



TAMPA BAY ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS

WWW.TBAEP.ORG

THE 2007 TBAEP ELECTIONS

The 2007 elections were held last month. The newly elected board officers are:

- Heather Maggio, President
- Wendy Valle, Vice President
- Teri Hasbrouck, Treasurer
- Mike Ladato, Secretary
- Bruce Hasbrouck, Past President

The newly elected board members are:

- Greg Page
- Steve Swingle
- Ryan Oliver

The Tampa Bay Association of Environmental Professionals is founded on the premise that professionals assemble to obtain knowledge and mentor to the next generation. These actions allow local environmental professionals to meet and exchange information as well as ideals. TBAEP's officers and board members are dedicated to informing its members on the latest updates on environmental laws, regulations and technology. As the elected 2007 President, I will continue to uphold these values within the organization.

During 2006 the membership enrollment and participation grew from 76 to 96, and my primary goal as president is to see this trend continue throughout the year of 2007. As previous Vice President, newly elected President, I am honored to be a part of this organization and I encourage all current members to communicate with other environmental professionals and to join and participate in monthly meetings. I am very pleased to have met, befriended, and worked with several brilliant individuals as a result of networking within this organization!

-Heather Maggio

Monthly Meetings

Thanks to **Keith Tolson** from **Geosyntec** for giving us a very understandable presentation about the new FDEP rule on Risk-Based Corrective Action.

TBAEP is required to pre-order lunches from the caterer for monthly meetings. We use the RSVP list to determine how many meals we will need and we are invoiced for the number we order. For future meetings, the Board of TBAEP has decided that individuals **who RSVP and do not attend the meeting** will be invoiced at the advertised rate, usually \$10 or \$15.

JUNE 2007

Mark your Calendar!

Upcoming Meetings:

- **June 20 - 11:30-1:00**

GulfStream Gas Pipeline

Michael Aubele

EpiCenter at ICOT

- **July 18 - 11:30-1:00**

Impact of Property Tax Reform

Mr. Peter Nehr

EpiCenter at ICOT

- **Aug. 15 - 11:30-1:00**

Tampa Bay Underwater Archeology

Dr. Michael Faught

EpiCenter at ICOT

- **Sept. 19 - 11:30-1:00**

Luncheon

Link to map to EpiCenter:

http://www.pced.org/download/document/20050526_170508_26332.pdf

NAEP CALL FOR PAPERS

CHANGING CLIMATES

March 25-28, 2008 San Diego

Go to: www.naep.org



Have You Seen An Argentine Black & White Tegu?

The Argentine Black and White Tegu (*Tupinambis merianae*)

The first reported sighting of a Black and White Argentine Tegu in the wild in Hillsborough County was in 2005. The presence of the tegu in the wild is of growing concern due to its size, high reproductive rate and appetite. The Black and White Tegu grows to an average length of 4.5 to 5 feet and has a life span of 5 to 8 years. Reproduction begins at age 3 when they lay as many as 52 eggs that will hatch in the spring around May or June. The tegu has a voracious appetite and will eat anything from fruit, insects and birds to other reptiles, eggs, rodents and fish. This is of particular concern in respect to the protection of several of Florida's endangered and threatened species. The tegu is a highly adaptive animal living in a wide range of habitats. In its native countries of Paraguay, Uruguay, Southeastern Brazil and Northern Argentina it is found in meadows, grasslands, mountains, river basins and tropical and scrub forests. The tegu builds a burrow that it uses to lay its eggs, and for hibernation during the winter months. Because very few studies have been conducted on the tegu in the wild, little is still known about their family associations and population ranges. Hillsborough County Parks, Recreation and Conservation Services is working closely with the Florida Fish & Wildlife Conservation Commission to address issues and find solutions to this problem. Report sightings to Larry Connor 352-551-9574 or Larry.Connor@MyFWC.com.



Wendy Valle, Vice President

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:

Beck Bortnick

Chris Dailey

V. James Dickson

Lee Ford

Doug Grant

Melinda Hamsher

Tina Madrid

Manitia Moultrie

Tim Neldner

Denise Palmer

Kevin Shelton

100 Current Members

Student Lunch Sponsor

We have a new advertising opportunity for your business!

