

Maine Environment

PROTECTING THE NATURE OF MAINE



FALL 2006

Rising Concerns about Global Warming

NRCM releases comprehensive analysis of sea-level rise impacts on Maine's coast

Imagine Maine without most of the village of Kennebunkport or the seaside neighborhoods of Portland. Try to envision the facilities at Bath Iron Works completely under water, and the popular beaches of Reid State Park a thing of the past. The impact such losses would mean to Maine families, communities, and economy are almost unthinkable. Yet based on current global warming data from studies of glaciers, dramatic changes like these could be closer to reality than we would like to believe if we aren't more proactive about stopping global warming.



COURTESY TIMES RECORD

Many Maine communities are threatened by sea-level rise from increased global warming.

"The most dangerous impacts of sea-level rise can still be avoided, but widespread action is needed now. According to scientists, we have a shrinking window of opportunity to change our course—measured in years, not decades."

—Dylan Voorhees,
Clean Energy Project Director

This fall, the Natural Resources Council of Maine (NRCM) released perhaps the most comprehensive analysis of the impacts sea-level rise could have upon the coast of Maine.

Working with the geographic information systems (GIS) department at Colby College and with input from faculty at University of Maine's Climate Change Institute, NRCM calculated impacts for the entire coast. We used state-of-the-art computer mapping to

produce detailed maps for areas including Portland, Kennebunkport, Damariscotta, Old Orchard Beach, Scarborough, Bath, Georgetown, Mount Desert Island, and the Cranberry Isles under a three-foot and a twenty-foot sea-level rise.

"The likely impacts from sea-level rise in coming years are alarming," says Dylan Voorhees, NRCM's clean energy project director. "The map of Maine would have to be redrawn," he says.

Scientists and planners have known for more than a decade that sea level is rising. In 1995, the EPA estimated that a two-to three-foot sea-level rise was possible over the next century. Climate change scientists have recently revised their predictions in response to a faster-than-expected warming trend resulting in accelerated melting of ice in Greenland, Antarctica, and the Arctic Circle.

"Based on what we are learning in the polar regions, we must now confront the possibility of a rapid 3-foot sea-level rise

- Continued on page 4

SPECIAL EVENT

November 16
Stopping the Toxic Legacy

FEATURING

Roger Payne
and

Sandra Steingraber

See interview page 5

Inside

Staff News & Washington Watch **2**

View From My Window & Annual Meeting Highlights **3**

Sea-Level Rise Impacts on Maine **4**

Stopping the Toxic Legacy & NRCM in Action **5**

Environmental Award Winners **6**

Crafting a Legacy & Partners in Maine's Future **7**

Welcome New Members **8**

The Devil in the Details

What Plum Creek doesn't want you to know about its proposal for Moosehead

NRCM works hard to keep you up-to-date on the Plum Creek issue, so there's a lot you already know about the Seattle-based company's proposal for our treasured Moosehead Lake region.

But—

Did You Know . . .

- Although Plum Creek's promotional materials suggest there will be 500 "accommodation units" (houses, condos, cabins, hotel rooms) at the proposed Moose Mountain Resort, that in fact the number of new accommodation units is unlimited? The amount of new commercial development is also unlimited!
- Plum Creek is proposing to designate 32,000 acres for future development—Phase 2—after it completes its currently pro-

- Continued on page 4

To view all of the maps and charts depicting NRCM's sea-level rise analysis, and to read our press release, statements, and global warming fact sheet, visit our website at www.maineenvironment.org.

Visit our website:
www.maineenvironment.org



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STAFF NEWS



B. DIMOND/NRCM

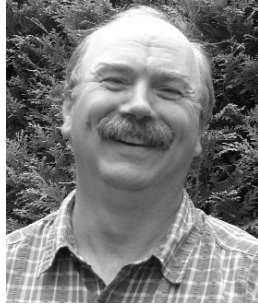
Matt Prindiville's position here at NRCM as outreach coordinator for toxics and federal issues was recently restructured. Matt's new title is Policy Advocate for Toxics and Federal Issues. He will provide leadership and planning for toxics and federal issues advocacy, and he will perform tasks from outreach to advocacy, at the State House. Congratulations, Matt!



B. DIMOND/NRCM

Governor Baldacci recently appointed NRCM's staff scientist **Nick Bennett** to the Governor's Task Force to Promote Safer Chemicals in Consumer Products. The group is made up of experts from within and outside of state government and will work with the Department of Environmental Protection to advise the Governor on the issue.

Farewell, Friends



B. DIMOND/NRCM

After nearly 11 years, **Bill Bayreuther**, grants director, left NRCM in September. During his tenure, Bill was part of some of the organization's more important challenges and victories. Thank you for your service, Bill, and good luck with the opportunities that lie ahead!



B. DIMOND/NRCM

Goodbye also to **Lynn Faria**, membership manager, who left NRCM this fall to return to nonprofit work in New York City. While here, Lynn proved a valuable addition to our membership and marketing team, and she is greatly missed!



WASHINGTON WATCH:

Keeping Oil Drilling Out of Maine's Waters

Over the past several months, drilling proponents in Congress have been working feverishly to lift the moratoria on oil and gas drilling off our nation's coasts. Chairman Richard Pombo (R-CA) steered a bill through the House of Representatives that would lift the 25-year-old moratorium on off-shore drilling, opening the door for oil rigs to be built as close as three miles from U.S. shores. The bill forces states that want to protect their coasts to jump through hoops and petition every five years to reinstate the ban in their waters. It also marks a disastrous retreat from the long-standing bipartisan commitment to protecting our nation's fragile coastline from the perils of offshore drilling.

In addition, the revenue-sharing provisions of the bill—up to 37 percent of revenues from lease sales would go to states—are essentially a bribe to states to sell off protection of their coastal waters. This would drain billions of dollars from the federal treasury that could be invested in renewable energy, energy efficiency, and research and development.

Pollution from drilling off the coast of one state could poison the waters of another. A spill in New Jersey, for example, could easily become Maine's mess to clean up. Even a small spill could wreak havoc on the fragile coastline and beach areas of numerous states and jeopardize billions in tourism revenue. Then there's the catastrophic impact drilling operations could have on our already overburdened fishing industry.

