



C L E A R W A T E R

Navigator

FALL 2006

Catalog Inside!
SEE PAGE 6 FOR HOLIDAY
GIFT IDEAS FROM CLEARWATER!

Climate Change: The Regional Context

By ANDY MELE, CONTRIBUTING WRITER

Key scientists and public figures who are calling for action to reduce greenhouse gas emissions are no longer referring to “global warming.”

They are calling it “*catastrophic climate change*.”

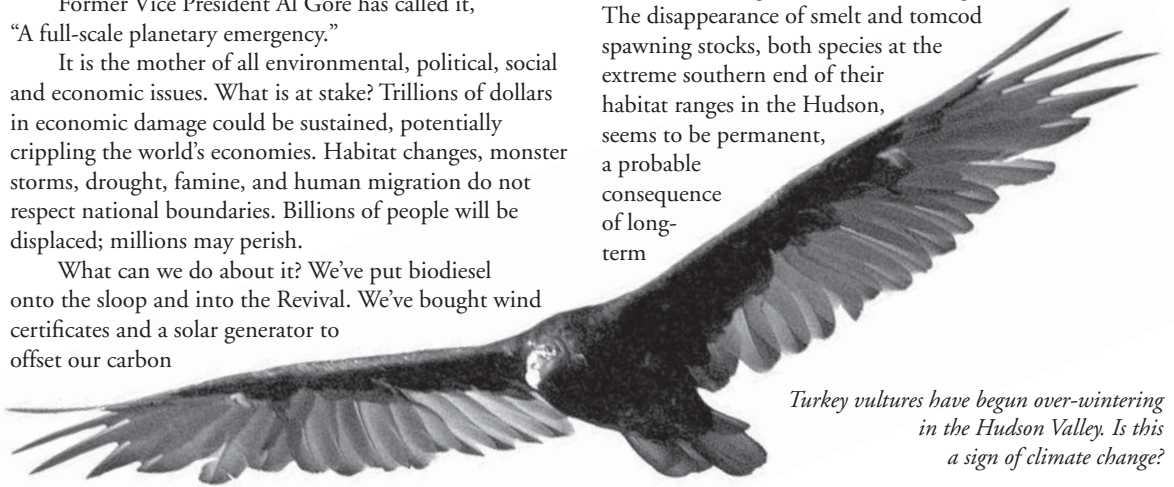
Former Vice President Al Gore has called it, “A full-scale planetary emergency.”

It is the mother of all environmental, political, social and economic issues. What is at stake? Trillions of dollars in economic damage could be sustained, potentially crippling the world’s economies. Habitat changes, monster storms, drought, famine, and human migration do not respect national boundaries. Billions of people will be displaced; millions may perish.

What can we do about it? We’ve put biodiesel onto the sloop and into the Revival. We’ve bought wind certificates and a solar generator to offset our carbon

mine. This summer’s heavy rainfall may be nothing more than a spike on the region’s meteorological charts.

Some changes seem to be sticking, however. The disappearance of smelt and tomcod spawning stocks, both species at the extreme southern end of their habitat ranges in the Hudson, seems to be permanent, a probable consequence of long-term



Turkey vultures have begun over-wintering in the Hudson Valley. Is this a sign of climate change?

emissions. We have arguably the best carbon calculator on our web site to help identify other steps we can take. We’ve supported sustainable energy and we’ve opposed weakening the Clean Air Act. We’ve supported the northeastern states initiative and carbon caps.

So why aren’t we teaching the science of catastrophic climate change in our schools and on the *Clearwater*?

Probably because of the fear factor, the same reason we chose not to directly speak of PCBs and nuclear safety to younger schoolchildren – the bulk of Clearwater’s program participants. We don’t consider it good form to scare kids – but we may not have the luxury to nuance our message much longer.

According to NASA scientist James Hansen, we have 10 to 15 years remaining until we have irrevocably locked in the forces that will make this planet a place we wouldn’t recognize. Today’s fourth grader will just have time to be tomorrow’s voter.

The challenge of teaching climate change in any given ecosystem – other than the polar regions – is that local and regional observations often cannot be definitively described as either short-term movement or long-term trends. The overwintering of turkey vultures and Carolina wrens – totally new phenomena in this region – could be anomalies just as readily as they might be canaries in a coal

risers in water temperature.

