



NEMO Newsletter

Quarterly Newsletter of the North East Map Organization

Number 39

Annual Meeting Issue

July 2000

From the Bridge

NEMO met at the University of Southern Maine in Portland for its annual meeting. From our meeting site on the campus it was a five-minute walk to the **Osher Map Library**. This map collection can be described as a very interesting approach to University Map collections.

This important collection has the support of the local community and Yolanda Theunissen heads the excellent staff. One of the missions is reaching “the person on the street” with its educational component being the **Smith Teaching Collection** where the teaching of cartography and history is achieved. Also be facility is attractive with nice exhibits and security. Our NEMO tour and after dinner reception was one of the highlights of our meeting.

We welcomed new members that joined us in Portland: **Lucinda Hall**, Dartmouth; **Zip Kellogg**, U.S.M.; **Lynn Bjorklund**, USGS; **Paul Schroeder**, U.S.M.; and **Scott McEathron**, U. Conn.

During our business meeting **Jim Walsh** became Captain-elect, **Nancy Kandoian** returns as Secretary, and **Heather Hoffman** as Treasurer (Congratulations).

For 2001, **Mt. Holyoke College** was suggested as a meeting site. Nancy Kandoian is finding out if this will work for next June. For future meetings we discussed **University of Vermont**, and **Rhode Island**. David Cobb suggested we try to jointly meet with the **Association of Canadian Map Librarians** for the Vermont meeting.

Another achievement of our Map organization is the placement of our history into the University of Connecticut archives. Thanks to **Pat McGlamery**. **Erno** is passing on our short history to this archive.

Finally, for those of you who have not seen our NEMO Web site, take a look at:

<http://ublib.buffalo.edu/libraries/units/sel/collections/maps/nemo.html>

Have a great summer!

Captain Ernie Woodson
University at Buffalo Libraries

NEMO Web Site Wins Honors!

In July 2000, the NEMO Web site received a **Links2Go Key Resource Award** in the category of Map Libraries. I recently received this notice from Links2Go’s Awards Committee:



“Each quarter, Links2Go samples millions of web pages to determine which pages are most heavily cited by web pages authors, such as yourself. The most popular pages are downloaded and automatically categorized by topic. At most 50 of the pages related to a topic are selected as “Key Resources.” Out of **33** pages selected as Key Resources for the Map Libraries topic, your page ranked **14th**.”

“The *Links2Go Key Resource award* differs from other awards in two important ways. First, it is objective. Most awards rely on hand selection by one or more “experts,” many of whom have only looked at tens or hundreds of thousands of pages in bestowing their awards. Selection for these awards means no more than that one person, somewhere, noticed your page and liked it enough to

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“One does not discover new lands without consenting to lose sight of the shore for a very long time.”—André Gide

Reports and Comments on the 14th Annual NEMO Meeting, Portland, Maine June 1-2, 2000

Minutes of the Annual Business Meeting

Captain Paige Andrew called the annual business meeting of NEMO to order at approximately 8:40 a.m. on Friday, June 2, 2000. Approximately 28 members were present.

Treasurer Heather Hoffman reported that NEMO has approximately \$2950 in its bank account. With outstanding bills to be paid and checks for meeting registration to deposit, the balance after the meeting will be in the range of \$2800-\$2900. Because of few transactions during the year, Heather will move NEMO funds from a NOW account to a higher yielding money market account.

Captain Paige applauded newsletter editor David Bertuca for getting NEMO's Web site up and running. David reported on the site and the newsletter, and solicited contributions for each. Erno Bonebakker brought to David's attention that this past spring issue of the newsletter was the 10th anniversary issue, and so David will recognize and celebrate this fact in the next issue. The deadline for this next issue, including the meeting reports, will be the end of June. Captain Paige suggested that contact information (e-mail addresses and phone numbers) be added to the list of officers that appears in each newsletter issue.

