



FAEP NEWSLETTER

Southwest Chapter

Fall 2011

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Annual Membership Drive

30 Members in 30 Days!

For the month of October,
enjoy \$15 off your annual membership!

Individual Membership was \$45, now just \$30

Corporate Membership (5 or more employees)
was \$40, now just \$25

To Sign Up:

Visit Us
www.SWFAEP.org

Call Us

Erica Battles at (239) 878-4649

Connect with Us



Quick Clicks

[SWFAEP Website](http://www.SWFAEP.org)

[CLICK HERE](#)

[To Join FAEP or Renew your Membership](#)

Upcoming Events

SWFAEP September Membership Meeting

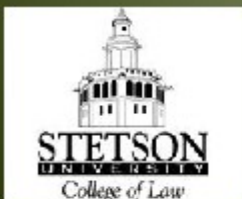
Royal Gardner

Vice Dean of the Stetson University College of Law

Presenting on his new book:

**Lawyers, Swamps, and Money: U.S. Wetland Law, Policy,
and Politics**

RSVP to Matt Miller (mpmille3@mail.usf.edu)



Tuesday, September 27, 2011
6-8 p.m. at the Loft Ristobar
5911 Fruitville Road, Sarasota 34232



Upcoming Events

SWFAEP October Membership Meeting

Sarasota County's Updated Manatee Protection Plan

Rachel Herman, Project Scientist with Sarasota County

Thursday, October 13, 2011

6-8 p.m. at the Loft Ristobar

5911 Fruitville Road, Sarasota 34232



Upcoming Events

SWFAEP November Membership Meeting

Manatee County's Wetland Regulations
Joel Christian, Environmental Program Manager
with Manatee County

Tuesday, November 8, 2011
6-8 p.m. at the Loft Ristobar
5911 Fruitville Road, Sarasota 34232



Southwest Florida Association *of* Environmental Professionals

Invites you to...



Happy Hour!

Bar Louie @

Gulfcoast Town Center

October 18, 2011

6pm to 8pm



thirsty for more info?

- Visit Us: www.SWFAEP.org
- Call us Erica @ (239) 878-4649
- Connect with Us



SWFAEP CALENDAR OF EVENTS

SEPTEMBER 2011

27th SWFAEP Membership Meeting—Lawyers, Swamps, and Money: U.S. Wetland Law, Policy, and Politics, presenter Royal Gardner, The Loft Ristobar, Sarasota, 6-8 p.m.

OCTOBER 2011

13th SWFAEP Membership Meeting—Sarasota County's Updated Manatee Protection Plan, presenter Rachel Herman

18th SWFAEP Networking Event—Bar Louie at Gulf Coast Town Center, Ft. Myers 6-8 p.m.

20th SWFAEP Networking Event—Old Salty Dog, City Island, Sarasota 6-8 p.m.

NOVEMBER 2011

8th SWFAEP Membership Meeting—Manatee County's Wetland Regulations, presenter Joel Christian, The Loft Ristobar, Sarasota, 6-8 p.m.

DECEMBER 2011

9th *Tentative* SWFAEP Holiday Dinner. Details Soon!

Happy Holidays! 2012 Schedule of Events will be in the Winter 2011 Newsletter

Rookery Bay National Estuarine Research Reserve
Professional Programs 2011
Brought to you by the Coastal Training Program

September 28 (8 to 12 p.m.)

Fertilizer Calibration – Spanish

This class is designed for landscapers looking to renew their landscape registration with the City of Naples, but is open to anyone who handles fertilizer products at home or work. Cost is \$15 and includes class materials and a light breakfast. Registration required – download form at www.rookerybay.org/greenscape or call 239-417-6310 ext. 231 for more information.

Oct. 5 (noon to 1 p.m.)

Lunch & Learn Lecture

This monthly series for an adult audience runs on the first Wednesday of the month from October through April and focuses on an expert discussing an environmental topic. October's speaker is Alberto Chavez, who will discuss "From Galapagos to Florida, a journey through Ecotourism," a presentation on ecotourism as a strategy to preserve the sense of place and natural beauty of our planet's most pristine destinations, based on the experiences of a Galapagos guide and sustainable tourism specialist. Refreshments are provided by Carrabba's and Costco Naples. The lecture is free for members and \$8 for non-members and includes admission to the Environmental Learning Center. Call 417-6310 to reserve a spot.

