

AQUADUCT

The Newsletter of the New Jersey Section AWRA

March 2003

http://www.awra.org/state/new_jersey/index.html

P.O. Box 7814,
West Trenton, NJ 08628

Mission of New Jersey Section of the American Water Resources Association

The Section has a mission to provide a common forum in which to meet, discuss, exchange ideas, and assist all persons concerned with the conservation, development, management, and utilization of fresh and marine waters and related resources together with their environmental aspects. Its mission is also to cooperate with Federal, State and local agencies, educational institutions, foundations, private companies, and with other local sections and chapters of the national organizations concerned with water resources.

President's Message - Raymond Zabihach

The New Jersey Section of the AWRA is pleased to present our latest issue of Aquaduct. This important link with our members and other interested parties was unfortunately long overdue. As an organization, we have continued to host, sponsor and facilitate important local conferences and the annual Mid-Atlantic Conference, in the interim, since the last issue of the Aquaduct appeared. Our goal with future issues will be not only to announce upcoming conferences but most importantly to be a forum for informing our members of the water resource issues and to foster meaningful discussions.

I would like to call your attention to our Member Survey. Please take the time to respond. It will let us, the Executive Board, know what you feel about the organization and your suggestions to improve it. It is our intention to provide a summary of the survey results in our next issue of Aquaduct.

The 2003 Mid-Atlantic Conference will be held in Philadelphia, PA this year on May 1st and 2nd. The conference theme this year is "New Technology in Water Resources." A flyer should be coming out shortly with specifics and registration information. The host for this year's conference is the Philadelphia Section. Hope to see you there.

2003 Section Officers and Employment Affiliation

Raymond Zabihach, President (Morris County Planning Department)

Gregory Westfall, Vice President (USDA Natural Resources Conservation Service)

Paul Scally, Secretary (Delaware River Basin Commission)

Pierre Lacombe, Treasurer (U.S. Geological Survey)

Robert Uhrik, Immediate Past President (South Brunswick Township)

James Lynch, North Director (Union County)

K. Thomas Kellers, Central Director (Monmouth County Planning Board)

Vacant, South Director

Schedule of Section Meetings

(Meetings begin at 12 noon at the Cranbury Inn, Cranbury, NJ)

January 24

February 21

March 28

April 25

June 27

July 25

August 22

September 26

October 24

November 21

December 12

January 23, 2004

Member Survey

During late 2002, the Section officers began discussions on a strategic plan for the future of the Section. In January the officers recommended that there be a survey conducted of members. A group of approximately 20 past and present officers developed the survey. The survey is intended to determine how members feel about their membership, what services they would like and interest in short-term or long-term involvement in Section activities. Your participation in the survey is important and it is hoped that you will take a few minutes to complete it. If you have not received it, please notify Paul Scally, Secretary at pscally@drbc.state.nj.us or 609-883-9500 X 251 or check out the Section website.



New Jersey Section Nominates Michael Cox for AWRA Director

The New Jersey Section has voted unanimously to nominate Michael Cox for consideration as a member of the Board of Directors of the National AWRA. Michael has been active in the AWRA since he became a member of the New Jersey Section in 1989. He has been a member of the section's Executive Committee since 1991 and served as Secretary of the organization in 1996 and 1997 and as President for the years 1998 and 1999. He is employed by Hatch Mott McDonald (formerly Killam Associates), Millburn NJ, as a Senior Associate. He is a graduate Civil Engineer and has 30 years professional experience in river basin and water resources planning and management. He has been involved in a wide range of hydrologic, hydraulic, water and land related projects including watershed-wide water quality investigations, flood control and drainage system improvements, storm water management planning, dam evaluation and rehabilitation, channel stabilization and shore protection, small scale hydro-power, water supply and groundwater resource development, municipal engineering and planning board review and expert testimony in court proceedings. Michael is a registered Professional Engineer and Professional Planner and is also a member of other related professional societies such as the ASCE, ASDSO, NSPE and the National AWRA.

Past Presidents' Meeting - Presentation by Ms. Liz Semple, NJDEP on Anti-Degradation and the NJDEP C-1 Initiative

The annual Past Presidents' Meeting was held on February 21, 2003. Members attending heard an excellent presentation by Ms. Semple on Anti-Degradation and the NJDEP C-1 Initiative. Ms. Semple reviewed the history of Category 1 designations which formerly covered only trout production water and their tributaries, trout maintenance and other high quality surface waters and their tributaries which flow through, or border State and National Parks, Forests, and Fish and Wildlife lands. Category One waters now include those water bodies and their tributaries that are a source of public water supply or are considered to be habitat for threatened and endangered species according to Semple.

As a result of a literature search and experience, a 300-foot buffer has been established as the necessary distance between nearby land uses and the protected waters. No discharge of stormwater will be permitted through the buffer. A map of public identified waters has been sent to the Mayors of all 566 municipalities for local comments. To date, over 300 water body segments have been proposed by the public.