There was some discussion of the map project to create a map for Amtrak's northeast corridor route that we had hoped to initiate as a NEMO service project over the past year. Discussion indicated that the members still consider this a worthwhile idea. Various suggestions were made for proceeding. Paige Gibbs suggested contacting Congress persons who serve on the transportation committee to garner support and suggestions for entrée to Amtrak. Patrick McGlamery suggested that the map design part of the project would be an opportunity for university cartography students. Gene Moser suggested the submission of samples of transit maps from local areas for design ideas or a competition. Captain Paige, with apologies for not moving the project along over the past months, transferred the reins to Captain-elect Ernie Woodson, to pull the effort together by finding someone to coordinate it, and to communicate with Alice Hudson about her self-constructed Amtrak route map, which was an inspiration for the idea. Without a firm commitment to the project at this point, but with a view to first determining its feasibility, we agreed that NEMO should also still entertain suggestions for other possible projects.

Captain Paige opened the floor for nominations for

secretary and captain-elect. With no new nominations forthcoming, Nancy Kandoian indicated her willingness to run for a second 2-year term as secretary, and Jim Walsh indicated his willingness to run for captain-elect. Each was elected unanimously.

Discussion followed on sites for the next annual meeting. It was decided that Nancy would work on Mount Holyoke College in western Massachusetts as the site for 2001, with Patrick offering University of Connecticut as an alternate site if Mount Holyoke does not work out. Jim Walsh and Paige Gibbs will explore locations in Rhode Island for 2002, and David Cobb will look into University of Vermont for 2003. David also suggested the possibility of a joint meeting with the Association of Canadian Map Libraries and Archives in Burlington, Vt. Captain Paige suggested continuous planning ahead by committees so that our meeting sites are decided a few years in advance. Other sites presented for consideration were Nantucket, suggested by Stephen Ford, and Colgate University in upstate New York, by Eliza McClennen. Regarding the dates for 2001, Nancy mentioned that possibilities would be Thursday and Friday, May 31 and June 1, as well as June 7 and 8. The latter seemed to be preferred by the group, but no one knew of specific conflicts for either time.

Captain Paige solicited a volunteer to take on the NEMO archives, as Erno brought his accumulated files. Jim and Dick Gelpke mentioned also having NEMO files to contribute. Patrick volunteered to see if the University of Connecticut archives would take the material, as NEMO began its existence there. (Patrick subsequently informed members via e-mail that he has deposited the NEMO archives at UConn and that more papers to be archived can be sent to him there.)

Dick moved that the meeting be adjourned. Siegfried Feller seconded the motion. Paige Andrew adjourned the meeting at 9:15 a.m.

Nancy A. Kandoian

Secretary

6/23/00

Current Officers (2000-2001)

Captain	Ernie Woodson	sfewoods@acsu.buffalo.edu
Captain-Elect	Jim Walsh	jim.walsh@lexis-nexis.com
Secretary	Nancy Kandoian	nkandoian@nypl.org
Treasurer	Heather Hoffman	jaquith@thecia.net

GIS Environmental Tools

John Ossie

Director of the Delorme GIS Department and
Manager of the Delorme Mapping Data Library

Summary by Melissa Lamont

John began his presentation with a review of his previous work in environmental investigation. This work usually involves pollution and John recalled investigations of military base sites as examples. Military work often requires the use of chemicals for both building and testing weapons. Environmental sites involve the analysis of single points on or under the ground rather than the broad polygons or line networks often associated with GIS. Further, most environmental investigations involve X, Y and Z dimensions, because most contamination does not remain stable and moves along the surface and subsurface. The investigators rely on a suite of software including CAD, Global positioning systems (GPS) and geographic information systems (GIS) to acquire and then store and analyze data about a site.

During this part of his talk, John noted several aspects of environmental investigation such as: site characterization, the classification of the potential hazards and their locations; plume and spatial analysis including groundwater modeling, particle tracking and fracture analysis, to track contaminants moving with water. Additional aspects include: data visualization, to represent the data graphically for decision makers. As John noted: "GIS allows interactive analysis of chemical and physical data by those who need to make decisions." Still, GIS requires a remarkable amount of human intervention including people familiar with the site.

In his position at Delorme John has led efforts to add more analytical tools to their current GIS systems. Delorme has filled a niche by providing a usable, out-of-the-box product to consumers and now hopes to attract a professional market. Delorme's *3-D TopoQuad* product delivers data in three dimensions and includes some analytical capabilities. XMap, another inexpensive mapping solution allows the user to input and geocode data. In addition, Delorme is looking at obtaining and adding value to data packages including the use of remote sensing to update street level TIGER data and topographic quadrangles. Another product, combining layers of Digital Raster Graphics and Digital Orthophoto Quadrangles in a movable window is now under development. Delorme's business model, one that will appeal to budget conscious libraries, is to sell quantities of affordable, usable software and data solutions rather than a single, expensive and difficult to use product.