Oct. 18-20 (8:30 – 11:30 a.m.)

Nature Photography Made Easy

Join well known Naples photographer and photography instructor Gordon Campbell for a three-part nature photography class. Whether you are working with a point & shoot camera or with a DSLR and several lenses, this course that will cover everything from setting your camera's menu correctly to attractive composition and use of lighting plus Q&A to help solidify your experience. Included are daily in-the-field shooting instruction and a special trip to Tigertail Beach, one of Florida's top birding destinations. Bonus: for those interested in improving their photo editing and digital processing skills, sign up for an optional Day Four of instruction from 8:30 to 11:30 a.m. on Oct. 21. For this extra class, students will need to bring a laptop and have experience transferring their files from a camera to their computer. Students will come away understanding key lighting adjustments, proper cropping and other tricks the pros use to finish their best photos. The fee for the three-day class is \$150 and the fee for the photo editing class is \$65. Pre-registration required at rookerybay.org or by calling 417-6310 x401.

Oct. 21 (8:30 to 11:30 a.m.)

Photo Editing & Digital Processing for Nature Photographers Workshop

Join well known Naples photographer and photography instructor Gordon Campbell presents this class that offers students an understanding of key lighting adjustments, proper cropping and other tricks the pros use to finish their best photos. Students will need to bring a laptop and have experience transferring their files from a camera to their computer. The fee is \$65. Pre-registration required at rookerybay.org or by calling 417-6310 x401.

October 25 (8 a.m. to 3:00 p.m.)

Best Management Practices for the Protection of Water Resources by the Green Industries - English

This certification class for landscapers covers turfgrass management, landscape plants, irrigation systems and pesticide handling. Cost is \$30 and includes class materials and lunch. Registration required at least three days in advance – download form at www.rookerybay.org/greenscape or call 239-417-6310 ext. 231 for more information.

Rookery Bay National Estuarine Research Reserve
Professional Programs 2011
Brought to you by the Coastal Training Program

Nov. 2 (noon to 1 p.m.)

Lunch & Learn Lecture: Sex, Drugs, and Sea Slime – The Oceans' Oddest Creatures and Why They Matter

This monthly series for an adult audience runs on the first Wednesday of the month from October through April and presents an expert discussing an environmental topic. November's speaker is author and marine biologist Dr. Ellen Prager, who will discuss "Sex, Drugs, and Sea Slime – The Oceans' Oddest Creatures and Why They Matter." Refreshments are provided by Carrabba's and Costco Naples. The lecture is free for members and \$8 for non-members and includes admission to the Environmental Learning Center. Call 417-6310 to reserve a spot.

Nov. 6 (1 – 4 p.m.)

Party of All Parties

Just in time for holiday shopping, Friends of Rookery Bay presents the 2nd annual Party of All Parties. Dozens of home party and gift vendors will sell their products and offer a bucket raffle of their favorite items. Wine, soft drinks and desserts will be served. A "pampering" area with massage and facial treatments, along with a complimentary shopping tote, are new additions to the event. Sponsors include The Arlington, Naples Illustrated, Costco Naples and the Marco Island Marriott Beach Resort. Admission is \$8 per person or \$15 per couple.

November 9 (8:30 to 5:30 p.m.)

GIS Symposium: Inspiration Through Networking and Technology

Just a friendly reminder that the **deadline** to submit an abstract for the GIS Symposium is this **Friday, August 19, 2011**. Please visit the Symposium website at www.rookerybay.org/GIS-Symposium2011 and download a [registration form](#) or submit an [abstract or learn about exhibitor guidelines](#). ESRI will be presenting on the latest software updates and changes. Cost is FREE and will be held at the Rookery Bay Environmental Learning Center, 300 Tower Road, Naples, FL 34113. For more information email Jill.Schmid@dep.state.fl.us or call 239-417-6310 ext. 406.