Lifting the moratorium on offshore drilling would do almost nothing to reduce dependence on oil or cut gas prices. It is by far the slowest, dirtiest, most expen-

sive way to meet energy needs. Lawmakers could accomplish much more if they focused on clean energy solutions that could save consumers money right away. Instead, we face the same old drilling proposals that benefit an oil industry that already has access to more than 80 percent of the oil and gas resources on the Outer Continental Shelf.

NRCM is working closely with our colleagues in Maine and nationally to urge Senators Olympia Snowe and Susan Collins to take leadership positions against the Senate version of the bill. We reached out to the commercial fishing industry and teamed with the Northwest Atlantic Marine Alliance (NAMA) on a media tour around the state that garnered press in the major dailies, on public radio, on television, and in two solid editorials. As one of the first assignments in his new job, NRCM's clean energy project director, Dylan Voorhees, traveled with energy policy expert Melinda Pierce and NAMA representative Craig Pendleton to bring this story to Mainers and to our Senators. We've been in close contact with Senate staff on the issue, and I traveled to Washington D.C. to meet with them to urge both Senators to speak out publicly against lifting the ban.

Thanks in part to NRCM's efforts and the work of our colleagues, Senators Snowe and Collins both have publicly opposed the lifting of the moratoria. Senator Snowe spoke out against the bill even being brought to the Senate floor for a vote. NRCM will continue to advocate for protecting Maine's coastal waters and our commercial fishing industry.

—Matt Prindiville, Policy Advocate for Toxics and Federal Issues



B. DIMOND/NRCM

Maine's coast would be threatened if the federal government passes proposed offshore drilling legislation.

Maine Environment

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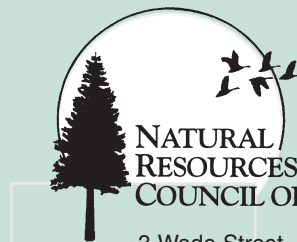
Executive Director, Natural Resources Council of Maine / Everett "Brownie" Carson

President, NRCM Board of Directors / Sharon Tisher

Maine Environment is provided four times a year to more than 10,000 members and supporters of the Natural Resources Council of Maine. NRCM is a Maine-based nonprofit membership organization working to protect, conserve, and restore our land, air, wildlife, and water, now and for future generations. Membership starts at \$28/year.

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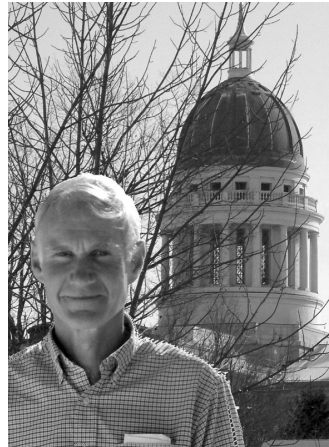


NATURAL RESOURCES COUNCIL OF MAINE

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Redefining the Impacts of Global Warming in Maine

The Maine we know could be a very different place within the lifetime of our children. Leading scientists agree that given the current rate of Greenland's melting glaciers resulting from global warming, a three-foot rise in sea level is very real possibility within the next 50 years. To understand what this really means, NRCM worked closely with Greg LaShoto, a GIS student at Colby College, to develop maps depicting the impact of sea-level rise on some of Maine's signature coastal locales. The data were provided by leading climate change scientists, and results are disconcerting, to say the least.



B. DIMOND / NRCM

A three-foot sea-level rise would consume much of Kennebunkport village and swamp the Bush family home on Walker's Point. Bath Iron Works, a major provider of jobs for our state, would see most of its facility flooded. Old Orchard Beach, a Maine icon and major tourist destination, would suffer tens of millions of dollars of property loss.

Some scientists believe we are on track to experience a 20-foot sea-level rise. While this would take longer to occur, experts say that we could reach a tipping point well before the year 2100, after which it will be impossible to prevent such a rise. Based on our maps, I-295 through Portland would be underwater, and there would be no more Commercial Street. Reid State Park in Georgetown, breeding grounds for the endangered Piping Plover and a favorite swimming beach for Maine families, would be unrecognizable, and 30 percent of the Cranberry Isles, near Mount Desert Island, would be gone.

If current trends continue, some of Maine's most special places will be seen by our children and grandchildren only through photos. How would we begin to explain to them why we failed to take the action necessary to protect the place we love, the place we have chosen to call home?

To raise awareness of the urgency of our findings, NRCM held a press conference September 19 in Portland. We were joined by Portland Mayor Jim Cohen, Professor Gordon Hamilton of the Climate Change Institute at the University of Maine, and others who cautioned about the impact of sea-level rise on Maine's economy and cultural heritage. The story was picked up extensively by the press.

Although the window of opportunity to reverse the current global warming trend is closing, it is not too late to prevent devastation to some of Maine's most vulnerable places, and the Natural Resources Council is leading this effort in Maine.

Most recently, our Maine Global Warming Challenge is more than three-quarters toward our goal of reducing 600,000 pounds of global warming pollution by Earth Day (April) 2007. This is thanks to you, our members and supporters who have taken the pledge to make easy yet important choices in your daily lives to reduce emissions. Hundreds of you have signed our postcard urging President Bush to make the U.S. a leader on energy conservation and clean, renewable sources of energy. Your membership dues help provide the financial support we need to stay on top of the latest research and to work for legislation to protect our families and our communities from the harm of global warming pollution. Thank you.

Brownie

—Brownie Carson, Executive Director

FAST Facts

The EPA has not met 30 percent of the Clean Air Act's requirements and regularly misses deadlines, according to the Government Accountability Office. The GAO said the EPA has not yet met 239 of the law's requirements, and of those fulfilled, only 12 were met on time. *Associated Press*

Global warming puts 12 famous U.S. national parks at risk. All are in the American West, where temperatures have risen twice as fast as in the rest of the United States over the last 50 years. On the list are Glacier National Park (MT), Rocky Mountain National Park (CO), Yellowstone (WY), and Yosemite (CA). *Reuters*



Bison in Yellowstone National Park

Nineteen scientists from 13 countries signed a declaration saying that **the world is on the brink of a major biodiversity crisis.** The declaration, published in the journal *Nature*, is calling for the creation of an international body to advise governments on how to protect the planet's ecosystems. *Reuters*

Highlights from our 2006 Annual Meeting

NRCM held its annual meeting on Saturday, October 14, 2006 at the University of Maine campus in Orono. Thanks to all members and guests who attended. You helped make the event very special!



