Fall, 1985



Environmental Education Advisory Council A voluntary organization in support of Environmental Education for New York

Dear Members and Friends,

The year 1985-1986 promises to be stimulating and exciting, beginning with our city-wide conference on November 2nd and 3rd, at Murry Bergtraum High School. I look forward, on that weekend, to greeting old friends and new, so that together we can enjoy the program that so many of us have contributed to, and exchange ideas and information. This school year is filled with activities, all of which are listed in our newsletters, present and future. You need only to check the pages to find out date, time and place. You will also find an update on the work our legislative committee is doing.

If you are not yet an EEAC member, or need to renew your membership, please fill out the form on the inside back page of your newsletter.

See you at the conference!

Sincerely, Lac they Spring Membership Meeting Saturday, May 3 NANCY WOLF / EEAC Chairperson Caumsett State Park, L.I. ovemb MONTH_ YEAR SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY Hold this weekend for: "New York: Naturally:" an environmental conference for all Spenser ed by: Environmental Education Advisory Council (eeac) and N.Y.C. Board of Education, Division of Curriculum & Instruction

- TO: Participants, New York State Environmental Education Talent Bank (EE) and Statewide Environmental Education Coalition
- FROM: Nancy Wolf, EEAC Chairperson Michael Zamm, EEAC Legislative Committee

August 27, 1985: to date, 72 environmental educators representing a diversity of subject areas, grade levels, settings, experiences and geographical areas have submitted their resumes for inclusion in the EE Talent Bank being established by the State Education Department. Ed Lalor, Director, Division for Program Development for the Education Department, will circulate the vitas to the various program managers who are arranging for work on curriculum projects of various types in elementary and secondary education. By summer's end, the Department expects to report to us which educators have been selected by the Department to begin work on infusing environmental concepts into the various subject areas of the State Syllabus and Curriculum. Ed Lalor and staff will also meet with us around that time so that representatives of our coalition can comment on the selections made.

Those selected to begin the infusion process will be notified, hopefully, before the end of September, and at some point soon after that will be sent syllabus and curriculum sections at their home or work addresses with instructions on the work to be done. We in the statewide coalition will help to coordinate the process. Thus, the effort will be ongoing throught this coming school year and probably beyond. Those who are not asked to participate initially may be asked later on as different subject areas come up for review. Ed Lalor and his staff, in cooperation with our coalition, will determine how the environmental objectives which we submitted to the Department as an initial basis for EE inclusion in the syllabus and curriculum, will be utilized in the infusion process.

We appreciate the participation of all concerned, and thanks to those who submitted resumes.

Nar Wolf

MIKE ZAMM

ENVIRONMENTAL EDUCATION ADVISORY COUNCIL (EEAC)

This newsletter is a publication of the Environmental Education Advisory Council (EEAC), a city-wide voluntary organization of educators, classroom teachers, administrators and other professionals in active support of environmental education. The newsletter is published quarterly and available free upon request.

EEAC Officers Nancy Wolf, Chairperson (212) 677-1601 Ruth Eilenberg, Vice-Chairperson

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New York's first city-wide environmental education conference in four years, <u>New York: Naturally</u>!, takes place on Saturday, November 2, at downtown Manhattan's Murry Bergtraum High School. The all day conference is a project of the Environmental Education Advisory Council of New York (EEAC) together with the Board of Education's Division of Curriculum and Instruction, and will attract hundreds of teachers, environmental educators and environmentalists. They will participate in workshops and presentations on the state of the New York environment and state-of-the-art practices for teaching about it.

A unique aspect of <u>New York: Naturally</u>! is that on Sunday, November 3, environmental facilities all over the city will open their doors to conference participants for on-site programs. Guided tours, hands-on workshops, and meet-the-staff sessions will extend the themes of the previous day.

Nancy Wolf, EEAC Chairperson, said about the conference, "as the environmental movement matures and we realize how complex the New York environment is, it becomes more difficult to stay abreast of developments and more important to teach about it well. <u>New York: Naturally</u>! will offer a menu bursting with ideas, issues and practices, with over 35 different workshops, panels and talks presented by experts in these fields." Some of the scheduled sessions are: Acid Rain--In Your Backyard; Issues in the Marine Environment; Care and Use of the Urban Forest; Teaching About Urban Birds; Not in My Neighborhood--Finding Suitable Sites for Garbage and Other Yukky Stuff; Thinking About/Teaching About New York's Drought; and, Urban Design and the Image of the City. The keynote address will be by DR. EUGENE EZERSKY, former director of New York City programs for Cornell University Cooperative Extension.