It would be morally and ethically deficient to shrink from describing a global certainty because we can’t have local certainty. How, then, do we teach a regional approach to climate change?

We should teach everything we can see, turkey vultures, tornadoes, and tomcod alike, but be clear about any lack of certainty. There is value in teaching possibilities as well as absolutes. The same science permeates both types of discussion. Local and regional observations are a bridge to discussion about the global picture, an invaluable way of overcoming the barriers of space and time to create ideas on a comprehensible scale.

How, for example, do you discuss the impact of a sea level rising just one meter on the Hudson River estuary? What better way to drive home the point that an estuary is an arm of the sea? What better context for talking about the hydrology of an estuary? How better to present the biology and sensitivity of tidal marshes, the source of dissolved carbon that supports the food web, than in the context of a global threat?

Clearwater is taking a look at the impacts of global warming and ways to teach it. God willing and the creek don’t rise, climate change will be taught on the sloop next summer.



Dear Clearwater Family,

Today the Hudson is a very different river than it was in 1966, the year that Clearwater was founded. Much of the River is swimmable and life is returning to its waters. We are proud of the progress made over the years to restore the Hudson River's health, but of all the successes worth celebrating in our 40th year, we are most proud of the nearly half-million people we have directly touched with a sail on the sloop *Clearwater*.

As noted paleontologist Stephen J. Gould pointed out in an essay, "We cannot win this battle to save species and environments without forging an emotional bond between ourselves and nature as well – for we will not fight to save what we do not love." Clearwater has helped us all learn to love the River again.

Some of Clearwater's recent initiatives to meet current challenges through education, advocacy and outreach are:

- Expansion of our onland programming at the Esopus Meadows Environmental Center in partnership with Scenic Hudson and on the waterfront in Beacon in partnership with Beacon Institute, Beacon Sloop Club, and DEC's Hudson River Estuary Program.
- Partnering with Beczak Environmental Center in Yonkers using mutually acquired distance learning technology.

- Strategizing in the face of threats from global warming, overambitious waterfront development, and inadequate watershed protection.

• Building capacity in the region and in local communities through the Hudson River Watershed Alliance and the Environmental Action Liaison Program.

- Working with teams of teachers from ten school systems throughout the Hudson River watershed from Lake Tear of the Clouds to New York City in partnership with WNET Channel Thirteen and Kunhardt Productions to develop interdisciplinary lessons about the Hudson River to be incorporated in the scope and sequence of learning during the school year.

Clearwater continues to connect the people of the Hudson Valley to their river. It is your love of the River that will restore, protect and preserve it.

For the River,

Gregg Swanzey
Executive Director



Clearwater Calendar

Special Events:

November 17: Watershed Commons Conference

People, Wildlife and Water in the Hudson Valley, 9-4 pm. Mohonk Mountain House, New Paltz. Contact Ryan Palmer at Clearwater. (845) 454-7673 x116.

December 15: Rocking the Boat Launch Celebration

4pm boat launch, 6pm party with live music and home cooked food! At their new Hunts Point headquarters, end of Lafayette Ave on the Bronx River. (718) 466-5799.

Ongoing Events: (Please call to confirm!)

Sloop Clearwater Winter Potlucks

Come meet the winter crew for food, music and fun on the third Saturday of the month, Nov-March at the winter crew apartment in Saugerties (11/18, 12/16, 1/20, 2/17, 3/17). (845) 454-7673.

Sloop Clearwater Winter Maintenance

Check our progress and help with winter maintenance projects on your boat! Tues-Sat. (845) 454-7673.

Beacon Sloop Club Potluck Supper & Music

First Friday of the month, 6pm. Across from the Beacon train station. (845) 831-6962.

Monmouth County Friends of Clearwater Potlucks

First Sunday of the month, 2pm at UUCM Meeting House. (732) 872-9644.

Rockland Friends of Clearwater Potlucks

Second Wednesday of the month, 6:30pm, Grace Episcopal Church, Nyack. www.rocclear.pair.com.

Riverlovers Potlucks

Second Friday of the month, 6:30pm, Croton Point Nature Center. (914) 827-3696.