After refreshments, members moved into the auditorium for Brownie Carson's "Extraordinary Places" presentation, which was followed by a panel discussion featuring (left to right) John Banks of the Penobscot Indian Nation, Jim Glavine of Beaver Cove on Moosehead Lake, and Bruce Farling, Montana conservationist sharing about Plum Creeks practices in his state. The panel was moderated by NRCM's North Woods project director Cathy Johnson (far right).

Right and below: A light lunch followed by honoring our 2006 Environmental Award winner presentations (see page 6).



Below left and right: After the meeting, some three dozen members gathered at the Orono Bog Boardwalk for a guided plant and bird walk and to enjoy the beautiful autumn day.



VOTE "NO" ON TABOR to Protect Maine's Environment!

TABOR poses a real threat to the future of our already under-funded conservation and environmental protection programs. The lesson from Colorado, another state with rich natural resources and a long history of conservation, is that budgeting through arbitrary formulas will greatly impede our ability to react to calamity and opportunity alike. We want to continue to invest in Maine's natural resources, not divest in it.

TABOR (Taxpayer's Bill of Rights) would constrict Maine's ability to maintain its valued parks and recreation areas that Mainers and tourists value. It would cap the already limited resources available to the Department of Environmental Protection to enforce current and future laws that work to keep our lands and waters clean. It would restrict future investments in land conservation.

Read more on our website www.maineenvironment.org and tell your friends and neighbors to vote "No" on TABOR!

Tip of the Day

Join a Library. You'll have access to more books than ever, save money, AND save paper. Visit our website at www.maineenvironment.org.

Comments? Suggestions?

Do you have comments or suggestions about our newsletter? We want to know what you think! Although we don't have room to run comments in our newsletter, we may publish them online. Send your comments to Editor, *Maine Environment*, Natural Resources Council of Maine, 3 Wade Street, Augusta, ME 04330 or email them to allison@nrcm.org.



JERRY & MARCY MONKMAN

Brassua Lake is slated for development in Plum Creek's proposal for the Moosehead region.

- Continued from page 1

posed development of 975 house lots and 2 resorts with unlimited additional residential and commercial development?

■ Although boat houses built out over the water are generally not allowed under current rules, Plum Creek's development proposal would allow an unlimited number of boathouses, or club houses, up to 5,000 square feet (more than twice the size of the average American home) to be built on shorelines anywhere development is proposed.

■ Lots proposed on the northwest shore of Moosehead Lake are more than 35 miles from Greenville and are so remote that they are not currently accessible even by logging roads?

■ The conservation easement along the Moose River will only go into effect after *all* 11 shorefront subdivisions containing 164 shorefront lots on Brassua Lake are approved? This means Plum Creek could apply for and get all but one lot approved and would not have to do any easement on the river.

■ Mining will be allowed on the Moosehead Lake-Roach River easement lands?

■ Registered Maine guides would not have guaranteed free access for their clients to the Moosehead Lake-Roach River easement lands?

■ The Moosehead Lake-Roach River easement lands could be subdivided into five parcels and each of them developed with one undefined structure?

■ Surface and subsurface water extraction, and any buildings necessary for that purpose, will be allowed on the Moosehead Lake-Roach River easement lands?

■ The Moosehead Lake-Roach River conservation easement does not require Plum Creek to practice sustainable forest management?

Stay informed of the latest on our work to protect the Moosehead region! Sign up for our Action Network at www.maineenvironment.org or by calling Ryan Ewing at (800) 278-2345 ext. 243.

Least Tern, a threatened species that breeds at Reid State Park in Georgetown, an area that would be destroyed by increased sea-level rise from global warming.



GARTH MCELROY

Global Warming - Continued from page 1

caused by melting glaciers," says Professor Gordon Hamilton of the Climate Change Institute at the University of Maine.

It could get worse. This summer, as part of the multi-state suit against carmakers who are trying to block tough emission standards, NASA's top climate scientist testified that a sea-level rise of at least 20-feet is likely within a century if we continue on the warming track we are on. Dr. Jim Hansen, Director of NASA's Goddard Institute for Space Science, said we could be nearing a "tipping point": if we warm the earth by an additional 2° C, several meters of sea-level rise becomes 99 percent likely.

NRCM's sea-level rise maps represent a conservative estimate of impact. In reality, rising seas erode beaches and bluffs much faster than if the sea level was simply rising as in a bath tub. The area affected in the three-foot scenario could easily be doubled by storm surges. No erosion or storm surge flooding was modeled in the NRCM analysis, making the actual effects potentially more devastating.

The implications for Maine's economy would be tremendous. Many parts of Route 1 would need to be completely rebuilt and rerouted. Millions of dollars would be required to rebuild fresh water supplies and wastewater treatment plants. The value of properties along the more vulnerable—and more expensive—south coast would be in the hundreds of millions. Because these areas include some of the state's most important tourist destinations, the impact on Maine's \$3.5 billion tourism economy could be incalculable.

Add to this the ecological damage. Breeding habitat in sand dunes, tidal marshes, and coastal wetlands, used by hundreds of wildlife species, could be destroyed. Impacts would be devastating to some of Maine's most endangered birds like the Piping Plover, Saltmarsh Sparrow, and Roseate Tern.



AURELIE CAUVET

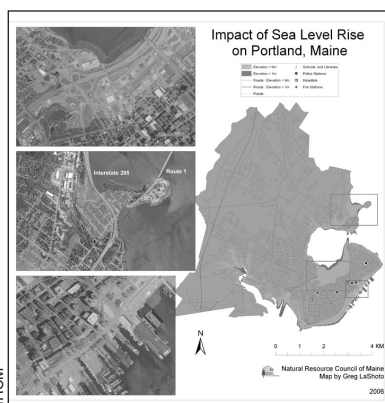
President Bush's family home on Walker's Point in Kennebunkport would be submerged based on current global warming predictions.

lennia, but this degree of change over the course of decades means that marshes, beaches, and other needed habitat will be destroyed before new nesting grounds can be created," said Jeanette Lovitch, a biologist, birder, and business owner from Yarmouth.

Voorhees notes that Maine has made some progress through leadership by individuals, including more than 125 NRCM supporters who have signed on to the Maine Global Warming Challenge (see page 5). He says that although the State has taken steps by passing the Cleaner Car Sales Goals and other initiatives, further action is necessary to boost energy efficiency, expand renewable energy, and cut carbon emissions from transportation.