Participants may pre-register by mail, postmarked before October 25, to:

Joseph M. Varon, Registrar EEAC Registrar 81-18 250th Street Bellerose, N.Y. 11426

Conference registration fees for pre-registrants are \$5.00 for EEAC members, \$10.00 for non-members and \$15.00 for combination registration and EEAC membership. At-the-door registration on November 2nd is \$10.00, \$15.00 and \$20.00 in the same categories. Checks should be made payable to EEAC. Coffee break refreshment is included in the registration cost, compliments of Con Edison; buffet lunch will be served at an additional cost.

The site for <u>New York: Naturally</u>! is the conveniently located Murry Bergtraum High School, at 411 Pearl Street; it is in the City Hall area, just north of the Brooklyn Bridge and opposite Police Plaza. Nearly every subway line stops nearby and a municipal parking garage is located nearby.

For further information about <u>New York: Naturally</u>! call Joseph Varon at (212) 369-8800, extension 222, Monday through Friday, 8 am - 3 pm.

A REFERENCE GUIDE FOR ENVIRONMENTAL STUDIES IN THE NEW YORK METROPOLITAN AREA

Many people have contacted EEAC requesting information about programs of study in EE in the New York metropolitan area. Unfortunately, there are very few. St. John's University in Jamaica, NY, is initiating an undergraduate minor this year. Queens College has an excellent master's program that is several years old. Brooklyn College offers a combined Science and EE master's degree. City College and Fordham University provide individual courses. Beyond that, there are numerous programs in a variety of Environmental Studies, some with the potential to create your own interdisciplinary majors.

The list which follows includes both EE and the diverse Environmental Studies programs that are available in New York City. The degrees may be decoded accordingly: A=Associate; B=Bachelor's; M=Master's; D=Doctorate. If anyone is aware of innacuracies that should be corrected or additions that can be made, please inform Kim Estes, EEAC Newsletter Editor, at Alley Pond Environmental Center, 228-06 Northern Boulevard, Douglaston, NY 11363. The winter issue of the EEAC newsletter will include schools and programs in New Jersey and Connecticut. We will make this reference guide an ongoing and updated service of EEAC.

Special thanks to ROSEMARIE PACE for compiling this extensive list.

SCHOOLS IN NEW YORK	PROGRAMS	DEGREES
Adelphi University Garden City, 11530	Environmental Management Policy	Graduate Certificate
Bard College Annandale-on-Hudson 12504	Environmental Studies Environmental Planning and Design	В
Barnard College New York, 10027	Environmental Science	В
CUNY: Brooklyn College Brooklyn, 11210	Science & EE	М
City College New York, 10031	Energy, Ecology & Environment	В
The Graduate Center New York, 10036	Earth & Environmental Sciences	D
Hunter College New York, 10021	Environmental Health Environmental Policy	B & M B
NYC Community College New York, 10036	Environmental Control Technology	А
Queens College Flushing, 11367	Environmental Education	М
Staten Island Col. Staten Island, 10301	Environmental Science	М
York College Jamaica, 11451	Environmental Health	В

LIU: C.W. Post College Greenvale, 11548	Conservation Environmental	Science	B M		
Southhampton College Southhampton, 11968	Environmental	Science	В		
Manhattan College Riverdale, 10471	Environmental	Engineering	Μ		
Marist College Poughke epsie, 12601	Environmental	Science	В		
New York University New York, 10003	Environmental	Health	M & D		
Pace University Pleasantville, 10570	Environmental	Studies	Non-Degree		
Polytechnic Institute Brooklyn, 11201 Farmingdale, 11735	Environmental Environmental		M M		
Pratt Institute Brooklyn, 11205	Environmental	Science	В		
St. John's Univ. Jamaica, 11439	Environmental (EE minor)	Studies	В		
SUNY: Nassau Community Col. Garden City, 11530	Environmental	Science	A		
Purchase College Purchase, 10577	Environmental	Science	В		
Stony Brook College Stony Brook, 11794	Marine Environ Ecology and E		M D		
Sullivan Co Comm. Col. Loch Sheldrake, 12759	Environmental	Science	A	Ì	
STATEN	ISLAND GREENB	ELT SIMPOSIUM			
Saturday,	Oct. 12	-	30 pm	-	
Sponsored by:					
New York City Dept. of Parks and Recreation Staten Island Greenbelt Stewardship Council					
Protectors of Pine Oak Woods Staten Island Institute of Arts and Sciences					
College of Staten Island					
Sponsored by: New York City Dept. of Parks and Recreation Staten Island Greenbelt Stewardship Council Protectors of Pine Oak Woods Staten Island Institute of Arts and Sciences College of Staten Island The College of Staten Island, Sunnyside Fee: \$12.50 including registration and lunch For Additional Information Call (718) 667-2165					
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For Additional Information Call (718) 667-2165					
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NEWS FROM:

*Alley Pond Environmental Center

HELP WANTED: Education Assistant/Environmental Educator Vacancy: Immediate Duties: Work with pre-K through 6th grade, including some Sundays. Enjoy working with animals in park setting a plus. Salary: Negotiable Contact: APEC, 228-06 Northern Blvd., Douglaston, NY 11363 Participate in these, and other, naturalist-led programs: WETLAND WALKS, every Sunday at 1 PM; BOTANICAL SAFARIS, last Saturday of every month, 10 AM at Woodland Nature Center; ASTRONOMY/STAR GAZING, last Tuesday of every month, rain or shine, 8 PM; 50th ANNIVERSARY CELEBRATION OF ALLEY POND PARK, Sat. Oct. 26, 2-4 PM; BUS TRIP TO AMERICAN INDIAN

Call APEC (718) 229-4000 or write 228-06 Northern Blvd., Douglaston, NY 11363 for a FREE Calendar of Events or, visit Tuesday - Saturday 9-5, Sunday 11-4.

ARCHAEOLOGICAL INSTITUTE, Ct., Thursday, Nov. 14 from 9-5 PM.

* Brooklyn Sloop Club

Get ready for the Annual Pumpkin Sail Festival, Saturday, Oct. 26, from noon - 5 pm at Brooklyn's Fulton Ferry. Booth space is available for any environmental, educational or other groups wishing to participate. Call Mike Mann (718) 941-9835 for information.

* <u>Central Park Conservancy</u>

The Central Park L.I.V.E. (Learning and Involvement for Volunteers in the Environment) Community Outreach needs groups this fall to help clean lakes, paint benches, weed, prune and more... In exchange for your time, Conservancy staff and Urban Park Rangers will provide workshops on tree identification, Central Park restoration plans, lake management and lead walks throughout the Park and Conservatory Gardens. Call Mary Scent (212) 535-7255 for additional information.

* Clay Pit Pond State Park and Preserve

Contact Jim McGowan for a complete listing of weekday and weekend programs. CPPSPP, 83 Nielsen Ave., Staten Island, NY 10309 (718) 967-1976.

* <u>Citizens Committee for New York City</u>

School groups whose beautification projects have long-term benefits for their schools, parks and neighboring communities are eligible for cash grants to be used for equipment and supplies. Call the Citizens Committee at (212) 684-6767 for an application. The deadline for this spring is February 3, 1986.

*Consolidated Edison

The following are your local consumer education resources: BRONX- 310 E. Kingsbridge Road, NY 10458 (212) 960-4603, 4, Tony Pizzarro and Jeffrey Katz BROOKLYN- 30 Flatbush Ave., Room 619A, NY 11217 (718) 802-5076,5 Rochelle-Stein-Salmi MANHATTAN- 4 Irving Place, Room 718, NY 10003 (212) 614-2409, 10 Mable Holmes QUEENS- 118-29 Queens Blvd., Forest Hills, NY 11375 (718) 830-6817,16 Sondi Johnson and Nina Stecker Malin STATEN ISLAND- 60 Bay Street, NY 10301 (718) 390-6369 Wilma Allman WESTCHESTER- 210 Westchester Ave., White Plains, NY 10604 (914) 993-6075 Irene Chernis Central Staff- 4 Irving Place, Room 1625-S, New York, NY 10003 (212)460-6905 Kenneth Kowald, Director, Consumer Education; Loretta DiCamillo, Manager, Field Staff and Special Projects; Nellie Pagan, Manager, Program Development and Training.



* Gateway Environmental Study Center

Contact Ruth Eilenberg for a current listing of programs and events (718) 252-7307

* Greenburgh Nature Center

HELP WANTED: Naturalist/Educator Vacancy: Immediate Duties: Conduct nature programs for school groups, scouts and the public. Salary: Negotiable Experience/Education: Two years teaching, working with live animals, art/ graphic skills, college degree in environmental education/studies. Contact: William Lawyer, Executive Director (914) 723-3470

* <u>New York Botanical Gardens</u>

HELP WANTED: Environmental Educator Vacancy: Immediate Duties: Teach classes in botany, horticulture and ecology for children's program. Part-time. Contact: (212) 220-8736

* New York City Department of Sanitation

The Office of Recycling has entered into a contract with the Environmental Action Coalition to provide services to apartment house managers, supers and tenant organizations that wish to recycle newspapers. For information call EAC (212) 677-1601.

