



## TAMPA BAY ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS

WWW.TBAEP.ORG

### ANALYZING ENVIRONMENTAL JUSTICE IMPACTS

There is an informative paper in the December issue of *Environmental Practice*, and it reports on a study conducted to determine what types of tools are being used, in Draft Environmental Impact Statements (DEISs), to assess environmental justice (EJ) impacts. Some of the initial questions were:

1. What constitutes an EJ community?
2. What is the methodology for making a determination of the potential for disproportionate impact to EJ communities?
3. How have EJ issues been analyzed in environmental impact studies and has the sophistication of the analyses been improved over time?
4. Can GIS systems be used to improve the analysis of EJ impacts?

Most (93%) DEISs conclude that there is no potential impact of proposed projects to minority or low-income populations. Researchers asked the question, what types of methodologies and analyses are being implemented in the DEIS for EJ assessments? Their expectation was that there would be a general improvement in sophistication of the tools over time as DEIS preparers became more familiar with the concept and its assessment.

To answer this question the authors examined all of the DEIS documents since the Executive Order requirement (E.O. 12898) was signed into law on February 11, 1994, up to 2002. The researchers reviewed 2,062 DEISs and approximately 47.9% included EJ analyses (n=994). They found that beginning in 1994 about 8.4% of the documents included some form of EJ analysis., increasing to 65-70% in 1999.

To evaluate the DEISs, the researchers first explain the conceptual and working definitions analysts use, taken from the guidance materials on minority and low-income groups, to identify the EJ communities. They also explain how DEIS preparers are instructed to make determinations of disproportionate impacts. The DEISs were examined methodically and coded for important variables. This comprehensive approach allowed the researchers to code information by preparing agency to determine if there were interagency differences in analyses. This method also allowed them to determine whether there was an accepted practice in EJ analysis emerging over time.

One of the findings from the study was that there was not a significant advancement of the tools for identifying EJ communities over time. They also found that low-income populations were more likely to be identified as potentially affected than minority groups. For a complete article go to [www.naep.org](http://www.naep.org) and select publications. *Environmental Practice* is just one of the benefits of being a member of NAEP.

From *Environmental Practice* (7:235-245) the Journal of the National Association of Environmental Professionals

### TBAEP MARCH MEETING

Please join us at our March meeting to learn about estuarine water quality issues from Bruce French. This meeting is a member-appreciation luncheon where we are providing free lunch to members (\$15 non-members) in recognition of your support of TBAEP. The meeting begins at 11:30 and is located in the EpiCenter at ICOT; 13805 58<sup>th</sup> Street N, Clearwater. You may sign up for membership at the meeting. RSVP by Mar. 10 to: [RCarus@PinellasCounty.org](mailto:RCarus@PinellasCounty.org).

MARCH 2006

### Mark your Calendar!

#### Upcoming Meetings:

- **Mar. 15 - 11:30AM (lunch)**

**Bruce French**

*Active Management of Estuarine Water Quality by Regulation of Residence Time*

**Pinellas County Economic Development**

**Epicenter at ICOT**

- **Apr. 8 - 8:30-12:30 (Sat.)**

**Cross Bayou Coastal Cleanup Community Service Project**

**See attached flyer**

- **May 17**

**TBD**

- **June 21**

**Amanda Ransone/Sierra Club**

**Red Tide & Coastal Pollution**

### NAEP

#### 31<sup>ST</sup> ANNUAL CONFERENCE

Global Perspectives  
on Regional Issues:

The Future for Environmental Professionals in the Next 30 Years  
April 23-26 Albuquerque, NM

Go to: [www.naep.org](http://www.naep.org)



## LOCAL GOVERNMENT ENVIRONMENTAL ASSISTANCE NETWORK

### APWA and IMCA to Host Environmental Management System Webcast

The American Public Works Association (APWA) and the International City/County Management Association (ICMA), in cooperation with the US EPA, will host a 90-minute webcast, "Environmental Management Systems: How to Build and Sustain Senior Management and Employee Support for a Tool that Improves Compliance, Increases Efficiency & Saves Money," on March 28, 2006 at 2PM Eastern. The webcast will: identify how elected officials, city and county managers, public works directors, and employees have been engaged in environmental management system (EMS) implementation; highlight how local governments can keep their focus on continual improvement; and showcase public entities that have successfully implemented EMSs and highlight the benefits that were achieved. For more information, go to: [www.legean.org/html/whatsnew.cfm?id=1017](http://www.legean.org/html/whatsnew.cfm?id=1017)