Nov. 15 (9 a.m. to 4 p.m.)

America Recycles Day

The Rookery Bay Environmental Learning Center offers "buy one, get one free" admission along with literature to help people increase their recycling habits at home and work and to buy products made with recycled materials. A nature walk at 11:00 includes a short tour of the sustainable butterfly garden, complete with rain barrel and solar irrigation. At 2:00, learn the basics of composting and see how simple it can be to compost at home.

Nov. 15 (5:30 to 7 p.m.)

Painting Annual Exhibit Opening

Friends of Rookery Bay and the United Arts Council of Collier County present the "6th Annual Juried Painting Exhibition" from Nov. 17 through Jan. 28 with works submitted by artists from Collier and Lee counties. Following Rookery Bay's environmental mission, work with a central theme of landscape was suggested to the artists but not required. Most of the works are for sale. The juror is Barbara Hill, a fine art consultant and advisor to municipalities, non-profit cultural institutions, collectors and artists. The Opening Reception featuring wine and light hors d'oeuvres will be held from 5:30 to 7 p.m. on Tuesday, Nov. 15. Admission is \$3 for the public and free for participating artists and their guest as well as members of the United Arts Council and the Friends of Rookery Bay.

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Dec. 3 (8 to 11 a.m.)

2nd annual Rookery Bay Reserve Adventure Race

Enjoy a 3k kayak along Henderson Creek and a 4k trail run at the Rookery Bay Environmental Learning Center to benefit the Friends of Rookery Bay. All participants will receive a t-shirt designed by Reserve Manager Gary Lytton, post-race refreshments, and free admission to the Environmental Learning Center. Awards will be presented to the top three finishers in each category: men, women and relays. Registration is limited to 70 people and opens Oct. 1 at rookerybay.org. Fees are \$40 for individuals and \$70 for relay teams. Kayak rentals are available for a separate fee. The race is sponsored by Up A Creek Kayak Tours, Friends of Rookery Bay and the Florida Fish and Wildlife Conservation.



The Florida Center has initiated a search for a new faculty member to participate in the Water Atlas program.

News item title: Water Atlas Program Seeks New Faculty Member

Associate in Research Faculty, Water Atlas Program

University of South Florida – Tampa Campus.

The University of South Florida (USF) seeks a full-time (12 month) Associate in Research Faculty to lead the Water Atlas Program (www.wateratlas.org) at the multi-disciplinary Florida Center for Community Design and Research. The Water Atlas Program goal is to utilize advances in information technology to assist with environmental assessment, mapping and management; and to provide public access to timely, quality-tested data and information related to water resources. This is a full-time research faculty position that will involve program development, grant-writing, project management, oversight of a team of professionals and students, public presentations, and authoring academic and/or professional publications.

Minimum Qualifications: A Ph.D. in-hand prior to start date. Academic and/or professional experience in geography, environmental sciences, civil and environmental engineering, computer or information science, urban planning, hydrology and water resource sciences, ecology or biology, or related disciplines. Applicants must be minimally proficient in the use of information technologies such as geographic information systems, internet applications, and electronic data collection and management programs to facilitate research, environmental resource management, and education and outreach.

More information, including a full position description and instructions for submitting applications, is available at: <http://www.fccdr.usf.edu/2011facultysearch>. **Applications received by November 1, 2011,** will receive full consideration. Applications received after this date will be advanced only in cases of compelling merit. Appointment is expected to begin February, 2012.



SIERRA
CLUB
FOUNDED 1892

Sierra Club is looking for an Associate Organizing Representative based at our Fort Myers office to coordinate a broad, volunteer-based citizen education effort on water quality, wildlife habitat and other conservation issues throughout southwest Florida. The ideal candidate has a strong background in recruiting and motivating people to build grassroots power and possesses strong coalition-building, media relations, advocacy and communications skills. If you can engage volunteer committees, interact with stakeholders at all levels, and have a passion for the Club's mission to explore, enjoy, and protect the planet, take a look at the full job description and application information here:

<http://www.sierraclub.org/careers/conservation/Associate-Organizing-Representative.aspx>

Applicants should send cover letters and resumes to resumes@sierraclub.org, specifying job code Associate Organizing Representative (FL) - SCFL #63-11 in the subject line.