HELP WANTED:

Community Liason for Office of Recycling Vacancy: Immediate Duties: At least two positions are available requiring some recycling experience. One position is for the Curbside Community Recycling Project and the second position is to assist with the design and implementation of new recycling programs. Contact: Send resumes to Office of Recycling, NYC Dept. of Sanitation, 51 Chambers Street, Room 820, New York, NY 10007 (212) 566-0922

*New York City Street Tree Consortium

There will be an expanded series of Citizen Pruner Courses offered in all five boroughs this fall. Registration has already begun, so call the Consortium immediately if you are interested (212) 679-4481. The cost is \$15; completion leads to certification by the NYC Dept. of Parks and Recreation in tree care and pruning.

* New York State Council on the Arts

The Architecture, Planning, and Design (APD) Program of the New York State Council on the Arts will sponsor a series of practical demonstration networking workshops throughout the State this fall. The Council will offer the free sessions on two topics: cultural facility renovation and children's educational programs. Sessions will be conducted largely by sponsors and consultants associated with specially selected model projects funded by the Council's Architecture Program. The two-hour, slide-illustrated New York City workshop will be held on Thursday, November 14 at the Joyce Theater, 175 Eighth Ave. An optional tour to the Staten Island Children's Museum will follow the 11 am to 1 pm workshop on Children's Programs. The Cultural Facility Workshop will be held first, from 9 am to 11 am. Registration is not required. For a brochure and additional information, call (212) 614-2962, or write to Workshop, APD Program, NYS Council on the Arts, 915 Broadway, New York, N.Y. 10010.

* Pocono Environmental Education Center

"The Greatest Show Above the Earth," is PEEC's Nov. 1-3 Hawk Watch Weekend. Take vantage points along the Kittatinny ridge to observe the spectacular migration of hawks and eagles through this area. The natural phenomenom, which occurs each autumn, rewards observers with sightings of Bald and Golden Eagles, Red-Tailed Hawks, Peregrine Falcons, Osprey and other birds of prey. One in-service credit is available for participation. Lodging is in cabins and meals served buffet-style. The workshop cost is \$55. For information call PEEC (717) 828-2319 or write R.D.1, Box 268, Dingmans Ferry, PA 18328. Attendance is limited, so register today.

* Prospect Park Environmental Center



HELP WANTED: Administrative Assistant Vacancy: Immediate Duties: Full-time, Monday through Friday; typing, filing, scheduling, light bookkeeping, telephones. Salary: \$12-14,000 Contact: Diana Miller, PPEC, (713) 788-8500

Participate in these very exciting programs:

GREENWOOD CEMETERY TOUR with guide Sidney Horenstein, of the American Museum of Natural History Saturday, Oct. 12 1:00 PM Meet at the main gates, 25th Street and 5th Ave., Brooklyn. THE GREAT AUTUMN TREES with guide Charles Mazza, of Cornell Cooperative Extension Saturday, Nov. 3 1:00 PM Meet at the Prospect Park Picnic House BROOKLYN'S GOLD COAST with guides John Muir, PPEC Executive Director, and

Evelyn Ortner Saturday, Nov. 16 1:00 PM Meet under the arch at Grand Army Plaza

All walks are \$2.00 for adults and \$1.00 for children. Call PPEC for a free calendar of events and newsletter (718) 788-8500, Monday through Friday, 9 AM - 5 PM. Gallery and Park Shop also open Sat. and Sun. 12 - 5 PM.

*Queens Botanical Gardens

Call for current program listing and newsletter (718) 886-3800.

* University of Rhode Island

HELP WANTED: Field Teacher/Naturalist for Apprenticeship Program Vacancy: Immediate to June 30, 1986 Salary: \$60./week stipend, plus on campus housing, full board and training. Contact: Apprenticeship Program, URI - W. Alton Jones Campus, RR 3 #2, Box 1335L, West Greenwich, RI 02816 (401) 397-3304





This is a perfect activity to do with your group of children or adults this fall. It is a creative variation of basic ammonia prints, resulting in attractive teaching tools. This project was developed by Larry Golub, Special Education teacher, P.S.229, Woodside, Queens.