## New Regional Brownfields Partnership

A new group has formed to meet and collaborate on Brownfields projects and issues in the Tampa Bay region. It's called the **Tampa Bay Brownfields Partnership** and plans to meet three times a year to network and share ideas about recycling land parcels that are idle or abandoned and have environmental issues. Brownfield practitioners that participate in the Partnership come from a variety of backgrounds including: local Brownfield Coordinators, EPA and FDEP representatives, consultants, attorneys, insurance companies, and local and national developers. The goal of the group is to approach redevelopment with creative, collaborative answers to complex situations that often require the participation of professionals from many different disciplines. In other words, put their heads together to brainstorm about unique projects and challenges.

The next meeting will be May 31<sup>st</sup> at 11:30 and will include a networking session, lunch and a legislative update along with local Brownfield program updates. To find out more contact: [THasbrouck@PinellasCounty.org](mailto:THasbrouck@PinellasCounty.org).

## MEMBERSHIP NEWS

Did you know that together we can achieve more? If every TBAEP member introduced the benefits and services of our association to a co-worker, colleague, friend or associate, we would double the resources available to meet the needs of **YOU**, our member. Not only financial resources, but human resources, our most important ones. We'd like to welcome these new and renewing members to our organization:

John Bailey  
George Feher  
Teri Hasbrouck  
Daphne Lambright  
Michael Bair  
Steven Meiggs  
Bal Sukraj  
Donald Richardson  
Rosanne Clementi  
Fred Crabill  
Nicole Cribbs  
Vivienne Handy  
Heather Faessler  
Eric Hovland

## North Carolina Transportation Official Indicted for Clean Water Act, Rivers and Harbor Act Violations

Jerry Gaskill, director of the North Carolina DOT's Ferry Division, was indicted Jan. 18 by a federal grand jury in Raleigh, N.C. on four counts of violating the Clean Water Act, the Rivers and Harbor Act, and of making material false statements that relate directly to the crime.

The indictment alleges that Gaskill and others conspired between at least October 2003 and October 2004 to dredge and fill navigable waters of the U.S. without a permit and lied to the U.S. Army Corps of Engineers about doing so. Gaskin and others are alleged to have pushed N.C. DOT vessels into a river basin, altering the basin's bottom and using the vessels' propellers to make a channel in the Currituck Sound adjacent to Heritage Park ecosystem in Corolla, N.C., Gaskill allegedly signed a false statement claiming that creation of the channel was unintentional and submitted it to the Corps. If convicted on all four counts, Gaskill could receive fines of more than \$850,000 and up to 14 years imprisonment. Four other N.C. DOT employees previously pleaded guilty to charges in connection with the incident.

[U.S. EPA News Briefs](#)

## Los Angeles Man Sentenced to 37 Months in Jail for Mishandling Hazardous Waste

Behzad Kahoolyadeh, a west Los Angeles man, was sentenced on Jan. 25 in U.S. District Court in Los Angeles to 37 months in jail and forced to pay \$1.29 million in cleanup costs for conspiracy to improperly store and transport dangerous chemicals, primarily the dry cleaning solvent perchloroethylene (PERC). Kahoolyadeh, who also used the names Behzad Cohen and David Cohen, pleaded guilty on March 4, 2004, to conspiracy on two counts of the illegal transportation of hazardous waste and two counts of illegally storing hazardous waste.

Kahoolyadeh was associated with a company called AAD Distribution and Dry Cleaning Services, Inc. (AAD), based in Vernon, Calif. The company was one of the largest handlers of dry cleaning waste in California until it was shut in Jan. 2001. It charged dry cleaners to pick up, treat and arrange for the disposal of a hazardous dry cleaning compound known as PERC, a cancer-causing chemical. To hide permit violations from city and state inspectors, Kahoolyadeh and his partners conspired to load drums filled with PERC waste onto trucks before inspections. They then shipped the drums off-site and stored them at facilities that were not permitted to store hazardous wastes. Manifests for these shipments were falsified to conceal illegal shipments.