"The most dangerous impacts of sea-level rise can still be avoided, but widespread action is needed now. According to scientists, we have a shrinking window of opportunity to change our course—measured in years, not decades."

Voorhees adds that cities should be doing more to help solve the global warming problem, and he points to



NRCM

NRCM created maps showing the impacts of sea-level rise on Portland and other communities.

Mayor Jim Cohen as a leader in moving Portland toward a smaller carbon footprint. Mayor Cohen is one of about 280 mayors to sign on to the Mayors' Climate Action plan, a resolution by America's mayors to reduce greenhouse gases produced by their cities. Says Cohen, "When we conserve energy, we save money and we improve our environment. As a coastal community, Portland is particularly vulnerable to sea-level rise, and so I'm very proud that Portland was able to join hundreds of cities around America in support of the Mayor's Climate Action plan and that we are taking a leadership role through our Sustainable Portland Task Force."

Some have compared the effects of global warming to a hurricane moving in slow motion. The difference is that global warming can be prevented with the tools already at our fingertips. Citizens across Maine are invited to take NRCM's Maine Global Warming Challenge and reduce their emissions by 1500 pounds this year. And, says Voorhees, "Everyone should join us in calling on our elected leaders to get serious about global warming before it is too late."

—Allison Childs Wells, Editor and Public Affairs Director

What Sea-level Rise from Global Warming Could Mean for Maine Among the more dramatic findings of the analysis:

- 1,000 acres of downtown Portland could be wiped out, including all of Commercial Street and portions of I-295.
- Most of the village of Kennebunkport along with President Bush's family home on Walker's Point could be completely submerged.
- Bath Iron Works, the state's largest private employer, would be ruined by even a three-foot sea-level rise and completely flooded in the higher sea-level rise scenario.
- Reid State Park in Georgetown, home to several endangered species, would be devastated.
- More than 12,000 acres of land could be submerged on islands in Penobscot Bay including Vinalhaven and Deer Isle, which would destroy fire departments, public libraries, and other coastal properties.
- The Cranberry Isles could be radically transformed from five islands to thirteen, losing thirty percent of their total surface area.
- Scarborough Marsh, one of the largest and most valued wildlife sanctuaries in New England, would be almost completely destroyed.
- Of Maine's 1,250 publicly protected parcels, more than half would be harmed, even with a three-foot rise. These include 250 areas controlled by the Department of Conservation, 125 controlled by Inland Fisheries & Wildlife, plus 95 Nature Conservancy sites and 22 Maine Audubon sites.

JOIN US FOR

Stopping the Toxic Legacy

Thursday, November 16, 2006 at 7:00 p.m.

Hannaford Auditorium • Abromson Community Education Center
University of Southern Maine • Bedford Street, Portland

The following is an excerpt from an interview with Roger Payne, world-renowned whale researcher, and Sandra Steingraber, celebrated author, ecologist, and cancer survivor. To read the full interview, visit our website at www.maineenvironment.org.

Both Roger Payne and Sandra Steingraber know the power of a good story. For Payne, scientist and founder of the Ocean Alliance, it was the story of whales,

whose songs he discovered (with Scott McVay in 1967) and continues to broadcast for all the world to hear. For Steingraber, author of *Living Downstream* and *Having Faith*, it was the story of her own experience with cancer and her lifelong pursuit of the environmental causes of human illness. Both have been successful



telling their own stories and the stories of others on the global stage, and both feel that as a society, each of us has a part to play in protecting people and wildlife from toxic chemicals.

NRCM: You often communicate complex scientific information with a personal, human story, often your own. Does this use of emotion work? Why?

SS: The idea that emotion is not a part of science is a criticism that does not come from within the sciences. In my discipline, biology, it is openly acknowledged and celebrated that what you choose to study is something that you love and are passionate about. Our own personal experience shapes our interests and what we choose to study.

RP: Humans have been selected to change their minds on the basis of emotion. Unless we bring in emotion, we're not going to get everyone's attention. Like with whales. Right from the start, I knew there was something about them, something powerful to contemplate, even before I had ever seen one.

NRCM: How has a changing media influenced the way you tell your stories?

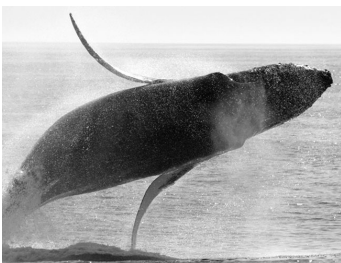
SS: We are out of practice just listening to a human voice. The Internet has made things faster. It is much easier to be an environmental detective, and the Internet has been good for community organizing. I have seen it work in my hometown of Peoria, Illinois.

RP: I created an IMAX film about whales [in 1997]. It had nothing to do with anything except getting it to Japan, which is the second largest IMAX market and is the largest whaling nation in the world. A survey of viewers showed overwhelming support for the movie, which was an embarrassment to the Prime Minister of Japan. Now, Japanese children can download whale songs free from the Internet. Mixed media is working.

NRCM: It seems so obvious that what happens to wildlife can affect humans, too, but the "canary in the coal mine" metaphor is not working with toxics.

SS: It is amazing to me how many disconnects still exist. I could spend the rest of my life explaining the connections between human health and the environment to my colleagues in various disciplines. Medical training does not always include environmental effects on health. It is one of my main callings in the world, to bridge that gap between epidemiology and field ecology, between human health and environmental issues.

RP: Pollution of the oceans is one of the biggest public health problems that humanity has ever faced. Between 20 and 70 percent of the world's population—at least 2 billion people—depend on seafood for their primary source of protein. If seafood becomes too contaminated to eat, we've removed access to a principal source of animal protein, and people will die prematurely for lack of healthy food, all because of a selfish generation. We have an opportunity to do the right thing, and we should take it, seize it, run with it.



Do Your Part to Reduce Global Warming

Take NRCM's Maine Global Warming Challenge

Maine's coastal communities, and our state's \$3.5 billion tourism economy, are at risk from global warming. Help protect the Maine you love—and the Maine you want to leave for your children—by signing on to NRCM's Maine Global Warming Challenge. Taking the Challenge is easy and will save you money on your energy bills. To sign up:

- 1) Go to our website at www.maineenvironment.org.
- 2) Choose from our menu the actions you will take.
- 3) Follow the easy sign-up instructions, and let the savings begin!