*Apologies to those Sloop Clubs we missed.
We'll get you in the next issue!*

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The Watershed Commons: People, Wildlife and Water in the Hudson Valley

The Hudson River Watershed Alliance conference this November will explore the various interconnected interests and themes related to water resource protection, wildlife habitat conservation, and human needs that are present in the Hudson River watershed. We hope to create a regional dialogue on how to more fully integrate watershed and biodiversity protection efforts while addressing the growing needs of the human community.



Our keynote speaker is Robert Glennon, Morris K. Udall Professor of Law and Public Policy at the University of Arizona and author of *Water Follies*. Mr. Glennon will address groundwater pumping and the fate of our nation's fresh water, citing examples of groundwater pumping gone awry – from potato fields in Minnesota to bottled water plants in Maine and suburban lawn watering in Massachusetts.

The conference will also feature:

- Peter Groffman of the Institute of Ecosystem Studies on the importance of riparian zones.
- Colin Aps of The Nature Conservancy on stream flow: balancing ecological and human needs.
- Bob Schmidt of Hudsonia on American eels and the tributary/estuary connection.
- Rene VanSchaak of the Greene County SWCD on how proactive planning has helped minimize impacts to water and wildlife in Greene County.
- Ron Urban of Trout Unlimited on brook trout and the recreational function of streams.
- Watershed Agricultural Council's Whole Farm Program: providing food for people while minimizing impacts to water and wildlife.

Friday, November 17, 9am - 4pm

Mohonk Mountain House
Conference House
New Paltz, NY

Registration and pricing information coming soon.
For the latest information, check:
<http://www.clearwater.org/HRWA/Conference.html>

Presented by The Hudson River Watershed Alliance and Mohonk Consultations

Now Requesting Nominations for the First Annual Hudson River Watershed Stewardship Award

The Hudson River Watershed Alliance is requesting nominations for the first annual Hudson River Watershed Stewardship Award. We are seeking individuals or organizations that exemplify leadership through successful local watershed protection, management, and restoration in the Hudson River watershed.

The recipient of this award will be announced at the Hudson River Watershed Alliance's annual conference on November 17, 2006 at Mohonk Mountain House. For a copy of the announcement, nomination form, and other important details, go to: <http://www.clearwater.org/HRWA/Award/pdf>. **Application deadline is October 27, 2006.**

WALKABOUT CLEARWATER'S 19TH SEASON!

Voices together for a cleaner, healthier, more peaceful environment

Walkabout Clearwater Sloop, Inc. is an officially chartered, not-for-profit sloop club dedicated to recruitment and fundraising for Clearwater, along with the promotion of environmental awareness and social action through song, education, and other activities.

UPCOMING WALKABOUT CLEARWATER COFFEEHOUSE EVENTS:

Memorial United Methodist Church, White Plains, NY (914) 242-0374

Concerts begin at 7:30 pm. Doors open at 6:45 pm. Open seating. General admission \$17.50.

11/11/06: David Roth / Nancy Tucker

12/9/06: Guy Davis / Ann Rabson

1/13/07: Jay Ungar & Molly Mason



2/10/07: An Evening with Pete Seeger

3/10/07: John Forster / Modern Man

4/14/07: Lou & Peter Berryman

5/12/07: Trout Fishing in America

WWW.WALKABOUTCLEARWATER.ORG

HUDSON RIVER

Art Happens at EMEC

All Clearwater educational programs use an interdisciplinary approach to educate students about the Hudson River. Now, students involved in the Tideline Discovery Program have a chance to use their creative expression with the Hudson River as the medium. Throughout the year, students at the Esopus Meadows Environmental Center created a found object sculpture with items from the shores of the Hudson River.

This element of Clearwater's *New Hudson River School* follows in the tradition of many artistic genres, including Picasso's Cubist collages, and "Dadaist" Marcel Duchamps "Ready-Mades". Two contemporary artists working with similar materials are Andy Goldsworthy and John Dahlsen. Objects found on Australian beaches are the primary elements in Dahlsen's work. (see www.johndahlsen.com.) Floatable debris and man made materials figure strongly in his work and the same is true at Esopus Meadows. Natural items are also incorporated in our work, such as stones, driftwood, vegetation, and the ever-present water chestnut seed.

A massive driftwood tree trunk embedded with bricks was the base of the art project. Students searched for, added, modified and rearranged the shore objects – a true organic process.