Kahoolyadeh's co-defendant, Hormoz Pourat, vice president of AAD, was also previously sentenced to 37 months in federal prison and ordered to pay \$1.29 million in restitution for conspiring to violate hazardous waste laws.

[U.S. EPA News Briefs](#)

## State Releases 2006 South Florida Environmental Report

FDEP and SFWMD recently released a comprehensive update of environmental projects in South Florida. The *2006 South Florida Environmental Report* provides a detailed summary of Everglades restoration efforts and updates on the progress of other environmental programs in the Kissimmee Basin, Lake Okeechobee, estuaries and other coastal areas.

"No other government has taken on a mission as large and as important as Everglades restoration," said DEP Secretary Colleen M. Castille. "The *2006 South Florida Environmental Report* delivers a comprehensive snapshot of Florida's unprecedented success over the past year."

The annual report documents the accomplishments of state and federal scientists, engineers, planners and program managers who are restoring the Everglades by reducing pollution and better managing the flow of water, while meeting the State's flood control and water supply responsibilities.

Consolidating information compiled from more than 50 separate reports, the *Report* covers "water year 2005" (May 1, 2004 thru April 30, 2005). The report provides extensive research summaries, data analyses, financial updates and a searchable database of environmental projects.

Highlights of the *Report* include:

- Stormwater Treatment Areas (STAs) which have treated almost 1.5 million acre-feet of water and prevented 189 metric tons of phosphorous from reaching the Everglades in water year 2005 alone.
- Best Management Practices (BMPs) recorded its tenth consecutive year of outstanding results in reducing phosphorus inputs. The BMP program achieved a 59-percent phosphorus load reduction in the Everglades Agricultural Area this year, more than doubling the 25 percent required by law.
- To date, STAs and BMPs combined have prevented more than 2,178 metric tons of phosphorus from entering America's Everglades.
- In October 2004, Governor Jeb Bush unveiled *Acceler8* - a plan to accelerate the restoration of eight key environmental projects to be completed 10 years ahead of schedule.
- The millionth acre of melaleuca, an invasive exotic plant species, was cleared from the Comprehensive Everglades Restoration Project (CERP) area in water year 2005.
- To date, more than 210,000 acres of land have been acquired for use in CERP.

"The *Report* is one of our agency's most impressive annual documents." Said Carol Wehle, Executive Director of the SFWMD. "it showcases the first-rate science, engineering and water resource management that are making South Florida's environmental restoration a reality."

Under the leadership of Governor Bush, Florida forged a 50-50 State-Federal partnership to implement the \$8.4 billion Comprehensive Everglades Restoration Plan and has invested \$1.3 billion and committed an additional \$3 billion through the end of the decade to clean up and restore the famed *River of Grass*. The *Report*, including a 52-page summary, is available online at <http://www.swfwmd.gov/sfer/>.

