114@gmail.com)

Nancy Shiffler ..... [nshiffler@comcast.net](mailto:nshiffler@comcast.net)

Jean Gramlich ..... [jean.gramlich@michigan.sierraclub.org](mailto:jean.gramlich@michigan.sierraclub.org)

Pat Egan ..... [pegan@up.net](mailto:pegan@up.net)

Craig Brainard ..... [boomerbob1@gmail.com](mailto:boomerbob1@gmail.com)

Richard Morley Barron ..... [rmorleybarron@charter.net](mailto:rmorleybarron@charter.net)

Carol Graham ..... [cmgt2010@gmail.com](mailto:cmgt2010@gmail.com)

Lee Sprague ..... [sprague.lee@gmail.com](mailto:sprague.lee@gmail.com)

Dave Holtz ..... [david@davidholtz.org](mailto:david@davidholtz.org)

### Local Group Representatives

CG Mary Andersson ..... [mandersson@charter.net](mailto:mandersson@charter.net)

CMG Helen LeBlanc ..... [helen.leblanc@michigan.sierraclub.org](mailto:helen.leblanc@michigan.sierraclub.org)

CUPG John Rebers ..... [jrebers@gmail.com](mailto:jrebers@gmail.com)

HVG Ed Steinman ..... [lighthawk.pilot@gmail.com](mailto:lighthawk.pilot@gmail.com)

NG Laurie Tata ..... [greenem@yahoo.com](mailto:greenem@yahoo.com)

SEMG Nancy Davis ..... [nancyolk@yahoo.com](mailto:nancyolk@yahoo.com)

SWMG William Strong ..... [williamstrong@sbcglobal.net](mailto:williamstrong@sbcglobal.net)

TLG Carol Ward ..... [saltpt@lighthouse.net](mailto:saltpt@lighthouse.net)

WMG Craig Brainard ..... [boomerbob1@gmail.com](mailto:boomerbob1@gmail.com)

## CHAPTER COMMITTEES

### Awards Committee

Craig Ressler ..... [craig\\_ressler@yahoo.com](mailto:craig_ressler@yahoo.com)

### Communications Committee

Ed Steinman ..... [lighthawk.pilot@gmail.com](mailto:lighthawk.pilot@gmail.com)

Carol Graham ..... [cmgt2010@gmail.com](mailto:cmgt2010@gmail.com)

### Conservation Committee

Ed McArdle ..... [ecoguy2@netzero.com](mailto:ecoguy2@netzero.com)

### Elections Committee

David Holtz ..... [david@davidholtz.org](mailto:david@davidholtz.org)

### Fall Retreat Committee

Marty MacCleery ..... [eric.piehl@gmail.com](mailto:eric.piehl@gmail.com)

### Finance Committee

Pat Egan ..... [pegan@up.net](mailto:pegan@up.net)

### Fundraising Committee

Dave Holtz ..... [david@davidholtz.org](mailto:david@davidholtz.org)

### Inner City Outings

Detroit: Maggie Davenport ..... [mdaven1@msn.com](mailto:mdaven1@msn.com)

West MI: Craig Ressler ..... [craig\\_ressler@yahoo.com](mailto:craig_ressler@yahoo.com)

Washtenaw: Joan Wolf ..... [washtenawico@yahoo.com](mailto:washtenawico@yahoo.com)

### Legal Committee

Richard Morley Barron ..... [rmorleybarron@charter.net](mailto:rmorleybarron@charter.net)

### Legislative Subcommittee

Lydia Fischer ..... [lydfisch@mindspring.com](mailto:lydfisch@mindspring.com)

### Membership Committee

Carol Graham ..... [cmgt2010@gmail.com](mailto:cmgt2010@gmail.com)

### Nominations Committee

Dorothy Nordness ..... [dorothyk114@gmail.com](mailto:dorothyk114@gmail.com)