Together, we can reduce Maine's global warming emissions by 600,000 pounds over the next year. We're already three-quarters of the way there! Do your part to protect Maine's environment.

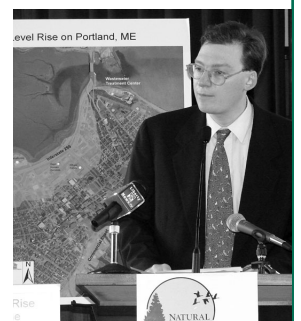
Sign on to our Maine Global Warming Challenge today!



NRCM in Action

A glimpse at where NRCM staff have been working in communities around Maine.

Rising Urgency—Dylan Voorhees, clean energy project director, led NRCM's analysis of sea-level rise resulting from global warming and its impacts on Maine (see story page 1). In September, as part of that work, we held a press conference in Portland, where speakers included a range of experts, including a scientist, biologist, coastal community residents, and the mayor of Portland. The event received local, regional, even national press coverage, helping to raise awareness about the very serious threat global warming poses to Maine's community, cultural heritage, and economy.



Dylan Voorhees spoke at our September Global Warming Press Conference.

Protecting Moosehead—North Woods Policy Advocate Diano Circo continues to be sought for presentations around the state. This fall, he gave a talk to more than 200 people at Unity College interested to hear facts about Plum Creek's proposal for Moosehead that the company isn't sharing. Circo also gave presentations at the University of Maine, Orono, and elsewhere throughout the state, including several in the Moosehead region. If you would like to stay informed of the latest on the Plum Creek issue, join our Action Network at www.maineenvironment.org.

Speaking Out for the Penobscot—U.S. Department of the Interior Secretary Dirk Kempthorne came to Brewer on September 20 to talk with Mainers as part of a national tour to gather ideas on how to encourage more collaboration between government and other groups. NRCM's federal policy advocate, Matt Prindiville, was among attendees who urged federal funding for restoration of the Penobscot River. "If you and the President are serious about cooperative conservation, then I implore you to use your leadership position to secure the necessary funding for this project," Prindiville said. The Penobscot River Restoration Project represents a coalition of conservation groups, government agencies, and the Penobscot Indian Nation working to re-open about 500 miles of habitat for the endangered Atlantic salmon, sturgeon, and other native fish.

JOIN US

Tuesday, November 28: Portland • Thursday, November 30: Bangor • Tuesday, December 19: Augusta

The Maine Department of Environmental Protection is holding information sessions about the Regional Greenhouse Gas Initiative, a major new program to reduce global warming pollution from power plants in the Northeast. This is the next major step in advancing Maine's Climate Action Plan, which NRCM helped craft. With several states

working together, this program has national significance. Each session will allow time for the public to comment on the program and identify issues that should be considered under this new law. Information sessions schedules are indicated above.

Visit NRCM's website at www.maineenvironment.org for more details about the sessions and about this exciting initiative.

2006 ENVIRONMENTAL AWARD WINNERS

Each year at our annual meeting, NRCM honors people who have made outstanding contributions to the protection of Maine's environment. These are individuals who show exceptional dedication to protecting the Maine we all know and love. Below are excerpts from the citations shared at the meeting on October 14th, 2006. Congratulations, and thank you!

Sally Jacobs

For providing extraordinary leadership in the protection of land in the Bangor-Orono region

Sally Jacobs has been described as "a worldwind," "a full-time ball of energy and ideas," and "a tireless center of activity and inspiration." How fortunate we are that such a person is focused on protecting Maine's special places. Sally is a biology instructor retired from the University of Maine and a founder of the Orono Land Trust, which recently celebrated its 20th anniversary, making it one of Maine's oldest land trusts. Sally served as its president for the first 11 years and as a board member since that time. Under her inspiration, the Orono Land Trust helped conserve 2,000 acres of Caribou Bog, a block of undeveloped habitat straddling Orono and Bangor that serves as important conservation land within the expanding urban center around Bangor.



Sharon Tisher and Sally Jacobs.

But for Sally, starting one land trust wasn't enough. She also assisted in the start-up of the Bangor Land Trust and the Sunrise Trail Coalition, a group dedicated to creating a recreational trail from Bangor to Calais on an unused rail line. And that's not all. She is at the same time helping to move forward another ambitious plan called the Caribou Bog-Penjawoc Corridor Project that will be at the forefront of maintaining habitat for wildlife within the Bangor/Orono/Old Town region. The project recently received a \$400,000 grant from the Land for Maine's Future committee.

Thousands of acres of habitat have been conserved and miles of trails established for the enjoyment of the outdoors by the people of the Bangor-Orono area, and the people of Maine, because of the tireless work of Sally Jacobs.

Dudley Greeley

For his work as an advocate for greener, more energy-efficient buildings

Some people express their passion for the environment through hiking, canoeing, birding, fishing, maybe even photography. But for Dudley Greeley, it's just as likely to show up when he speaks about CFL lightbulbs! That's because Dudley has become one of Maine's most visible and outspoken advocates of the links between climate change, energy efficiency, and green power.

As Director of the Office of Sustainability for the University of Southern Maine, Dudley has worked tirelessly toward helping the university become a model of environment sustainability for the southern Maine community. Dudley was central to instituting USM's CleanLights Program, an initiative that involved the replacement of 1,000 incandescent lightbulbs with energy-efficient compact fluorescent lightbulbs. His work has greatly reduced the university's carbon footprint and will save more than \$40,000 in electricity costs—plus an additional \$30,000 in bulb replacement costs.



Sharon Tisher, Dudley Greeley and Brownie Carson.

Such bold moves reflect not only Dudley's dedication to taking on the global warming problem but also his ability to broaden the thinking of administrators and operations managers to incorporate operating costs, not just capital costs, into institutional budget planning processes. Dudley was instrumental in the adoption of green building standards for new building projects on the USM campus, including the Abromson Community Education Center which uses geothermal heating and the latest in energy-efficient lighting. He is an effective and inspiring teacher, having developed and co-taught several courses at USM on sustainability, and is a frequent contributor and speaker at conferences and forums across the state. We are energized by Dudley Greeley's successes in guiding Maine on the way toward more energy-efficient buildings.