## UPCOMING 2006 CONFERENCES

2006 NATIONAL GREEN BUILDING CONFERENCE	MAR 12-14	ALBUQUERQUE, NM	<a href="http://WWW.NAHB.ORG">WWW.NAHB.ORG</a>
USF GAS EQUIPMENT EXPO	MAR 31	USF GEOPARK	<a href="mailto:GABRIELLE.ENOS@VERIZON.NET">GABRIELLE.ENOS@VERIZON.NET</a>
NAEP 31 <sup>ST</sup> ANNUAL CONFERENCE GLOBAL PERSPECTIVES ON REGIONAL ISSUES	APR 23-26	ALBUQUERQUE, NM	<a href="http://WWW.NAEP.ORG">WWW.NAEP.ORG</a>
THE COASTAL SOCIETY'S 20 <sup>TH</sup> BIENNIAL CONFERENCE	MAY 13-18	ST. PETE BEACH, FL	<a href="http://WWW.THECOASTALSOCIETY.ORG">WWW.THECOASTALSOCIETY.ORG</a>
RESTORATION 2006	MAY 16-17	NEW ORLEANS	<a href="http://WWW.RESTORATION2006.ORG">WWW.RESTORATION2006.ORG</a>
CONTAMINATED AND HAZARDOUS WASTE SITE MANAGEMENT	JUNE 12-16	TORONTO, ONTARIO	<a href="http://WWW.CONTAMINATEDSITE.COM">WWW.CONTAMINATEDSITE.COM</a>
FLORIDA CHAMBER'S 20 <sup>TH</sup> ANNUAL ENVIRONMENTAL PERMITTING SUMMER SCHOOL	JULY 19-21	MARCO ISLAND	<a href="http://WWW.FLORIDAENET.COM">WWW.FLORIDAENET.COM</a>
FLORIDA LOCAL ENVIRONMENTAL RESOURCE AGENCIES	AUG 2-4	HYATT ON SARASOTA BAY	<a href="http://WWW.FLERA.ORG">WWW.FLERA.ORG</a>
FLORIDA BROWNFIELDS CONFERENCE	OCT	MIAMI	<a href="http://WWW.FLORIDABROWNFIELDS.ORG">WWW.FLORIDABROWNFIELDS.ORG</a>
FLORIDA REDEVELOPMENT CONFERENCE	OCT 18-20	MIAMI	<a href="http://WWW.REDEVELOPMENT.NET">WWW.REDEVELOPMENT.NET</a>
US EPA NATIONAL BROWNFIELDS CONFERENCE	NOV 13-15	BOSTON	<a href="http://WWW.BROWNFIELDS2006.ORG">WWW.BROWNFIELDS2006.ORG</a>
FLORIDA REMEDIATION CONFERENCE	NOV 14-15	KISSIMMEE	<a href="http://WWW.ENVIRO-NET.COM">WWW.ENVIRO-NET.COM</a>

## FLORIDA COMMUNITIES TRUST ANNOUNCES OPENING OF FLORIDA FOREVER GRANT APPLICATION CYCLE

The Florida Communities Trust (FCT) opened the sixth Florida Forever application cycle on February 24, 2006. Approximately \$66,000,000 (unless otherwise allocated by the Legislature) will be available this funding cycle for grants to local governments and nonprofit environmental organizations to acquire land for conservation, open space and outdoor recreation purposes. The deadline for submitting applications to FCT is 6:00 PM (EDT), May 10, 2006. For a copy of the grant application form (FCT-3) or more information about the program, visit the FCT website at [www.floridacommunitydevelopment.org/fct/](http://www.floridacommunitydevelopment.org/fct/).

### Hourly Value of Volunteer Service

Ever wonder what your spare time is worth? The *Independent Sector* reports that the hourly value of volunteer service for 2005 has been calculated at \$18.04. This is an increase from the 2004 rate which was calculated at \$17.55. The number is provided by the *Independent Sector*, a leadership forum for charities, foundations, and corporate giving programs committed to advancing the common good in America and around the world. For more information go to: [www.independentsector.org/programs/research/volunteer\\_time.html](http://www.independentsector.org/programs/research/volunteer_time.html)

### Vanishing Heritage

Photography by Carlton Ward Jr.  
Florida is changing. One thousand new residents move here each day and 200,000 acres of natural land (larger than Pinellas County) are being converted to development each year. Florida's original character is quietly disappearing. *Vanishing Heritage* shares glimpses of the real Florida. Beautiful landscape photography is accompanied by visual exploration of Florida's enduring ranchlands and gulf coast fishing communities, the focus of Carlton's current projects.  
**Meet the Artist: March 10<sup>th</sup>, 6-9pm**  
Hoffman Porges Gallery, Ybor City  
Check out this website for more information:  
[www.carltonward.com](http://www.carltonward.com)

**Would you like to know  
what the average salary is  
for an Environmental  
Professional in the Tampa  
Bay Region?**

Check out our website at  
[www.tbaep.org](http://www.tbaep.org)  
under Announcements



### Brooker Creek

#### March Featured Events

- 8th Urban Wildlife Ecology: Screech Owls
- 9th Book Time: *The Acorn's Story*
- 11th Landscaping with Natives
- 18th The Fascinating World of Florida Turtles
- 18th Drawing Botanicals Workshop  
Artist - Douglas Alan Land
- 22nd The Soulful Landscape:  
Writing with a Sense of Place
- 23rd Book Time: *Look out for the Turtles!*
- 25th Painting Florida Landscapes  
Artist - Mitch Kolbe

- Call Brooker Creek: 727-453-6800 for detailed info.
- Check out their Sat. & Sun. guided hikes and their Wed. night walks, it's great family fun!