The sculpture over time reflected the changing seasons of the river. Early spring floods gave us storm surge floatables ranging from tires to shoes. As the spring bloom arrived, more vegetation, stones and driftwood began to appear. By summertime, whole specimens of invasive species were utilized and spurred a discussion of their environmental effects. Some of the more unusual items incorporated in the sculpture were railroad spikes, sturgeon scutes, crab molts, graphite tubes from old batteries, fossilized shells and pull tab rings from 70's era soda cans. These students were true artists, because as fellow found object artist Lew Alquist (1946-2005) said, "Not everything is art but everything is art supplies."

—Eli Schloss, *Tideline Discovery Program Director—Esopus Meadows*

Thank You Crew

As this sailing season draws to a close, we captains are not only thinking about what is coming up next for Clearwater, we reminisce about the sailing season. A captain is only as good



as his or her vessel and crew. We were very fortunate to be blessed with talented and competent crew both in the spring and fall seasons. So much rides on the backs of these proletariats, from safely handling the sloop to being the face of Clearwater to so many communities that lay along the river. The crew are skilled educators helping the citizens of the Hudson River Valley connect with this wonderful public resource. They are irreplaceable to the morale of the captain and volunteers, and create a community that is full of welcoming high spirits to all who come aboard.

There has been a long line of excellent crew that have worked aboard *Clearwater* in the last 37 years. They all have worked diligently without resources we take for granted: hot showers, flush toilets, climate controlled environments, privacy and personal time. *Clearwater* would be adrift without these noble individuals.

And then there are the volunteers who have given freely of their time to help carry on Clearwater's mission. They are the spirit and soul of the organization.

I, like every *Clearwater* captain, would like to thank these individuals that have served us so wholeheartedly. I could not do my job without their trust, aid and respect. I hope to sail in tandem with all of them in the future.

Thank you.

—Scott Cann, *Captain 2003-2006*

Tideline Program in Beacon!

We're thrilled to announce the birth of a new Outdoor Education Hub, being created in collaboration with the DEC and the new Beacon Institute's Visitors Center. The Beacon Institute, currently under construction just south of the Beacon Train Station on Dennings Point, will provide a global center for river research, policy making, and education. Clearwater has been tapped to provide a site-specific land based education program. Our participation in this exciting new project will keep Clearwater on the cutting edge of environmental education and provide us with a permanent presence in this wonderfully blossoming riverfront community.

The Beacon waterfront's rebirth, due in no small part to Clearwater's long efforts to clean the Hudson, will include the construction of a new eco-friendly hotel, sculpture park, hiking trails, and docks that are being specifically planned to accommodate sloop *Clearwater*.

We are also collaborating closely with the Beacon Sloop



Club, and will be operating out of the club's facilities until completion of the Beacon Institute's Visitors Center. Our close proximity to the train station makes this program easily accessible by public transportation. We are hoping to expand the circle of people we reach and teach by adding more "adult-friendly" programming, featuring history, music, and the arts. Any ideas for potential participants (clubs, adult residences, community groups, etc) would be most welcome. Please contact program coordinator Dan Einbender at the Clearwater office at (845) 454-7673.

Urban Outreach Internships - What an Experience!

Throughout the hot summer weeks, teenagers from New York City embarked on an exciting and empowering experience—to be Urban Outreach Interns onboard the *Clearwater*. The Hudson River was uncharted territory for many of these youth. However, the five teens flourished in the sloop's unique environment – learning how to be educators, sailors, and responsible community members. The interns that joined us for the 2006 summer season were: Jose Melendez from the Harbor School, Monika Ozog, Elizabeth Staszweski and Victor Medina from the High School for Environmental Studies, and Giomary Solis from the Naval Jr ROTC at the High School for Graphic Arts and Communications. After two weeks, onboard intern Monika Ozog said about her internship, "You won't want to leave by the time it's over. The *Clearwater* is a beauty that teaches you the value of hard work and music. It's a worthwhile experience. I recommend it to everyone." If you are interested in getting involved in this program as an intern or a volunteer please contact onboard educator Jeannine Cahill at (845) 454-7673 x105 or jeannine@clearwater.org.