At the May 9th Board meeting, the TBAEP Board voted to offer the first 10 students free attendance to our monthly meetings. The Board also voted unanimously to offer companies and individuals the opportunity to **sponsor** the cost of 10 lunches each month. In exchange for your financial contribution to this worthy effort we will include the name of your company or enterprise in the meeting announcement at the first of the month, the meeting reminder the week prior to the luncheon, announce you as the **Student Sponsor** at the meeting, and also give you credit in the newsletter. If you are the **Student Sponsor**, the name of your company will reach as many as 1,400 Environmental Professionals, several times in that month.

The cost of the Student Sponsorship is only **\$125** each month.

Contact THasbrouck@PinellasCounty.org

So what are you waiting for ????????

EPA Proposes Criteria for Clean Vehicles Allowed in HOV Lanes

The USEPA recently proposed criteria for hybrid and alternative-fueled vehicles that states might allow to travel in the high-occupancy vehicle (HOV) lanes, even when the driver is alone in the vehicle. The 2005 transportation act authorized such occupancy exemptions for HOV lanes to encourage the purchase and use of clean vehicles. The act also required EPA to set the criteria for such clean vehicles. According to DOE's Alternative Fuels Data Center, some type of HOV exemption is currently offered in eight states - Arizona, California, Colorado, Florida, Georgia, New Jersey, Utah, and Virginia - and the District of Columbia.

The EPA is proposing to require the vehicles to be either a dedicated alternative fuel vehicle or a high-efficiency hybrid vehicle. Hybrids must achieve either 50% or better improvement in fuel economy during city driving, compared to a similar gasoline-only vehicle, or 25% or better improvement in average fuel economy. The "dedicated" requirement for alternative fuel vehicles excludes flex-fuel vehicles, which can run on either gasoline or a blend containing 85% ethanol, because many flex-fuel vehicle owners fill their tanks with gasoline.

The EPA also requires the vehicle to meet stringent air quality criteria and to weigh less than 8,500 pounds. States will be able to set tougher criteria but not looser ones. The EPA will accept comments on the proposal for 30 days after its publication in the Federal Register. Go here to read Florida rules: http://www.eere.energy.gov/afdc/progs/in_matrx.cgi

From EERE News

Tampa Bay Watch

POTLUCK ON THE PORCH

Friday, June 8th 2007

7:00-10:00pm at Tampa Bay Watch

Please join us for an evening of relaxation and fun - No heavy lifting involved!

You have given so much to Tampa Bay Watch this year in time, hard work and support.

We hope that you can join us to celebrate YOU and all that you do for us!

Come visit with friends new and old, enjoy live music and catch a sunset on the bay with us!

Bring a potluck dish to share and your beverage of choice. Soft drinks and lemonade will be provided.

RSVP aackman@tampabaywatch.org (please indicate type of dish you will be bringing)

Identifying the Ivory-billed Woodpecker and the Pileated Woodpecker

Think you have seen an Ivory-billed Woodpecker? Or perhaps you are planning on searching for one? Here are important field marks and other information you'll need to distinguish Ivory-billed Woodpeckers from Pileated Woodpeckers.

Ivory-billed Woodpecker

Campephilus principalis

- Habitat is old-growth river forest
- Feeds primarily on beetle larvae
- Large bird, approximately 19½ inches long
- Pale ivory-white bill
- Dark face and dark chin
- Crest is curved and pointed
- Male's crest is bright red; female's is entirely black
- Two white stripes, which don't touch the bill, run from either side of the head and converge on the lower back
- White secondary feathers give appearance of a white "saddle" on the back
- Tail feathers are long and come to a point
- White trailing edge of the wing
- Call is a single loud tooting sound, somewhat similar to a nuthatch ([Ivory-billed Woodpecker Call](#) recorded in 1935; © 2005 Cornell Lab of Ornithology)
- Makes strong, single or double raps on trees
- Trees with extensively peeled bark are a characteristic sign of ivory-bill foraging

Pileated Woodpecker

Dryocopus pileatus

- Inhabits a wide variety of mature forest types
- Feeds on carpenter ants in fallen trees and stumps
- Crow-sized bird, approximately 16½ inches long
- Dark-colored bill
- White chin. Male has red "moustache" on the face, touching the bill
- Male and female have red caps, not as pointed as an ivory-bill
- Two white stripes on the face touch the bill and run under wings
- Solid-colored back
- Shape of the tail feathers is more rounded
- Dark trailing edge of the wing
- Call is a single loud "kuk" or irregular series of notes, somewhat similar to a northern flicker
- Makes loud, territorial "drumming" sound
- Excavates long, rectangular holes in trees

Go to http://research.myfwc.com/features/view_article.asp?id=28285 for a field identification card, brochures and an historical range map.