### NAEP Launches its New Website

NAEP has launched a new website that includes a member management service by Affiniscape. Sandi Worthman, the National Administrator, has been working diligently on the transition during the last few months. The new system will allow you to manage your membership information directly in the database.

This benefit is for all General Members, in other words, if you belong to the local, state, and national chapters your information is ready for you to verify or update as necessary. Your user name is your first and last name and your password is your current mailing zip code listed with NAEP. For example:

User Name: CharlesDarwin  
Password: 33607

You can change your password once you have entered the member profile page. Log in and check out your member profile. Make sure your contact information is up to date. You will also see your renewal/expiration date in your Profile; make sure you are current.

More information will be coming as NAEP continues to go live with additional areas of the Affiniscape site. Please visit <http://www.naep.org> whether you are just surfing through interesting sites or searching for guidance on critical environmental issues, we hope you find what you were looking for. NAEP offers environmental professionals a place from which to explore the Internet for information and to expand your professional horizons.

## Employment Opportunities

Position	Employer	Exp.	Contact	Info.
Environmental Scientist	Avid Engineering	6 years	<a href="mailto:ARobertson@avideng.com">ARobertson@avideng.com</a>	Consulting/wetlands Listed species
Environmental Scientist Part-time	Berryman & Hennigar	0 years	<a href="mailto:danschmutz@us.bureauveritas.com">danschmutz@us.bureauveritas.com</a>	Data collection/mapping
Environmental Scientist	Coastal Engineering	3-7 years	<a href="mailto:jcalamari@coastal-engineering.com">jcalamari@coastal-engineering.com</a>	Consulting/wetlands Listed species
Botanist	Delta Seven	0 years	<a href="mailto:postoffice@delta-seven.com">postoffice@delta-seven.com</a>	Field/office/research
Environmental Specialist	Environmental Affairs Consultants	0-2 years	<a href="mailto:mburton@eac-inc.com">mburton@eac-inc.com</a>	Consulting/wetlands Listed species
Paid Internship	Hillsborough County	0 years	<a href="mailto:MickelH@HillsboroughCounty.org">MickelH@HillsboroughCounty.org</a>	Stormwater/ Public outreach
Environmental Scientist	LPA Group, Inc.	5 years	<a href="mailto:HR@LPAGROUP.com">HR@LPAGROUP.com</a>	Natural resource assessments
Environmental Scientist	Olympic Recruiters	6 years	<a href="mailto:olympicrecruiters@verizon.net">olympicrecruiters@verizon.net</a>	Consulting
Paid Internship	Pinellas County	0 years	<a href="mailto:THasbrouck@PinellasCounty.org">THasbrouck@PinellasCounty.org</a>	Brownfields Brooker Creek
Paid Internship	Pinellas County	0 years	<a href="mailto:ggomez@pinellascounty.org">ggomez@pinellascounty.org</a>	Educational Center
GIS Database Developer	Photo Science	2-3 years	<a href="mailto:rhudson@photoscience.com">rhudson@photoscience.com</a>	ArcGIS & ArcSDE
Internship (for credit)	Pinellas County	0 years	<a href="mailto:afairban@co.pinellas.fl.us">afairban@co.pinellas.fl.us</a>	Solid Waste Div.
GIS Application Developer	Photo Science	2-3 years	<a href="mailto:rhudson@photoscience.com">rhudson@photoscience.com</a>	ArcIMS
GIS Application Developer	Photo Science	2-3 years	<a href="mailto:rhudson@photoscience.com">rhudson@photoscience.com</a>	ArcObjects
Ecologist	Quest Ecology	2-2 years	<a href="mailto:Vivienne@questecology.com">Vivienne@questecology.com</a>	Wetlands Conservation projects
Environmental Specialist	City of Sanibel	2 years	<a href="mailto:James.Evans@mysanibel.com">James.Evans@mysanibel.com</a>	
Hydrogeologist or Engineer	SDI Environmental Services		<a href="mailto:Cathleen.Jonas@isgw.com">Cathleen.Jonas@isgw.com</a>	
Environmental Specialist	Tampa Bay Watch	1+ years	<a href="http://www.tampabaywatch.org">www.tampabaywatch.org</a>	Coastal restoration & protection
Volunteer 7 Membership Coordinator	Tampa Bay Watch	3 years	<a href="http://www.tampabaywatch.org">www.tampabaywatch.org</a>	Volunteer mgmt. & communication Field work
Geologist or Engineer	TBE Group	0-4 years	<a href="http://www.tbegroup.com">www.tbegroup.com</a>	Spreadsheets ACAD
Sr. Environmental Scientist	URS Corp	5-7 years	<a href="mailto:Chase_Reed@URSCorp.com">Chase_Reed@URSCorp.com</a>	Consulting/wetlands Listed species