Note: Any mistakes in this synopsis are mine. John has left Delorme and was unavailable to comment on the accuracy.--ML

Mapping Boston

David Cobb

Summary by Jim Walsh

How do you report on visual presentation that provided a cartographic view of Boston from the 1600's to present day? I still don't have an answer to that question, but it is time to write a summary of David Cobb's presentation, "Mapping Boston."

David's talk was based on the book, *Mapping Boston*, which he co-edited with Alex Krieger. The book was published last year. For those of you who have not yet seen this book, you are missing a great cartographic reference work and a wonderfully interesting and informative book on Boston. The citation for the book is: *Mapping Boston*. Edited by Alex Krieger and David Cobb with Amy Turner. Cambridge, MA: MIT Press/Muriel G. and Norman B. Leventhal Foundation, 1999.

David's talk focused on the maps that were not included in the above-mentioned book. The maps that we saw presented a cartographic view of the city of Boston and how its boundaries and shape changed over the years. However, they also provided a social, political, economic, and historical picture of the city over approximately 350 years. We see how the population grew and stabilized; the annexation of Roxbury, Dorchester, Charlestown, etc. are depicted over time; the "planned developments" for the reclaimed Back Bay are displayed; and the historical buildings and landmarks (many of which are now just a memory) add to the information value of the maps.

In forty-five minutes we saw Boston grow from its original topography of the 1600's to its present day recognizable shape. David provided us with an informative and entertaining presentation of the mapping of Boston.

NEMO 2001 - A Map Odyssey

Plans are well underway for NEMO 2001. Nancy Kandoian has contacted Mt. Holyoke College and things are looking good, with just a few minor details to work out. We hope to have the dates and place finalized by the next newsletter.

In the meantime, if you have suggestions for topics or speakers, field trips, etc., please let me know. Any idea or suggestion is welcome--the planning committee will pursue all leads. I know from past experience, our conferences and programs are successful because just about everyone gets involved. Contact me at: Jim Walsh, 161 Boutelle St., Fitchburg, MA 01420; 978-345-4061; jim.walsh@lexis-nexis.com. Thank you in advance for your suggestions.

I look forward to seeing everyone in 2001!--Jim Walsh

Slide Presentation by Dr. Harold Osher

Summary by Claire T. Loran

Dr. Harold Osher, who along with his wife Peggy is a major donor to as well as enthusiastic supporter of the Osher Map Library and Smith Center for Cartographic Education at the University of Southern Maine, presented a slide lecture revealing his history as a map collector and the treasures of the USM collection. Characterizing “map treasures” as being of various sorts, Dr. Osher first introduced “classic treasures” such as the John Foster’s *Map of New England...* and a portolan chart. “Pocket treasures” include portable, small atlases and traveler’s guides such as *Carey’s American Pocket Atlas*.

The “undiscovered treasures” category was represented by delightful examples of specialized and public geographies such as Sanborn fire insurance and municipal maps, as well as school geographies. “Manuscript treasures” shown included Emily Hill’s folk art map of the United States, featuring a lovely hand-painted cartouche.

This capsule presentation of USM’s map treasures was followed by a lively question-and-answer session during which Dr. Osher’s love of using maps as a teaching tool, including his belief in outreach to school children, became evident. Dr. Osher noted the need to be opportunistic while collecting, but suggested that he anticipates future acquisitions in the areas of Northeast coastal maps, the Great Lakes, oil company war maps, world views, wall maps and globes in order that the collection will continue to support a wide variety of teaching needs. Readers who would like to view some of the objects shown can visit the online display of *Worldly Treasures: A Fifth Anniversary Celebration* on the Osher Map Library’s web site at: <http://www.usm.maine.edu/maps/exhibit7/>

Francis Barrallier:

A Life Larger Than Cartography

Harry Stewart, Clark University, Worcester,
Massachusetts

Summary by Richard Gelpke

Dr. Harry Stewart presented the opening talk to the 2000 NEMO conference in Portland, Maine. He introduced this by indicating that not all research projects develop in an “ordered and logical way – an outgrowth of patient and intensive research” on a topic.