### Outings Committee

Lorne Beatty ..... [lorne.beatty@michigan.sierraclub.org](mailto:lorne.beatty@michigan.sierraclub.org)

### Personnel

..... Steering Committee

### Political Committee

Richard Morley Barron ..... [rmorleybarron@charter.net](mailto:rmorleybarron@charter.net)

### Sexual Harassment Committee

Jean Gramlich ..... [jeangramlich@msn.com](mailto:jeangramlich@msn.com)

David Holtz ..... [david@davidholtz.org](mailto:david@davidholtz.org)

For updates and leadership changes due to elections, please visit our online directory at [www.michigan.sierraclub.org](http://www.michigan.sierraclub.org)

POSTMASTER: SEND ADDRESS CHANGES TO SIERRA CLUB, 109 EAST GRAND RIVER AVE, LANSING, MI 48906.



The Sierra Club's members and supporters are 1.3 million of your friends and neighbors. Inspired by nature, we work together

to protect our communities and the planet. The Club is America's oldest, largest and most influential grassroots environmental organization.

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# Supporting Your Chapter

## Sierra Club's Michigan Legacy Council

Sierra Club established its Michigan Legacy Council to honor individuals, groups and organizations making significant gifts to the Michigan Chapter. Their partnership and commitment to our work leaves a lasting legacy. Please join us in thanking the current Michigan Legacy Council members:

### FENS & SAPLINGS

\$500-\$999

- Alfred & Ruth Beeton
- Richard M. Barron
- Jean Carlberg & Bunyan Bryant
- Kathleen & William Davis
- Estate of Esther M. Dean
- Jon Cohn & Jeanne Raisler
- David Elliott
- Lannie Fisher
- Robert Ferguson
- Margaret A. Flynn
- Stacey Garrison
- Frank & Emily Gobrigh
- James & Beverly Haas
- Thomas (Mike) Haley
- Denise Harris
- Lynn Hartung
- Anna Holden
- Douglas Jester & Colleen Barry
- Mike Johnson & Karen Briggs
- Robert M. Johnson
- Larry Junck & Robbi Duda
- Albert & Barbara Koegel
- Chris & Mary Lampen-Crowell
- Lawrence & Mary Lockhart
- Thomas & Jill Newhouse
- Nancy Newman

- Sarah Winans Newman
- Marilyn Nichols
- John & Janice Rebers
- Cheryl Rogers
- Loretta Sheehan
- Barbara Stowell
- Fred & Alyce Townsend
- Julie Ann & Steven Wang
- John M. & Regina Wilson
- Anonymous Donors (3)

### STREAMS & WHITE PINES

\$1,000-\$2,499

- James D. & Cynthia L. Berkey
- Kenneth & Judy Betz
- David & Carol Diephuis
- Mr. John Hunting
- Murray & Jeanie Kilgour
- Samuel & Patricia Lacina
- Max McKee
- Mark Makulinski
- Jan O'Connell
- Margaret M. Phillips
- Stanley & Connie Rajnak
- Bill & Ann Salot
- Carol E. Ward
- Todd S. Wilkinson
- Anonymous Donor



Strawberry blooms, Lansing dog park

ANNEWOIODE

### RIVERS & GROVES

\$2,500-\$4,999

- Lorne & Kathi Beatty
- Lydia Fischer
- Helen & Al LeBlanc
- Rita Mitchell & Ed Steinman
- Gwen & John Nystuen
- Nancy Shiffler
- Three Lakes Group

### DUNES & SHORELINES

\$5,000-\$7,499

- Pierce Family Foundation
- Anonymous Donor

### MARSHES & PRAIRIES

\$7,500-\$14,999

- Ceci Bauer & Tim Flynn
- Patrick Egan
- Jean Gramlich
- Anne & Tom Woiwode

### GREAT LAKES & GREAT FORESTS

\$15,000+

- Thomas Buhr

Explore, enjoy and protect the planet.