Young Women At The Helm 2006

This year's Young Women at the Helm was a rewarding time for both the participants and the staff. The young women came together beautifully as a group and put a lot of energy into the three days.

The program started on July 5 under overcast skies. The young women arrived from Albany, Wappingers Falls, Yonkers, and many other cities along the Hudson. The group was introduced to four different areas of studies: navigation, boat life, environmental issues, and ecology. Participants got to choose their area of study in the afternoon of the first day.

The first evening, we camped in the Seeger's backyard, with a great view of the Hudson River. Pete and Toshi were wonderful hosts. The excitement of being outside all day and finding new friends meant the girls got very little sleep that night.

For the next two days the girls eagerly discovered more about their chosen areas. The navigators plotted out our course while the boat life group practiced knots and methods of docking and undocking the boat. The issues group looked into some of the pressing problems of the river and the ecology group trawled for fish and crabs—rewarded for their efforts with amazing views of plankton.

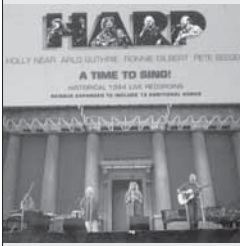
By the end of the trip, the girls were in great spirits, better educated about the river, and fast friends. Everyone was sad that it had to end!

—Tim Decker, Onboard Educator



EMEC sculpture picture by Eli Schloss; Young Women at the Helm photos by Justine Spilotos.

Holiday Catalog



NEW! HARP - A Time to Sing!
This new double CD set is a reissue of the historical 1984 live recording featuring Holly Near, Arlo Guthrie, Ronnie Gilbert and Pete Seeger. **\$30**



SALE! Clearwater Live
A compilation of highlights from Revival 2000. Enjoy great performances from Dar Williams, John Hall, Holly Near, and many more! **\$5**



Joseph Squillante Notecards
These notecards feature beautiful Hudson River scenes photographed by local photographer Joe Squillante. Set of 8 cards. Winter **\$12**; Classic or Sepia **\$15**



Fleece Hat
From playing in the snow to working in the cold, this hat will keep you warm all winter. One size fits all. Black. **\$15**

Clearwater Sunburst Sweatshirt

Featuring the classic sunburst from the Clearwater's sail, our hooded sweatshirt is both a cozy favorite and something new. Heather grey with our signature yellow and red sunburst, blue text. S, M, L & XL. **\$30**



Travel Mug

Our stainless steel travel mugs feature a pewter emblem of the sloop Clearwater. Available in Royal Blue or Silver. **\$10**



Clearwater Collectibles!

We are proud to unveil Clearwater Collectibles! The Woodcut Print is the first of many Clearwater keepsakes to be made available to the public. This is an original signed and numbered print of the sloop Clearwater. The size of the piece is 28.5" x 22". The print is suitable for framing and would make a wonderful gift for any Clearwater friend. **\$75**



The Clearwater merchandise program is undergoing a major overhaul.

As a result, a number of items are only available in limited quantities. We urge you to visit us online at www.clearwater.org for a complete selection and the opportunity to purchase many items for the last time!

Address

Name _____
Street* _____
City _____ State _____ Zip _____
Daytime Phone _____

* no PO Boxes please

Payment

Check payable to Clearwater Check Number _____
 Credit Card (circle): MC Visa Disc Amex
CC# _____ Exp Date _____
Signature _____

Shipping & Handling

\$6 up to \$20
\$8 \$20.01-\$50
\$10 \$50.01-\$75
\$12 \$75.01-\$100
Please call (845) 454-7673
ext. 101 for orders over \$100.

QTY	DESCRIPTION	PRICE EACH	TOTAL

To have your order sent as a gift, please include packing and shipping instructions. We can include a woodcut gift card and sentiment for an additional \$2. Holiday delivery is only guaranteed on orders placed by December 17th.

-10% member discount
S & H (see chart)
NY residents tax
Total Enclosed

Senator Clinton Visits the Sloop!

On Tuesday, August 15th sloop *Clearwater* was visited by Senator Hillary Rodham Clinton during one of our educational programs for participants from The Astor Home for Children at dockside in Poughkeepsie. The Astor Home for Children is a nonprofit agency providing a range of services for children and their families in Dutchess and Orange Counties and the Bronx.