Biodiesel-Fueled Boat Forced to Abandon Record Attempt

"We gave it our best shot"

Earthrace will no longer be able to break the record, the decision has been made to abandon the race.

Malaga, Spain - 31 May 2007 - On Wednesday May 30, 2007 the Earthrace biodiesel-fueled powerboat was forced to abandon its world record attempt to circumnavigate the globe. The Earthrace vessel and crew are in Malaga, Spain. The Earthrace boat suffered structural damage to its main hull during its crossing of the Mediterranean Sea. During this crossing she encountered a vicious storm on route from Port Said, Egypt to Malaga, Spain. This was the third severe weather system that Earthrace had endured in 3 weeks, the other two being a monsoon off the southern coast of India and 50 knot head winds encountered traveling up the Red Sea. It appears these severe conditions, collectively, have taken their toll on the Earthrace boat.

See the latest Earthrace [press releases](#).



HybridCars.com

The Toyota Prius will be celebrating its 10th anniversary later this year. The iconic hybrid car is going stronger than ever—with nearly 750,000 units on roads throughout the world and the pace of sales continuing to rise. Looking back to the birth of the Prius, the engineers behind the vehicle were apprehensive about being able to achieve their goals.

In 1994, Akihiro Wada, then executive vice president of Toyota, set a challenge before the project's engineers: to double the fuel efficiency compared with a conventional vehicle. That was difficult enough. On top of that, Toyota's president at the time, Hiroshi Okuda, told the group to complete its work years ahead of schedule, in order to introduce the vehicle in 1997, the year the Kyoto Protocol was adopted at the U.N. conference on climate change.

The response from Takeshi Uchiyamada, chief engineer of the first-generation Prius, was, "That's impossible." But the executives stuck to the 1997 deadline. According to the legend, Uchiyamada was given the option of completing the assignment or quitting his job. He sought inspiration by reading stories about people who had accomplished impossible goals. The team made hybrid history by releasing the Prius as the world's first gas-electric car in December 1997.

Learn more: <http://www.hybridcars.com/history/prius-at-10.html>



The engineering team for the first-generation Prius.

Adopt-A-Pond-New Website!

The long awaited new Adopt-A-Pond website is now online! It boasts improvements all the way through, front end and back. You'll notice first of all the new front page. It now has an Adopt-A-Pond button, so no more hunting for the pages buried in the atlas. The mapping, the interface, and the search features are all redesigned to be more intuitive and functional. On the individual pond pages you can see announcements, text customized for your pond, and reminders of when you need to report. You can also see the data you submit. No more black hole (did it go through or not?) and, if you have water quality data, you can even graph it out!

Contact John McGee at: mcgee.j@hillsboroughcounty.org

EPA Awards \$71 Million to Help Brownfields Bloom into Productivity

Local Funding Available to Revitalize Industrial Sites: The cities of Clearwater, Tampa and the Clearwater Homeless Intervention Project (CHIP) have been selected to receive USEPA brownfields grants to help revitalize former industrial and commercial sites, turning them from problem properties to productive community use. ([more](#))

The Cities of Clearwater and Tampa were selected to receive Brownfield Assessment grants totaling \$400,000 each. For Clearwater, the grant funds will be used in the City's designated Brownfield Area. In Tampa, the grant funds will be used in the East Tampa Target Area, one of the city's oldest neighborhoods and home to 25 illegal dumping sites.

The Clearwater Homeless Intervention Project was selected for a \$200,000 cleanup grant which will be used to clean up the former Carpro property located on Cleveland Street. The site operated as a service station from 1958 to 1984 and then as an automotive repair and welding business.

From USEPA

New York to Shift Taxi Fleet to Hybrids by 2012

New York Mayor Michael Bloomberg announced last week that the city's fleet of 13,000 taxicabs will shift entirely to hybrid vehicles by 2012. The New York Taxi and Limousine Commission (TLC) will phase in new emissions and mileage standards over the next four years that will force a shift to hybrid vehicles. According to the mayor, the shift will reduce the greenhouse gas emissions from the city's taxicab and for-hire vehicle fleet by 50% within the next decade. It will also benefit the cabbies, cutting fuel costs by \$10,000 per year for the average taxicab.