Androscoggin River Alliance

For its unwavering efforts to get the Androscoggin River cleaned up

The Androscoggin River Alliance has taken on one of the biggest environmental battles in the state since its formation in 2005: the fight to clean up the Androscoggin River. Even though this is an enormously difficult first issue to tackle, the ARA has persevered. The organization may be new to the scene but the people that have made it successful are not. They are citizens of the Androscoggin River Valley, and they are unwilling to accept that their rights to a clean and healthy river are less important than the demands of International Paper, which discharges nearly 40,000,000 gallons of polluted wastewater into the river every day.

The ARA continues to make the case for families who for decades have been deprived of the recreational and economic opportunities a clean river would provide them. The ARA has broadened awareness of the poor health of the river within the community and beyond by bringing together voices from across the Lewiston-Auburn area, including the compelling testimony of Bates College students at a legislative hearing that captured the media spotlight for the cause of getting the Androscoggin cleaned up.



Androscoggin River Alliance officers Neil Ward and George d'Augustine and Brownie Carson.

The relentless pressure applied by the Androscoggin River Alliance certainly played an important role in what ultimately led to the resignation of the Commissioner of the Department of Environmental Protection last year. Now, the river is closer to being cleaned up, if decision makers have the will to stand up to the powerful influences of the paper industry. As the battle for the Androscoggin continues, we can be certain that the Androscoggin River Alliance will be there to remind officials of what the Androscoggin was, what it is today, and what it could and should be again, for future generations.

FIRST ANNUAL People's Choice Award

This year, we introduced the NRCM People's Choice Award, to give our members and supporters the chance to recognize people who are making a difference in their communities. We had more than 36 nominees from across the state. After narrowing the field to five outstanding finalists, you voted, and the winner is:

Eric Brown / Fairfield, Maine

For starting Gang Green, an environmentally focused group of teachers and students at Lawrence High School

By starting a group and calling it "Gang Green," Eric showed that he appreciates the importance of getting attention! And attention Gang Green has gotten, for the cause of protecting Maine's environment. The group's first project was starting a recycling program at Lawrence High School. It became so successful that it grew to include the junior high and administrative offices nearby. Eric organized an Earth Day display in the Lawrence High School foyer that focused on various environmental concerns and showed how Gang Green's recycling program had saved the equivalent of 600 barrels of oil. Eric and his students demonstrated that they also have a green thumb by planting a garden to produce vegetables so that fewer are transported from across the country thus reducing the carbon footprint. Under Eric's guidance, Gang Green hopes to continue to increase its environmental action throughout the school year and beyond.



Sharon Tisher, Eric Brown and Brownie Carson.

MaineShare, an Easy Way to Support NRCM's Work

Do you enjoy the outdoors? Do you want to help Maine kids enjoy safe childhoods and well-rounded educations? Have you or someone you love been touched by cancer?

MaineShare connects you to the issues that matter in your life. Established in 1989, MaineShare provides employees of businesses large and small an easy way to support statewide organizations working to improve the quality of life for Maine people.

MaineShare also supports organizations that protect the environment—like the Natural Resources Council of Maine.

Donors to MaineShare give a few (or more!) dollars every paycheck, deducted automatically. Those small gifts, which are tax deductible, add up to one large gift by the end of the year. You may choose to support selected organizations or to have your gifts shared equally among the many worthy nonprofits that belong to MaineShare.

NRCM is one of the beneficiaries of MaineShare. Other organizations include KIDS Consortium, Maine Center on Deafness, Maine Coalition to End Sexual Assault, Maine Federation of Humane Societies, the Maine Hospice Council, and many more.

We are also one of more than 140 workplaces across the state that participates in MaineShare.

If you currently participate in MaineShare, THANK YOU! If you would like to get your company involved, please visit our web site, www.maineenvironment.org. We are linked to MaineShare through the "Donate" page.

—Gretta Wark, Development Director



Support NRCM's work by giving through MaineShare

Crafting a Legacy

Burt Libby builds canoes. Large and small, his hand-crafted wood-and-canvas canoes are magnificent examples of a Maine art form.

Executive Director Brownie Carson and other NRCM staff got a close look at one of Burt's creations in September. Burt presented a 5-foot miniature—a scale model of one of his 13 1/2-foot canoes—to NRCM in recognition of our work to protect the woods and waters of Maine that he has enjoyed for many decades.

At his Litchfield shop, Burt crafts individually each piece of wood: gunwales of cherry and spruce, cedar planking and ribs, and oak keels. Once planked, the canoes are covered with canvas, waterproofed, and painted. Every boat—whether full-size or miniature—takes about 100 hours to make.

Burt, now in his mid-eighties, began building canoes after he retired. His wife needed a vessel light enough to lift on and off a car herself. Burt did some reading, designed his own model, and built a 47-pound, 13 1/2-foot boat. He hasn't stopped since.

Burt has been a member of NRCM for 16 years. "We're grateful to Burt for his generous support of our work over the years and for presenting this extraordinary gift," says Brownie. "It will grace our offices as a reminder of our commitment to protect the rivers, lakes, and forests that our members love so much."

—Mathew Scease, Major Gifts Director



Burt Libby, a long-time member, came by our offices in Augusta to present one of his handmade wood-and-canvas canoes to Executive Director Brownie Carson and NRCM.

Stopping the Toxic Legacy

Thursday, November 16th, 2006 at 7:00 p.m.
Hannaford Auditorium • Abromson Community Education Center
University of Southern Maine • Portland Campus

LECTURERS



Dr. Roger Payne,
world-renowned whale researcher,
founder of Ocean Alliance



Dr. Sandra Steingraber,
celebrated author, ecologist,
and cancer survivor

Dr. Payne and Dr. Steingraber will make the connection between our environment and our health, and what we can do to protect both.

MODERATOR

Sharon Tisher, President, NRCM Board of Directors

Drop On(line) By at www.maineenvironment.org!

Get breaking news about Maine's environment by adding NRCM's website to your browser's "Favorites." You'll find the latest news about our issues and have ready access to our press releases and statements. View the latest "My Maine This Week." Read in-depth descriptions about the different project areas we work on. Logging onto the www.maineenvironment.org daily also helps you stay connected to people who share your values—protecting the nature of Maine. **Bookmark us today!**

Join NRCM's PARTNERS IN MAINE'S FUTURE

The monthly giving club
for people who love
Maine

BECOME ONE OF A SPECIAL GROUP OF PEOPLE safeguarding Maine's environment in a unique way. Partners in Maine's Future give in support of NRCM's work each month automatically through their credit card or checking account. For as little as \$5-\$25 per month, you can show your ongoing commitment to helping NRCM keep Maine Maine. Become a Partner today!