Indeed in this case it was quite accidental – Dr. Stewart’s wife wanted to go to a warm place as an escape from Clark’s Worcester, Massachusetts, campus in winter – and where else? Warm tropical islands beckoned – Barbados, which happened to be Clark’s winter of retreat! Or was it the other way around?

Dr. Stewart then followed the worldwide peregrinations of William Mayo who went to the British colony of Barbados from Wiltshire, England in the 1680s. He surveyed and produced a map of Barbados with an exquisite cartouche. Since he also was a good promoter he made enough money to get to Virginia where he laid out the City of Richmond and became the chief surveyor for the Virginia – North Carolina boundary line. Mayo’s map was so good it lasted for a century as the definitive map of the island.

Francis Barrallier was born in Toulon in the south of France in 1773. His peripatetic life included traveling from Toulon to Elba to Naples to the west of England to Australia where he lived from 1800 to 1803. He accomplished a good deal of surveying and mapping in the Blue Mountains west of Sydney. He then spent the next 15 years in various islands of the West Indies; he was active in Barbados from 1812 to 1817.

Of course by this time, well over a century after Mayo, Barrallier had much more accurate surveying instruments and produced a more detailed map of the island. His English background came through however and he was instrumental in having Lord Nelson’s statue erected in Bridgeton, the capital of Barbados in what is now the National Hero’s Square. Subsequently he returned to London where he died in Bedford Square in the East and in 1853.

Such is the unusual background of those who “did the mapping in the old days!”

Meeting Attendees

David Allen	Mark Jaquith
Paige Andrew	Nancy Kandoian
Lynn Bjorklund	Zip Kellog
Erno Bonebakker	Melissa Lamont
David Bertuca	Claire Loran
Mary Butler	McClennon
David Cobb	Scott McEathron
Siegfried Feller	Pat McGlamery
Stephen Ford	Gene Moser
Joseph Garver	Dennis O’Brien
Richard Gelpke	Harold Osher
Paige Gibbs	Barbara Seekins
Lucinda Hall	Nancy Soderberg
Herb Heidt	Harry Stewart
Gunny Hopcroft	Jim Walsh
Heather Hoffman	Ernie Woodson

Reflections of Portland, Maine and Being Captain NEMO

I guess the title above acts as a nice box for the two things I've been thinking about since returning from Portland (via NH and Vermont) and this year's Annual Meeting. For those of you who did not or could not attend we had a great turnout and FANTASTIC set of programs and activities. Portland, and especially the Osher Library and its staff, along with Dr. Harold Osher, were wonderful hosts and kept things running very smoothly. Of course, on the last day when we toured the Osher Map Library there were so many rare treasures set out for the attendees to explore. We listened to presentations from Yolanda and other staff members about the Library, its collections, and its missions, and concluded with Dr. Osher telling us about specific rare maps, their histories and how he came to acquire them.

Many thoughts of the Meeting come flooding back to me as I write this; staying in a dorm room for the first time since I was a freshman in college! (and where I met my future wife); the eclectic mix of the city and its surroundings and inhabitants; kibitzing and catching up with all of my NEMO friends; bits and pieces of several of the presentations; worrying about everything going well; having to be in front of and speaking to groups of people (not fun for me!), and then that big relief when it was all over with and Ernie becoming Captain NEMO! I'm sure Ernie will fill in more of the gaps elsewhere in the newsletter, and the minutes to the Business Meeting will catch everyone up with topics of discussion, decisions made, and who our new officers are!

Let me conclude this piece by telling all of you that it was an honor and a pleasure serving as the leader of this small but very fun and active group during 1999 and 2000! I truly wish my circumstances at work had not had such a negative effect on the Map Project, but as of this moment I am no longer a Department Head (Yippee!), which is what took up so much of my time and energies the second half of my tenure as Captain NEMO. I would like to have done more for NEMO, but feel I did the best I could under the circumstances. May I ask that others consider stepping up and serving for Ernie Woodson in a number of ways so that his year is more fruitful than mine. I sure look forward to next year's meeting, hopefully at Mt. Holyoke College, but wherever it may be mostly to seeing and learning with all of my friends in NEMO!