The TLC first approved eight hybrid models for use in the city back in October 2005, but there are currently only 375 hybrid vehicles in the city's fleet. According to Ford Motor Company, 288 of those vehicles are Ford Escape Hybrids. See the press releases from [Mayor Bloomberg](#) and [Ford](#).

from EERE Network News

Employment Opportunities

Position	Employer	Exp.	Contact	Info.
Biologist	Faller, Davis & Assoc.	5-10 years	bhasbrouck@FallerDavis.com	Permitting, PD&E

EPA Launches New Chinese Web Site

The U.S. Environmental Protection Agency has launched a new consolidated Chinese-language Web site as part of its ongoing effort to provide environmental information in English, Spanish and Chinese.

The new site compiles EPA Chinese-language materials on a wide variety of issues from lead poisoning prevention, energy efficiency, and clean water to proper management of pesticides.

The site also serves as a valuable tool in delivering important health and environmental information to the Chinese-speaking community, both here in the U.S. and worldwide, to help protect local communities as well as the global environment. Chinese is the third most widely-spoken language in the U.S., after English and Spanish.

The new portal should also enhance environmental cooperation between the United States and China. EPA has a robust program of cooperation with several Chinese governmental bodies to address threats to human health and the environment, including initiatives on air pollution, water pollution, and management of hazardous waste and toxic substances. EPA also collaborates with China on research, policy development, and buildup of environmental enforcement capability.

To view EPA's Chinese site, visit: <http://www.epa.gov/chinese>

To view EPA's Spanish portal, visit: www.epa.gov/espanol

EPA's English website: www.epa.gov

UPCOMING CONFERENCES & WORKSHOPS

PHASE I ESA AND AAI TRAINING COURSE	JULY 16-17	MARCO ISLAND	FLORIDA ENVIRONMENTAL ASSESSORS ASSOCIATION 850-558-0616
FLORIDA CHAMBER'S 21 ST ANNUAL ENVIRONMENTAL PERMITTING SUMMER SCHOOL	JULY 18 - 20	MARCO ISLAND	WWW.FLORIDAENET.COM/PERMITTING.PHP
INTERNATIONAL SOIL AND WATER CONSERVATION SOCIETY-INVASIVE SPECIES SYMPOSIUM	JULY 21-25	TAMPA	WWW.SWCS.ORG
AQUATIC MACROINVERTEBRATE IDENTIFICATION PROGRAM	AUG. 13-17 OR AUG. 20-24	WARREN COUNTY, NY	WWW.HUDSONBASIN.ORG/MACROPROGRAM.HTM
FLORIDA REMEDIATION CONFERENCE	OCT. 11-12	ORLANDO	WWW.ENVIRO-NET.COM
ECOSYSTEMS RESTORATION & CREATION	Nov. 1-2	PLANT CITY	WWW.HCCFL.EDU/DEPTS/DETP/ECOCONF.HTM
FLORIDA BROWNFIELDS ASSOCIATION 10 TH ANNUAL CONFERENCE & EXHIBITION	Nov. 7-9	ORLANDO	WWW.FLORIDABROWNFIELDS.ORG
17 TH ANNUAL CLEAN GULF EXHIBITION & CONFERENCE	Nov. 15-16	TAMPA	WWW.CLEANGULF.ORG
BROWNFIELDS 2008	MAY 5-7, 2008	DETROIT	WWW.BROWNFIELDS2008.ORG
NAEP ANNUAL CONFERENCE - <i>CHANGING CLIMATES</i>	MAR 25-28	SAN DIEGO	WWW.NAEP.ORG

TBAEP BOARD

President, Heather Maggio
maggioe@earthlink.net

Vice President, Wendy Valle
WFValle@tecoenergy.com

Treasurer, Teri Hasbrouck
THasbrouck@PinellasCounty.org

Secretary, Mike Lodato
MLodato@Geosyntec.com

Past President, Bruce Hasbrouck
BHasbrouck@FallerDavis.com

Membership Services, Greg Page
Greg.Page@Arcadis-us.com

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

At-Large Member, Eric Hovland
Mad.Scientist@verizon.net

At-Large Member, Ryan Oliver
Ryan.Oliver@Delta-Seven.com

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

June 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 Greg Page
(Membership Services)
at 813-903-3124
Greg.Page@Arcadis-us.com

Mail to:
Teri Hasbrouck
PCED
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Clearwater, FL 33760

Please make checks out to TBAEP