Yes, I want to invest in the future of Maine!

Name _____

Address _____

Phone _____ Email _____

I agree to make a monthly contribution of:

\$5 \$10* \$15 \$20 \$25 Other \$ _____

Please charge my credit card:

VISA MasterCard Discover AmEx

Account # _____

Signature _____ Exp Date _____

Please use my checking account:

I authorize my bank to transfer the amount indicated from my checking account to the Natural Resources Council of Maine. My bank statement will serve as my monthly receipt. To change my gift, I will contact NRCM.

IMPORTANT: Please enclose a check for your first month's contribution and account verification.

Signature _____ Date _____

* qualifies you for membership in the Landmark Society. At this level of support, you will receive quarterly update reports from the executive director and invitations to special events.



Welcome, New Members!

New Members July 1, 2006 through September 30, 2006

Alice Abbott
Charles and Mary Abbott
Robert and Cynthia Abrams
Marcia Adam
Frank and Chloe Adams
Daniel Albert
Bill and Sue Alto
Gregory Altznauer
Mr. Jesse Amsel III
Mary Ellen Andren
Janice Anthony
David Greeley
Mr. Fredrick Appell Jr.
Ms. Arletta Ashe
Sally Backus
Kenneth Bahm
Joseph and Dorothy Bahntka
Mr. and Mrs. Robert L. Barchi
Jane Barron
William Basford
Hannah Bass
John and Caryll Batterman
Paul Baxter
John Beale
Bruce Bean
Patricia Berger
Lt. Col. Richard Bevan
Roger and Mary Bevan
Mr. David Bice
Ann Billings
Alice Bixby
E. Donald Blodgett
Barbara Blood
Colleen Boddy
Nancy Borden
Andrew and Carolyn Bosso
Samuel Brendler
William Breuninger
Carolyn Britt and Michael Schaaaf
Suzanne Broidrick
James and Jayne Broughton
Anne Brown
Marion Brown
Betty Brown
Dr. Kendra L. Bryant
Dr. Andrew F. Wisch
Richards and Margaret Burhoe
John and Marjorie Burns
Donald Burt
Ms. Cynthia Cable
Susann Campbell
Dorothy Campbell
Stephen and Carol Canter
Anthony and Margaret Caraco
John and Linda Carman
Janice Caron
John and Judith Carpenter
Mr. Louis Casale
Joseph Cembrola
Gail Cetei
George and Patricia Ann Cherry
Joanne Chessey
Bruce and Conrad Childs
Nancy Clark
Marie Clarke
Michelle Clarke
Nikki Clayton
Evelyn Clisham
Fred Collins
Cynthia Cotton
Warren and Glenys Covell
Merry Craig
Dianne Crane
Judith Crispell
Doris Crosby
Richard Culgin
Mr. Matthew Cullen Jr.
Barbara Cutter and Brian Roberts
Mary Ellen Daigle
Peter and Lois Day
Cheryl Dearman-Mills
Mr. and Mrs. Henry Dillenbeck
Frances Dolan
Susan Donnelly
Leonard Duffy
Joanna Dumont
Elizabeth Manner Dunn
Rae Duval
Stuart Dwyer
Keith Eaton
Marion Eshelman
Sandra Estabrook
Dewey Fagerburg
Debra Faramelli
Fred Farnham
Judith Farr
Elizabeth Fay
Rebecca Fernald
Anna Fernald
Peter Finkel
Samuel Finney
Mr. and Ms. Andrew J. Forster
Ms. Molly Foshay
Rebecca Fraser-Thill
Samuel Fuller
Stephen and Elaine Gaetani
Mr. and Mrs. Edward Gaias Jr.
John and Patricia Gannett
Robert Garcia
Kristen Gardella
John and Lolly Garrec
Monique Gaudet
Pierre and Jamie Gaudion
Robert Gempel
Ms. Elsa Geskus
Lester Good
Randall Gowell
Walter Graff
Elizabeth Grant
Mel Grant
Mr. and Mrs. Colin Grant
Mary Gray
Arlynne Grearson
Elwood Green
Robert and Valerie Greenberg
Allen and Sarah Greenough
Thomas Greenwood
Mr. and Mrs. Lee Grodzins
Bruce Guernsey

Roland and Florence Guillelte
Steven Gurka
Mrs. William Hadlock
Joann Haines
Suzanne Haley
Bruce Hamilton
Robert Hargreaves
Vicki Harner
John Harrington
Alison Harris
Edward Harris
Mr. and Mrs. Joseph H. Harrison Jr.
David and Bonnie Hartford
Don Hartley
Wayne Harvey
Glenn Hatfield
Helen Hathorne
David Hawkins
Emily Hawkins
Judith Head and Michael Jones
Jerry Henderson
Steven Henricks
V Susan Hillyer
Mr. and Mrs. George S. Hoffman
Carolyn Holbrook
Dianne Holcomb
Debra Holloway
Lawrence Homer
S. Jeanette Hopkins
Lewis Horzempa
Douglass Houdlette
Clare Howell
Mrs. Nathan Hyman
Jacquie Janssen
Jessica Jansujwicz
Wallace and Patricia Jeffrey
Mr. Norman Jewett
Sally Johnson
R. Gates Johnson
Pamela Johnstone
Mildred Jones
Charlotte Jones
Shirley Jordan
Kevin Jordan and David Crowley
Gene Judkins
Jacqueline Kahn
Debbie Kidd
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Peter and Jacquelyn King
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C. Miller Knutson
Jan Kooistra
Mr. and Mrs. Albert R. Korsak
Joanne Kronauer
Rebecca Krupke
Frances Kuplinski
Susan Labbe
Abigail Lange
Richard Lawrence
Aaron and Louise Lazare
Maurice Lebel
Joseph Ledoux
Robert Lees
Diana Lehman
Daniel Leonard
Edward Lesswing
Michael Letendre
Jon Levenseler
Pauline Levin
Calvin and Lois Libby
Kali Lightfoot
E. Christopher and Susan Livesay
Wendy Lloyd
Won Mee Loken
Anna Lokin
Gretchen Lucchesi
Mr. H. John Lumsden
Richard Lynn
Susan MacBride
Alice Mansfield
Morgan Allen Marin
Mr. and Mrs. Calvin R. Massey
Paul Mathews
M C Mattson
Dr. Mary-Lynn McBride
Kermit and Suzanne McCormack
Sean McDermott
Kate McDonough
Elizabeth McIveen
Gary McLaughlin
Thomas Meurer
Toni Meyer
Dorothy Meyer
Stephen Miller
Bradford Miller
Gladys Miller
S. Wm. and Gloria Minnick
Richard Moody
Pauline Moody
Suzanne Moran
Janet Mordarski
Terri Morin
Cheryl Morin
Dr. Peter Morse
Mike Morton
Margaret Mosher
Franklyn Moshser
Rev. and Mrs. Charles A. Munion
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Anthony Nazar
Wilson and Victoria Neely
Carol Nemeroff
Rodney and Elaine Nightingale
Benjamin and Anne Niles
Carl and Carol Nordquist
Mary Norton
J. Robert and Suzanne Nuss
Noreen O'Brien
H. Michael Opitz
Lester Page
Mr. and Mrs. Richard Paget
Earle Palmer
Martin and Amy Pascale
Mary Jean Perez
John Perrault
Katy Perry
Philip Peters
Charles and Elizabeth Pettigrew
Carole Pfeufer