Sincerely,

Paige Andrew
Captain NEMO (Ret.)

Carto Clips

Maps That Move

Maps that actually show the progression of time are possible using computers. This opens up a world of possibilities. Two examples demonstrate the way that animation provides a graphic view of specific concepts.

The first map shows Alexander the Great's route of conquest. The URL is:

<http://www.ac.wvu.edu/~stephan/Animation/alexander.html>

Another example shows the formation of California missions, providing a chronological depiction of the establishment of missions by Father Junipero Serra. The URL is:

<http://www.ac.wvu.edu/~stephan/anthony/missions.html>

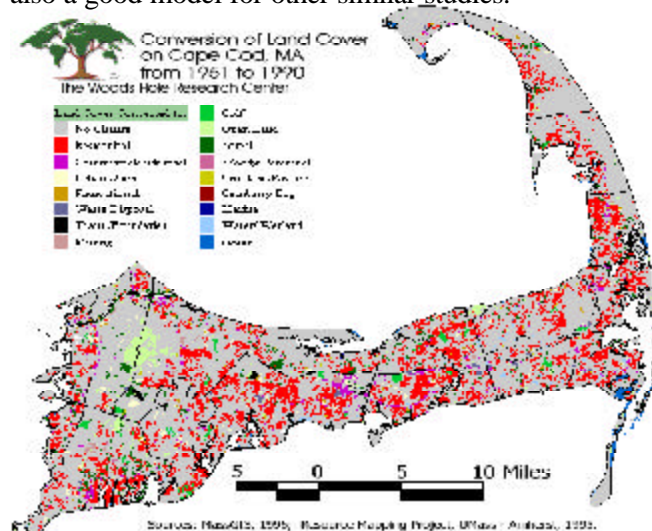
--Submitted by David Bertuca

Losing Cape Cod, Land use changes over 40 years

The Woods Hole Research Center has free folded maps titled "Losing Cape Cod, Land use changes over 40 years". The maps and data as well as additional information on Cape Cod's protected lands and critical habitats are available through their World Wide Web site in the *Electronic Atlas of the Cape Cod Environment* that's at <http://www.whrc.org/ccatlas/ccatlas.htm>.--Submitted by Barbara Seekins.

Electronic Atlas of the Cape Cod Environment

After reading Barbara's submission, I went to the Web site and learned more about the *Electronic Atlas*.... It is a clear and easy to understand set of maps and text, and is also a good model for other similar studies.

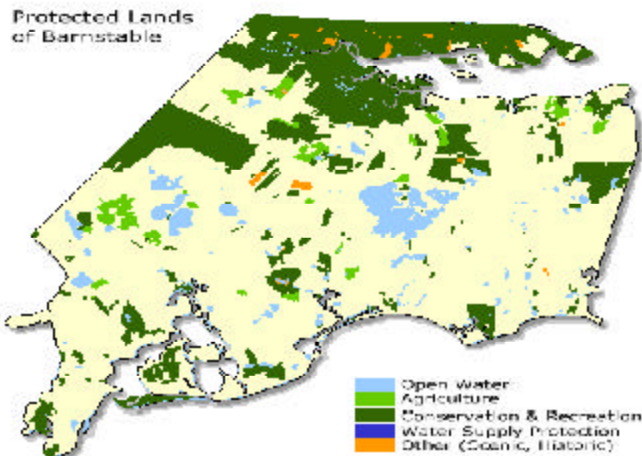


The *Electronic Atlas of the Cape Cod Environment* contains a collection of maps, imagery and photos, and text, illustrating some important characteristics of the Cape Cod environment. Included are descriptions of some of the problems of this unique piece of land--land created thousands of years ago by glaciers, and continuously

sculpted since then by the sea, the wind, and now by human influence. Initially the atlas focuses on three areas of immediate concern: 1. Current Land Use and Land Cover; 2. Critical Habitats; and 3. Protected Lands. Over the course of time, the producers hope to expand the atlas to include other topics, including: The Massachusetts Military Reservation (MMR) Superfund Site, Shoreline Changes due to Natural Processes (erosion and storms), Bay and Estuary Water Quality, Agricultural, Lands and Bogs, and the Cape Cod National Seashore.