Semple reported that NJDEP will be encouraging "low impact" site design which will encourage more vegetative best management practices and minimizing runoff generating impervious surfaces. Where there are conflicts with the existing Residential Site Improvement Standards (RSIS), the new NJDEP regulations would supersede the RSIS. For further information members should check the following website: www.njstormwater.org

Homack Award Nominations Sought

Members are encouraged to submit resumes for candidates for the Peter Homack Award to William Bauersfeld (wbauers@usgs.gov or fax 609-771-3915) by March 26th. Announcement of the Award winner will be made at the Mid-Atlantic Conference in May. The following are to be construed as minimum criteria for consideration of an individual for the Peter Homack Award:

- The individual shall have performed activities consistent with the general purposes of the award, i.e. "made outstanding contributions toward a multidisciplinary understanding or management of water resources in New Jersey."
- The individual shall have promoted the rational and objective development and utilization of water resources and the maintenance of high quality water resources in New Jersey.
- The individual shall have made a significant contribution to understanding and communication among individuals from diverse disciplines toward the resolution of local or regional water resources problems within New Jersey.
- The individual shall have evidenced a continuing interest and a record of outstanding contributions in the cause of effective water resources management.
- The contributions of the individual should be applicable beyond the scope of the primary emphasis of the individual's activities. For example, for a contribution at a local level, the ideas, activities, or other contributions shall have been recognized or applied beyond the local area or shall be of such a meritorious nature that statewide recognition is appropriate.

Guidelines for the award application are as follows:

- Name, address, and daytime telephone number of the nominee
- Position and affiliation of the nominee
- Membership status of the nominee (NJAWRA and AWRA)
- Education of the nominee, including highest degrees, major fields, institution, and dates
- Areas of specialization of the nominee
- Specific outstanding accomplishments and contributions meriting the award
- Record of relevant experience
- Memberships in societies and organizations directly or indirectly related to water resources management and other pertinent accomplishments
- Other awards and honors received
- Name, affiliation, address, daytime telephone number, and signature of the person(s) submitting the nomination.

Past Homack Awardees

	Name	Affiliation
1987	William Whipple, Jr.	NJDEP Division of Water Resources
1988	William Goldfarb, PhD	Cook College, Rutgers University
1989	Rocco D. Ricci	NJ Water Supply Authority
1990	Hermia Lechner	South Branch Raritan Watershed Association
1991	Donald E. Vaupel	U.S. Geological Survey
1992	Peggy Haskin	NJ Water Supply Authority/ NJ League of Women Voters
1993	David C. Yaeck	Chester County Water Resources Authority

1994	Peggy D. McNeill	NJ State Association of Conservation Districts Mercer County Soil Conservation District
1995	Robert Hordon, PhD, PH	Rutgers University
1996	Dean C. Noll, PE	North Jersey District Water Supply Commission
1997	Ellis S. Vieser	NJ Alliance for Action/ NJ Wastewater Treatment Trust
1998	Gerald M. Hansler	Delaware River Basin Commission
1999	Thomas G. Baxter	NJ Water Supply Authority
2000	Haig F. Kasabach, CPG	NJ Geological Survey
2001	John W. Gaston, Jr., PE, PP	Stony Brook Regional Sewerage Authority
2002	Joseph J. Skupien, PE, PP	Storm Water Management Consulting, PA

2003 Mid-Atlantic AWRA Conference

The 2003 Mid-Atlantic AWRA Conference is scheduled to take place on Thursday, May 1st and Friday, May 2nd. This year's Conference entitled "New Technology and Water Resources" is hosted by the Philadelphia Section and co-sponsored by the New Jersey, New York and Pennsylvania AWRA Sections. The Conference will be held at the Crowne Plaza Hotel in Philadelphia. The list of confirmed speakers includes:

Dr. Wayne Myers - Penn State University - Recipient of the 2002 AWRA Outstanding Paper Award "GIS and Remote Sensing in Landscape Level Analysis of Watersheds and Water Resources"

Dr. Jim McNair - Philadelphia Academy of Natural Sciences - "Neutral Net Based Models"

Dr. Chris Uchrin - Rutgers University - "Modeling Rainfall Induced Stormwater Runoff and Pollution in the Upper Maurice River Basin"

Dr. Robert Traver - Villanova University - "Designing for Infiltration"

Peter Cinotto - U.S.G.S. - "Identification of Potential Sources, Mode of Transport, and Storage Properties of E. coli and Fecal Coliform Bacteria in the West Branch of Brandywine Creek, Chester County, Pennsylvania"

Tim Schaffer - Pennsylvania Environmental Council - "Conestoga Nutrient Trading Program" and "Pennsylvania's New Water Resources Planning Act"

Ramesh Dwivedy - Greeley and Hansen - "Regulatory Advancements in Water Resources"

Laureen Boles - Philadelphia Water Department and Frankford Creek Redevelopment Corp. "Advances in Urban Planning - Revitalizing the Frankford Creek"

Brian Marengo - Philadelphia Water Department - "Real Time Control for CSO's"

Student Sought to Assist Website Development

The Section is seeking a college student who would be willing to update and redevelop our existing website under the leadership of our Webmaster Dr. Kirk Barrett. An application form can be obtained from Paul Scally, PE, Section Secretary (609-883-9500, ext. 251).

Upcoming Events

Mid-Atlantic Conference - New Technology and Water Resources
Crowne Plaza Hotel
Philadelphia, PA
May 1-2, 2003

AWRA International Symposium
Watershed Management for Water Supply Systems
Millennium Hotel New York Broadway
New York, New York
June 29-July 2, 2003

Membership Renewal

The year 2003 membership dues are now being received. Annual dues are \$10. A membership application is available on the Section website and can be returned to the Section mailing address. We hope you will continue to be a part of the Section. Member benefits include the Aquaduct newsletter, reduced registration fees for Section Conferences and other events and the opportunity to network with other water resource professionals.