Frank Jackalone

Senior Organizing Manager/ FL & PR
Sierra Club

Join me at the [Sierra Club Florida Facebook page](#)

Click here for our blog: [Sierra Club Florida News](#)

PLEASE REPORT FOX SQUIRREL SIGHTINGS

The fox squirrel, named for its fox-like tail, is a charismatic mammal approximately twice the size of the common gray squirrel. The coloration of the fox squirrel is highly variable, ranging from a creamy tan to all black versus the gray squirrel which is primarily gray with an off-white chest.



In Florida, the fox squirrel can be found in almost every county, but the distribution is patchy and not well understood. To better understand fox squirrel distribution, a new research project conducted by the University of Florida Department of Wildlife Ecology and Conservation and the Florida Fish and Wildlife Conservation Commission is asking people across the state to report their fox squirrel sightings at the following website

<https://public.myfwc.com/hsc/foxsquirrel/GetLatLong.aspx>



Questions? Please contact Courtney Hooker at foxsquirrel@ifas.ufl.edu

The Economic Value of Conservation Lands

Human societies get many benefits from the natural environment. Especially in Southwest Florida, we are well aware of how important eco-tourism, sport and commercial fishing, and natural products such as locally produced fruits, vegetables, and honey are to our regional economy. But did you know that the natural environment also provides, for free, services that we would otherwise have to pay for, in both capital outlay, and operation and maintenance costs?

"Ecosystems services" refers to a wide range of natural processes that help sustain and fulfill human life, such as:

- Purification of air and water
- Detoxification and decomposition of wastes
- Pollination of crops and natural vegetation
- Cycling and movement of nutrients
- Protection of coastal shores from erosion by waves
- Moderation of weather extremes and their impacts
- Provision of aesthetic beauty and intellectual stimulation that lift the human spirit

Ecosystem services values can be used by decision makers when establishing and maintaining conservation lands, siting utilities, or making development decisions, putting numbers to the impacts associated with those decisions, and adding data when critical trade-offs are being discussed. These values can also be useful in justifying grant funding and in leveraging restoration dollars.

The SWFRPC has already begun determining the economic values for ecosystem services in our ecologically rich area (the study area of the Charlotte Harbor National Estuary Program (CHNEP)). Preliminary figures from existing literature are shown below.

Habitat	Value Year	Dollars per Acre	Total Acres in CHNEP	Total Dollars in CHNEP at Year of Estimate	Adjusted for Inflation
Mangrove	1986	\$2,223,000	68,832	\$141,898,447,080	\$278,357,144,283
Seagrass: Fisheries	1993	\$8,645	65,248	\$564,064,810	\$840,231,946
Seagrass: Nutrient Cycling	1997	\$46,940	65,248	\$3,062,710,759	\$4,141,396,034

The bottom line: To replace the functions that the habitats provide with manmade facilities, such as water treatment plants and fish hatcheries, would cost billions of dollars, or more!

If you are interested in finding out the economic value of ecosystems services in your area, contact SWFRPC!

To learn more, come to the Conservation Lands Economic Value Cela Tega, a public meeting on the economic benefit of conservation lands in the Estero Bay Watershed, November 2, 2011 in the Student Union Ballroom at FGCU. For more information, contact Jim Beever at 338-2550 or jbeever@swfrpc.org.