Materials

Ammonia print paper Small amount of ammonia Small jar-baby food size Large jar-one gallon size Lamp Piece of glass-at least 8" x 10" Flat board Leaves



First set up work area: Suspend the lamp six to ten inches above glass and board. Fill small jar with ammonia and leave open. Invert the large jar over the small jar. Have the ammonia set up near your lamp.

Now you are ready to proceed. Take a sheet of ammonia paper out of the bag. Be sure to close the bag again to prevent light from exposing the paper. Place the sheet, yellow side up, on the board. Arrange your leaf, or leaves, to be printed on the paper. Cover and flatten with the clean piece of glass. Make sure your lamp is centered over the paper. Turn on the light and expose paper for about 30 seconds.

Shut off the light. Remove paper and roll up loosley from one end (not the side). Lift the large jar and place the rolled-up sheet over the small jar. Replace the large jar over the paper and ammonia. Allow to develop for about one minute, until the entire paper is blue and the outline of the leaf is distinct.

NOTE: Certain things will effect the quality and clarity of the print, such as: the hight of the lamp above the paper; length of time paper is exposed to light; length of time paper is in ammonia jar. Experiment to find the best results. Also, if many prints are being made at one time, the ammonia may have to be changed or it will loose its effectiveness. Always keep ammonia print paper in a black plastic bag when not in use.

OCEAN DISCOVERIES POSING QUESTIONS

Exotic deep-sea life forms, creatures once thought to thrive only in scalding sulfur-rich water far below the penetration of sunlight, are now being found in rapidly growing numbers of habitats on the ocean floor, biologists report. Giant tube worms, clams, mussels and other bizarre life forms live in isolated colonies spread over a wide and varying geographical range, posing baffling evolutionary questions. Lately, scientific reports have indicated that these may be the life forms most likely to survive an allout nuclear war, and could be examples of what life might be like on other planets. Exploring one of these ocean-bottom communities can be like a visit to another planet, so alien are its inhabitants from those that are familiar to us. The deep-sea craft ALVIN, belonging to the Navy and operated by the Woods Hole Oceanographic Institute of Massachussetts, has penetrated thousands of feet to the ocean bottom, amidst hot water vents and geysers of scalding water heated by buried deposits of molten rock. These geysers have created forests of barite pinnacles, some sixty feet tall, to which cling clusters of Pompeii worms held rigid by their parchment-like sheaths. The worms seem impervious to the rain of searingly hot metallic particles, and it is only because of the extreme pressure at this great depth that the water does not boil. (Excerpt- NY Times, August 26, 1985)



Volunteers are needed to staff registration tables, help to coordinate displays, work in "Nature Center" and much more. Exhibitors are also welcome. Contact John Kominski (718) 596-6094 or Kim Estes (718) 229-4000 with suggestions. We look forward to hearing from you.

Very special thanks to the ALLEY POND ENVIRONMENTAL CENTER for assisting in the publication of our newsletter and to CONSOLIDATED EDISON for its printing. We thank you for your continued support.

MEMBERSHIP APPLICATION - 198	5 - EEAC
Renewal New Member	
NAME :	
PHONE :	
HOME ADDRESS:	
PHONE :	
EEAC for the calendar year 1 Payment of dues entitles the plus periodic information ma conferences of environmental	vers the cost of membership in the 1985. The member to receive the EEAC Newslette ailings and to attend citywide ducators held by the council. Ind mail with your dues payment to:
12 Greg	l Kirschenbaum ory Road Cield, N.J. 07081
	articles for inclusion in the Fall
228-06 No	

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HELP WANTED		here and mail
then get intouch with EEAC. Return this tearoff to: John Komir Room 414, Name	<pre>Id like to play an important role ucation conference - New York: Naturally! nski, EEAC Program Chairman, Science Unit 131 Livingston Street, Brooklyn NY, 1120 Phone_() EEAC Member? Yes / No</pre>	Environmental Education Advisory
reverse side of this paper or Workshop Presenter Publicit A.V. Presentations Conferen Panelist °Exhi Panel Moderator °Hosp	interested, or add categories. Use the r attach additional sheets as needed. ty nce Logistics: ibits °Computer Services pitality °Graphic Design istration °other	Council
cut here and mail	cut here and mail	NEEDS YOU !

Environmental Education Advisory Council 434 Ave. of Americas Suite 808 New York, N.Y. 10011