Check out [www.eco.org](http://www.eco.org) for other Environmental Internship opportunities!

### Pasco County Environmental Lands Acquisition Selection Committee Meeting

The next meeting of the Pasco County ELASC will be on Wednesday, March 8<sup>th</sup> in Dade City. Eric Sutton of the SWFWMD and John Gallagher will be in attendance to discuss acquisition priorities. They will also conduct a full review of the Malhotra property recently reviewed by the Scientific Subcommittee.

For more information contact: [rwbrown@pascocountyfl.net](mailto:rwbrown@pascocountyfl.net)

**TBAEP BOARD**

**President, Bruce Hasbrouck**  
BHasbrouck@FallerDavis.com

**Vice President, Heather Faessler**  
Heather.Faessler@myclearwater.com

**Treasurer, Bill Brammell**  
WBB@johnsoneng.com

**Secretary, Mike Lodato**  
Mlodato@geosyntec.com

**Past President, George Feher**  
GFeher@tampabay.rr.com

**At-Large Member, Steve Swingle**  
SSwingle@ch2m.com

**Membership Services, Teri Hasbrouck**  
THasbrouck@PinellasCounty.org

**At-Large Member, Mindy Hogan**  
Melinda.Hogan@saj02.usace.army.mil

**TAMPA BAY ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS**

New Member?  Yes  No    Renewal?  Yes  No    Date \_\_\_\_\_

\$45 Chapter Membership *and* FAEP Membership     \$10 Student Chapter Membership

National Association of Environmental Professionals Membership (optional)

\$150 NAEP only Dues    (NAEP Member # \_\_\_\_\_)

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

ZIP: \_\_\_\_\_ Phone (w): \_\_\_\_\_

Email: \_\_\_\_\_ Fax: \_\_\_\_\_

CEP?  Yes  No

Mar newsletter

Employment:     Academic     Government     Private

Type of Work:     (1) Environmental Management     (2) Environmental Planning     (3) Environmental Compliance

(4) Biology-Botany, Ecology, Wildlife Management     (5) Engineering

(6) Law     (7) Environmental Consulting     (8) Other

Area of Expertise:  (10) Impact Assessment     (20) Design     (30) Permitting

(40) Monitoring/Analysis     (50) Teaching     (60) Research

(110) Waste Management     (120) Other

Degree(s)/Year \_\_\_\_\_ University \_\_\_\_\_

**AFFIRMATION:** I hereby affirm and agree that I will abide by the Code of Ethics of the Association. I further understand that falsification of the contents of this application will be grounds for rejection and/or termination of my Association membership and revocation of all benefits resulting there from.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Questions?  
Contact Teri Hasbrouck  
(Membership Services)  
at 727-464-7319  
THasbrouck@PinellasCounty.org

**Mail to:**  
TBAEP  
Bruce Hasbrouck  
Faller Davis & Associates, Inc.  
5525 W Cypress St., Suite 300  
Tampa, FL 33607

Please make checks out to TBAEP