Save the Date

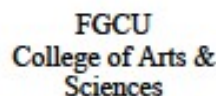
Conservation Lands' Economic Value Celta Tega

Wednesday, November 2, 2011
 8:00 am - 5:00 pm
 Student Union Ballroom
 Florida Gulf Coast University

Purpose: To identify and discuss the economic benefit of conservation lands in the Estero Bay Watershed

For more information contact
 Nora Demers ndemers@fgcu.edu or (239) 590-7211

Celta Tega is the southwest Florida native (i.e.: Calusa) term for "A view from high ground". We used it here to symbolize "overview"



FGCU Journalism Program

League of Women Voters of Lee County



Calusa **ROCKS!!!**



Come join the fun on September 25th! From 4-8PM Food, Fun, Prizes, and music by local artists Stolen Fruit and Let's Go Exploring! BobFM will be there! This fundraiser is to help offset the cost of our stolen a/c units! Price is \$8 for non-members, \$4 members! Raffle to win a free nights stay on Fort Myers Beach! For more information, call 275-3435 or email:

info@calusanature.org VOLUNTEERS NEEDED!!!

Buffalo Wild Wings will have Wings!!! Racks & Tails is bringing: pulled pork, fried twinkies, and fried oreos!!!

Nutria Chili

Recipe by: Chef Enola Prudhomme

3 tablespoons vegetable oil
2 pounds nutria ground meat
1 tablespoon + 1 teaspoon salt
1 teaspoon red pepper
1 tablespoon + 1 teaspoon chili powder
1 cup diced onion
1 cup diced green bell pepper
1 cup diced red bell pepper
1 cup tomato paste
4 cups beef stock (or water)
1 can red kidney beans (opt.)



In a heavy 5-quart pot on high heat, add oil and heat until very hot. Add nutria meat, and cook and stir 10 minutes. Add salt, red pepper, chili powder, onion and both bell peppers. Cook and stir 15 minutes. Add tomato paste and 4 cups stock. Cook 30 minutes; reduce heat to medium. Add red kidney beans; cook an additional 10 minutes. Serve hot!

Recipe/Photo Courtesy: <http://www.nutria.com/site.php>

Green/Non-Toxic Cleaning Tips

Use a mixture of 1 part white vinegar to 3 parts water and mix in spray bottle. Great as a window cleaner substitution! Clean windows, countertops and anything else that needs a streak free shine.

For flattop ceramic cook tops, use regular white toothpaste instead of cook top cleaner. Just apply with a little bit of water, buff on and buff off.

Sponsorship Opportunities

HELP SUPPORT SWFAEP
Sponsorship Packages start at \$100.00

You may contact Jeremy Sterk directly via e-mail at:
jeremy@ecotoneenv.com to discuss sponsorship options.

Please make checks payable to SWFAEP and mail to:
P.O. Box 1302 Fort Myers, FL 33902.

SPONSORSHIP PACKAGE

<p>Here is what you get :</p>	<ul style="list-style-type: none"> • Option to distribute company materials and set up a table/exhibit at any of our general membership meetings. • Sponsor recognition/logo in our monthly newsletter for the entire 2011/2012 year with a direct link to your company website (1/4 page). Our newsletter is distributed to environmental professionals, in both the private and public sectors, and is posted on the state FAEP website. • Sponsor recognition at all of our general membership meetings in Naples, Ft. Myers and Sarasota. • Your company's logo will also be added to the sponsorship page of any PowerPoint presentation during the meetings. • Your Company's logo will be added to the SWFAEP website for the duration of 	<p>\$100.00</p>
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Fall 2011

FAEP WEBSITE

www.faep-fl.org

Our Mission is to work together to further the quality of the practice of the environmental profession in the state of Florida.

NAEP WEBSITE

www.naep.org

FAEP is...

An interdisciplinary association of environmental professionals in Florida.

A forum in which the state-of-the art environmental planning, research, and management is advanced.

A focal point for objectivity, ethical standards, and technical excellence in our diverse profession.

A vehicle for the growth and advancement of FAEP members around the State.

A medium of professional contact and information exchange among colleagues in business, government, and academe.

A foundation for structured career development from student to registered environmental professional.

A regional chapter of the National Association of Environmental Professionals founded in 1975 and now having 2,000 members worldwide.

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Membership

Don't forget to renew your membership!

For questions regarding state renewal, contact Teri at info@faep-fl.org

For SW Chapter membership questions, contact Kim at

kims@boylanenv.com

or Erica at

EBattles@hsa-env.com

Membership Rates