Cape Cod includes 15 towns covering about 400 sq. miles. By 1990, only about half of the land cover of the Cape was forested, woody, or open. Population growth rates on Cape Cod remain very high, with the population doubling over the last 25 years from about 100,000 to over 200,000 year-round residents. In the summer, the population is about triple the winter population. Barnstable County's (excluding the islands of Nantucket and Martha's Vineyard) growth rate is among the highest in the nation. This growth has put increasing pressure on the environment--particularly on water resources. Water resources are imperiled by local problems (septic systems and leaching fields) and by problems with a regional scope, specifically the enormous EPA Superfund site at the Mass. Military Reservation (documented from a different perspective by the Camp Edwards Environmental Protection Office). Increases in population and land use intensity have combined with a history of carelessness in the use and disposal of toxic compounds to put the land and the water--coastal, fresh and ground water--at high risk.

The *Electronic Atlas of the Cape Cod Environment* project was funded by The Community Foundation of Cape Cod, the Sweet Water Trust, WHOI Sea Grant, and



the Dolphin Trust.

A page of links leads to other web sites on environmental research. Included are links to other organizations with conservation goals, to some of the funders, to a few excellent link directories, and some links that describe the local community. This page is accessed at: <http://www.whrc.org/links/links.htm>

The Web provides studies. Also included are pages with educational materials for teachers and students, bibliographies and additional links to materials.

site is definitely worth seeing, and ideas for others preparing similar included are pages with educational materials for teachers and students, bibliographies and additional

The distinctive arm of Cape Cod is graphically represented at the Electronic Atlas Web site.

Position Announcement Geographic Data Manager / Librarian

FROM: The Nature Conservancy's Mid-Atlantic Division, GIS Data Librarian

SUPERVISORS: GIS Manager, The Nature Conservancy, North Carolina Chapter/Assistant Professor of the Practice of Landscape Ecology, Duke University

LOCATION: Landscape Ecology Lab, Duke University, Durham, NC

PREPARED BY: Margaret Fields, GIS Manager, NC Chapter Pat Halpin, Nicholas School of the Environment, Duke University

DATE PREPARED: July 10, 2000

APPLICATION DEADLINE: September 1, 2000

SUMMARY OF POSITION

The Nature Conservancy in collaboration with The Nicholas School of the Environment, Duke University is seeking a Geographic Data Manager / Librarian to construct and maintain an Internet based GIS data library for the Mid-Atlantic Division. The goal of this position is to better facilitate collaboration between academic researchers and conservation practitioners in the division and at the TNC Southern Resource Office. The GIS Data Librarian will be responsible for database maintenance and metadata development. As data development and training goals are achieved, development of innovative projects will be incorporated into the data librarian's role. This will be a Duke University research position working

on a Nature Conservancy collaborative program located at the Nicholas School of the Environment, Duke University.

DUTIES

1. Develop an Internet data server to provide GIS data transfer capabilities between the university based data library and field and regional offices;
2. Assist in the delivery of technical support and the development of online help pages, scripts and software extensions to assist users in common GIS operations and custom conservation applications;
3. Assist in the development of user training workshops to promote access and usage of the database;
4. Respond to specific requests of GIS users in various offices within the four state division providing data and technical support as needed;
5. Process data from a variety of sources for use on the divisional data server;
6. Participate in research projects at Nicholas School of the Environment as they pertain to TNC studies across the division.

REQUIREMENTS

The successful applicant will have:

1. Demonstrated skills in GIS (ArcInfo, ArcView, Arc-IMS, AML) image analysis (ERDAS Imagine), and GIS database design (INFO, MS-Access);
2. Demonstrated skills in web site development (HTML, Perl-CGI, JavaScript);
3. Familiarity operating GIS systems using both Windows-NT and UNIX environments;
4. A bachelors degree (master's preferred) and at least two years experience in GIS data development and analysis;
5. Ability to coordinate and prioritize a wide range of projects from many offices;
6. Excellent communication skills.

CONTACT

(All forms of inquiry are welcome, but final applications are not accepted by fax, telephone, or e-mail.) Margaret Fields, GIS Manager Pat Halpin The Nature Conservancy, Assistant Professor of the Practice of North Carolina Chapter Landscape Ecology One University Place, Suite 290 Duke University 4705 University Drive Nicholas School of the Environment Durham, NC 27707 P.O. Box 90328, Durham, NC 27708-0328 919-403-8558 919-613-8062 919-403-0379 (fax) 919-684-8741 (fax) mfields@tnc.org phalpin@duke.edu Please send a resume and cover letter to both addresses listed. The Nature Conservancy And Duke University Are Equal Opportunity Employers.