We are pleased to have had Senator Clinton aboard. As the senior Democrat on the Fisheries, Wildlife and Water subcommittee of the Senate Environment and Public Works Committee, she is working on issues vital to the environment and our beloved Hudson River. This was a chance to voice our concerns on behalf of our constituencies.

Senator Clinton was one of the key negotiators of the No Child Left Behind Act, the comprehensive overhaul of our nation's education policy, and now a member of the Senate Health, Education, Labor and Pensions Committee. During this visit, she witnessed the powerful learning that students can experience only by getting out of the classroom and down to the Hudson River through *Clearwater* programs.

There is another reason the Senator's visit was so important to us. We have a proposal before the Save America's Treasures Committee for work that is critical for the restoration of the sloop *Clearwater*. A grant from SAT will help us bring *Clearwater's* multi-million dollar restoration to completion.

Save America's Treasures, established by Executive Order in February 1998 under the Clinton Administration, is dedicated to the preservation and celebration of America's priceless historic legacy and "works to recognize and rescue the enduring symbols of American tradition that define us as a nation." In 2004, the sloop *Clearwater* was named to the National Register of Historic Places for its "exceptional significance in the history of environmental activism."

First Lady Hillary Rodham Clinton served as Honorary Chair of the first Millennium Committee to Save America's Treasures.

It is a pleasure to have had you aboard, Senator Clinton!

—Gregg Swanzey, Executive Director



Senator Clinton photos by Chris Bowser.

Yes, I care about the Hudson River and its watershed!

To join online, go to: www.clearwater.org.

- | | |
|---|--|
| <input type="checkbox"/> \$5,000 Benefactor | <input type="checkbox"/> \$100 Contributor |
| <input type="checkbox"/> \$1,000 Sailing Master | <input type="checkbox"/> \$55 Family |
| <input type="checkbox"/> \$500 Mariner | <input type="checkbox"/> \$40 Individual |
| <input type="checkbox"/> \$200 Sponsor | <input type="checkbox"/> \$20 Limited Income |

Payment All membership contributions are tax-deductible.

Check payable to Clearwater Check Number _____

Credit Card (circle): MC Visa Disc Amex

CC# _____ Exp Date _____

Signature _____

Clearwater Member Information

Name _____

Street _____

City _____ State _____ Zip _____

Daytime Phone _____

Email _____

Yes, I'd like to receive advocacy email alerts.



We'll Miss You, Cappie!

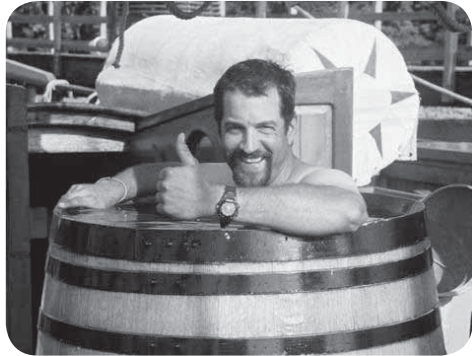
There are changes afoot this fall on the big sloop.

After three years with Clearwater, Captain Scott Cann will be leaving at the end of the sailing season. Like our many bi-coastal Clearwaterites, he will be returning to the coast where the sun sets over the ocean rather than rises. Scott's cheerful optimism has brightened life aboard the sloop as well as in the office, and buoyed spirits through the winters.

Scott's background in environmental education gave him a special link to the students he sailed with. He could be seen at the tiller giving instructions to steer and then asking the kids the kind of questions that trained teachers recognize and appreciate.



Captain Scott Cann with Senator Clinton.



Captain Scott Cann, chillin' in the brine barrel.

During Scott's tenure, a Clearwater documentary was filmed. Scott spent many hours with the production team and it is due to his diligence and good nature that the final product came out as well as it did. He articulated on camera the things we all deeply feel about our unique organization.

Scott brought love, humor and good seamanship to Clearwater, and he will be sorely missed (though we will get to eat considerably more bananas). I see much more saltwater passing beneath Scott's future.

—Patrick Flynn, Captain

Clearwater Board Updates:

Sincere thanks to Bob Elliott and Adam Green who are departing from our board. Emma Missouri and Rene VanSchaack were appointed to fill vacancies. Congratulations to Jay Beaumont and Steve Densmore – voted in along with the other incumbent Board members who were reupped.