Jason Phelps
J.D. Phelps
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Robert Pinsky
Robert Piper
Mr. and Mrs. Marek L.B. Plater
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Ronald Potts
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Thelma Regan
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Richard Rice
Michael Riley
Loren Ritchie
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Christopher Rosen
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Michael Rotindo
Jim Rowan
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Mr. Richard Roy
David and Harriet Rudd
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Cicely Russell
Evelyn Ryder
Anthony Rypka
Mr. Millard Saban Jr.
Joel and Kristen Sanders
Rosaline Sanford
Priscilla Sargent
William and Clorinda Schenck
Robert and Lisa Schleelein
Miriam Schneider
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Connie Schulz
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Barbara Scordato
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Mr. Walter Sheble
Margo Sheppard
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Judith Siverson
Carol Sloane and Jim Bowers
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Mr. Lendall Smith
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Harry Stenger
Martha Stevens
Robin Stidworthy and Richard Knox
Jeanine Storrs
Anna Strickland
Kevin and Susan Sullivan
Barbara Sullivan
Prof. Virginia Swain
Mr. Harry Beskind
Carol Lee Swaltek
William Sweeney
Florence Tash
Nicole Taylor
James and Barbara Taylor
Norman Thombs
Allen and Mary Thompson
Richmond Thompson
William and Louise Thompson
Arden Thompson
John Thomson
Mr. Jacob Timbers III
O. George and Diana Tobey
Frederick and Diana Tolman
Helen Tonetti
Betty Torrance
Roland Tourangeau
Ryan and Danielle Triffitt
Phyllis Truesdell
Ethel Turner
Kathy Usiak
Charles Utter
Jan Pieter and Andrea Van Voorst Van Beest
Gregory and Juliette Veilleux
Elizabeth Ventura
Richard and Lois Wagner
Susan Walker
Mary Lee Ward
Matthew Ware
Robert Webster
Lindsay Werner
Mr. J.C. Whetzel Jr.
Richard White
Mr. Edward Whitehead and Mr. Duncan Ralph
Clyde Whitten
Mr. and Mrs. Herman P. Wiegand
Robyn Wiley
Linda Williams
Michael and Barbara Williams
Mr. Maynard Wilson
Kathleen Winberg
Nathaniel Wing
Charles Wonn
Mr. Paul Woodring Jr.
Bethany Woodworth
Mr. and Mrs. Bertram Work Jr.
Douglas Yohman
Kippy and Gail York
David Young
Louise Zagami
Mike Zajchowski
Dorothy Zech

Special Gifts in Honor of People or Events

Memorial gifts

Margaret Bruno in memory of Madie Demers
Burchard Ranger in memory of Pat Ranger
Norma Krajczar in memory of Charlotte Ritter
Henry and Ruby Bolton in memory of Alva Morrision

Gift Memberships

Frank and Chloe Adams from Stephanie Baird
Norman Thombs from Beth Dimond
Bruce Childs from Anonymous
Mike Zajchowski from Anonymous
Debra Holloway from Fred Farnham

New members of PARTNERS IN MAINE'S FUTURE Program

Kathy Campbell	Kristin Hutchins	Stan and Michelle Moody
Ms. Rose Cleary	Bonnie Jardin	Pauline Nason
Richard Diamond	Sandra Johnson	Frederic Pease
Hannah Dring	Ms. Loraine Kohorn	Mr. Robert Schaible
Lincoln and Suzanne Fiske	Virginia Long	Sandy Smallidge
Richard Foss	Ms. Mary Lou Lowrie	Annetta Weinhardt
Mr. Bill Hahn	Keith Marple	Conrad Wurtz
E. Virginia Grover	Carleton Mills	
	Ms. Margaret Mitchell	



"This photo was taken in Bremen, just off the shore by the dock across from the Audubon camp. This was our first trip to Maine. We had a great time."
—Terry Mingle, Cortland, New York

Send Us Your

"My Maine This Week"

Do you have a photograph that shows your love for Maine? A poem? Short prose? We'd love to feature it on our new homepage feature, "My Maine This Week." Send your submissions to beth@nrcm.org. And visit our website often at www.maineenvironment.org to see the latest "My Maine This Week."

Thank You for Helping Us at the Fair!

Turn out at our booth at this year's Common Ground Fair was as high as ever despite the rain. A very special thank you to our volunteers who helped us share our message to protect Maine's environment!

Nathan Booker	Julie LaChance
Emily Bright	John Maguire
Alexandra "Z" Brown	Ron McKusick
Katie Chapman	Teagan McMahon
Jodie Clark	Emily Newell
Caroline Gill	Jessie Ricker
Sandy & Ole Jaeger	Roxanne Rollins
Tasha Kimmert	Linda Woods



Volunteers Jessie Ricker (l) and Teagan McMahon



Action Network Coordinator Ryan Ewing talking with a fairgoer concerned about Plum Creek's proposal for Moosehead.

SHARE YOUR THOUGHTS

Do you have thoughts you would like to share about any of our issues? About your love for Maine's environment? About why you support NRCM? We've created "Share Your Thoughts" as a special place on our website for member voices. Send your thoughts to beth@nrcm.org. Please put "SHARE YOUR THOUGHTS" in the subject line.