The Next Ten Years

This issue begins the second decade of the *NEMO Newsletter*. Thanks to Erno Bonebakker for mentioning this, as I would have never thought of it. NEMO is older than the newsletter, hence the connection might not have been made. I am honored to be in the right place to be editing this issue, and that I am able to begin its second decade (as well as to be on hand to publish the Millennium issue in January 2001). Ten years of continuous publication is something to be proud of and it speaks highly of the organization. Considering the regional makeup of NEMO, it is impressive to see us being recognized by map and geography people in other parts of the United States, as well as by people from other countries.

A newsletter is many things. It is a device for distributing news and announcements of an organization, as well as for recording proceedings and transactions of business, and to provide a general history of the group. Newsletters allow members to express opinions and thoughts for the benefit of others. Articles can offer timely ideas and tips of interest. Most important, newsletters often provide a device, by which the organization can be judged. An organization's health, status, membership, and other facets can be evaluated by reading submissions.

However, there is also another side to newsletter publication. A newsletter is stronger if it has a diversity of materials, from a variety of sources. Authors make the difference between a good publication and one of lesser quality. A good newsletter is a forum for discussing various trends in the field, or for airing opinions and thoughts. It is a great place to announce activities and to recognize those whose contributions may not otherwise be recognized. And, writing for a newsletter, then seeing your work in print, is a very satisfying experience!

So, consider submitting a short article, an announcement, notice of something new and exciting, or even something older that is worth mentioning. If not now, make it your resolution when the 21st Century dawns. Have the joy of being in print, of being read, and of expressing your thoughts and imagination. Even the smallest note, like the tossing of a pebble into a pool of still water, makes a ripple, that once set into motion, continues to expand, and to reverberate forever.

David Bertuca, Editor

Did You Renew?

If you did not attend the annual meeting, be sure to renew your membership (if you have not done so already). Don't miss out on anything by renewing today!

NEMO Web Site Wins... Continued from page 1

select it. The Key Resource award, on the other hand, is based on an analysis of millions of web pages. Any group or organization who conducts a similar analysis will arrive at similar conclusions. When Links2Go says your page is a Key Resource, we mean that your page is one of the most relevant pages related to a particular topic on the web today, using an objective statistical measure applied to an extremely large data set.

Second, the Key Resource award is exclusive. We get literally hundreds of people requesting that their page be added to one or more topics per week. All of these requests are denied. The only way to get listed as a Key Resource is to achieve enough popularity for our analysis to select your pages automatically. We do not accept fees, offers of link exchanges, free advertising, or bartered livestock as inducements to add new sites to our lists. Fewer than one page in one thousand will ever be selected as a Key Resource."

Note to NEMO Members: If you have a page or web site up, please contact me with a URL and a brief note about the site. I want to add to the members section on the web site and it will speed up the process if you send me something. Thank you.

Visit the NEMO Web site:

<http://ublib.buffalo.edu/libraries/units/sel/collections/maps/nemo.html>

Visit the Links2Go Web site for Maps:

http://www.links2go.com/topic/Map_Libraries

The NEMO Newsletter

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We invite and welcome contributions and suggestions. Please submit all materials to the editor using e-mail, 3.5" PC or Macintosh disk (in Word, RTF, or ASCII format), or by sending a typewritten document. Newsletter submissions and questions on submissions should be directed to:

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NEMO (North East Map Organization) is a group dedicated to serving as a unifying body for all who use, produce, collect, and market maps and cartographic information in the North-east; increasing communication between all interested in maps; and working with state, regional, and national organizations and government agencies in dissemination of maps and cartographic information. NEMO's principal region is CT, DE, ME, MA, NH, NJ, NY, PA, RI, VT.

Subscriptions are included with membership in NEMO, which is fifteen dollars per year. Back issues for the current year will be included with new memberships.

Membership inquiries should be addressed to:

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web: **<http://www.mapville.com>**

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First Class Mail

Return address requested

