

FLORIDA BEACON

From the President's Desk
Tim Perry



Dear FAEP Members,

I hope you had a happy holiday season! A great way to start the New Year off right is to attend one of your local chapter's events, like a social or an educational luncheon. While you are at it, make it a New Year's resolution to invite a colleague to join you at an event.

The FAEP recently held their annual elections for the FAEP Board of Directors. Joe Penta from the Treasurer Coast Chapter will be joining the Board, and Elva Peppers from the Tallahassee Chapter retained her seat on the Board! I would like to thank Tom Mullin with the Treasure Coast Chapter for his service on the FAEP Board!

Finally, as my term as President is coming to an end, this will be my last *From the President's Desk* note to you. It has been an honor serving as the FAEP's President these last two years. I would like to thank Past-President Amy Guilfoyle for her mentorship, and encouragement to serve as President of this great Association. I would also like to thank Bruce and Teri Hasbrouck for their guidance, and their outstanding contributions to the Association.

Wishing you a happy, healthy, and prosperous 2020!!
Tim Perry
FAEP President

Next FAEP Board Meeting!!

The next FAEP Board of Directors Meeting
is January 27, 2020 at 12:00
dial: 605-475-4000 (code 607028#)

**Florida Association of
Environmental Professionals**
Winter 2020



FAEP 2020 Board of Directors

Tim Perry – President
Amy Guilfoyle – Past President
Ryan Goldman – Vice President
Elva Peppers – Treasurer & TL Chapter
John Abbott – Secretary - SO Chapter
Bruce Hasbrouck - Parliamentarian
Todd Hodgson – CN Chapter
Paul Gunsaulies – NE Chapter
Will Stokes - NW Chapter
Arielle Poulos – SW Chapter
Scott Graf – TB Chapter
Gina Chiello – TC Chapter
George Sprehn – At Large Member
Joe Penta – At Large Member
Jill King – At Large Member

**Check the last page of our
newsletter to determine if you
qualify for a discount on your
FAEP membership!**

**Find out more about FAEP
Member's Benefits at our website:
WWW.FAEP-FL.ORG**



National
Association of
Environmental
Professionals

Be Connected

SAVE THE DATE

NAEP Annual Conference and Training Symposium

May 18-22, 2020
Westin Fort Lauderdale Beach Resort
Fort Lauderdale, Florida

NAEP invites you and other environmental professionals from across the United States to participate in the 2020 NAEP Annual Conference and Training Symposium in sunny Fort Lauderdale! For more information visit: www.naep.org



Florida Beacon

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NAEP Conference Coming to Ft. Lauderdale in May 2020

The FAEP and SFAEP are excited to host the 2020 NAEP Conference and Training Symposium at the Westin Fort Lauderdale Beach Resort in Fort Lauderdale, Florida, on May 18–22, 2020! The 2020 Conference will feature workshops, and special sessions of national and Florida concern, as well as a special Women in STEM session. We are pleased to announce that keynote presentations will be made by Florida's Chief Science Officer Dr. Thomas K. Frazer, Florida's Chief Resilience Officer, Dr. Julia Nesheiwat, and Edward (*Ted*) *Boling*, the Associate Director for National Environmental Policy Act at the President's Council on Environmental Quality.

Prior to the conference, there will be an Advanced NEPA Training Workshop at a discounted rate for conference attendees, as well as a Career Development Workshop. We are also planning some exciting tours to take place during the conference, including a riverboat tour, a bus tour of environmental initiatives at Port Everglades and FDOT highway infrastructure and mitigation projects in Broward County, an urban coastline walking tour, and a sea turtle walk.

Sponsoring or Exhibiting at the NAEP Annual Conference is an excellent way to publicize your company's name and products to a diverse audience of environmental professionals from Florida and throughout the United States! Sponsorship and exhibiting opportunities are available now. Hotel reservations at the discounted NAEP rate of \$179 per night can also be made at this time. The full conference schedule and registration will be available in January. For more information visit the conference webpage [here!](#)



National
Association of
Environmental
Professionals

Be Connected

All Sponsors and Exhibitors will receive:

Recognition in the exhibit/meeting area
Recognition on the screen before general sessions and luncheons

Platinum Sponsors | \$10,000

- Company branding on all printed materials throughout the conference
- Your logo on the NAEP website plus a link to your website
- Recognition as a major sponsor of your choice of Welcome Reception or President's Reception. Recognition is first come first serve.
- First choice of exhibit table placement
- Three (3) full conference registrations
- Recognition as a major sponsor on the conference app
- Pre- and post-conference attendee lists (excluding opt-outs). Attendees to be contacted no more than two (2) times.

Gold Sponsors | \$7,500

- Your logo on the NAEP website plus a link to your website
- Recognition as a major sponsor of your choice of Keynote Session. Recognition is first come first serve.
- First choice of exhibit table placement
- Two (2) full conference registrations
- Recognition as a major sponsor on the conference app
- Pre- and post-conference attendee lists (excluding opt-outs)

Silver Sponsors | \$5,000

- Your logo on the NAEP website plus a link to your website
- Recognition as a major sponsor of your choice of Plenary Session. Recognition is first come first serve.
- First choice of exhibit table placement
- One (1) full conference registration
- Recognition as a major sponsor on the conference app
- Pre- and post-conference attendee lists (excluding opt-outs)

Bronze Sponsors | \$2,500

- Your logo on the NAEP website plus a link to your website
- Exclusive sponsorship of a breakout room with in-room recognition and a literature display table
- Complimentary exhibit table
- One (1) full conference registration
- Half-page advertisement in the attendee registration packet
- Recognition as a major sponsor on the conference app
- Pre- and post-conference attendee lists (excluding opt-outs)

Exhibitor Options

- Table Top | \$1,500
 - 6ft table with chairs and trash can
 - 1 (one) conference registration
- Additional Rep at Table | \$150

Other Sponsorship Opportunities

The following sponsorship levels include recognition on the conference app and signage onsite:

- Lunch Sponsor | \$1,500
- Coffee/Snack Break Sponsor | \$1,000
- Room Sponsor | \$750
- Partner Sponsor | \$300
- Lanyard Sponsor | \$3000
 - Sponsor to produce 450 lanyards and send them to NAEP Office for approval. Sponsor will then manufacture and ship to the conference venue.

Florida Beacon

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TBAEP & CFAEP 3rd Annual Golf Tournament

When

Friday, March 6, 2020
12:30 to 6:00 PM EST

Where

Huntington Hills
Golf and Country Club
2626 Duff Road
Lakeland, FL 33810
[Driving Directions](#)

GAME ON!

Single Player - \$100
Foursome - \$350

Mulligans for Sale!

RSVP by February 28, 2020

[Register Now!](#)

March
6th



CFAEP

**12:30 PM
Shotgun
Start**

**THIRD ANNUAL
GOLF
TOURNAMENT**

- **Sponsorship Opportunities**
- \$500 – Tournament Sponsor (Includes foursome)
- \$150 – Hole Sponsor
- \$250– Hole Sponsor w/Personnel
- \$350 – Beverage Cart Sponsor
- \$150 – Longest Drive sponsor
- \$150 – Closest to Pin sponsor
- \$350 – Putting Contest sponsor

Proceeds will go to support both chapters with their charitable efforts.



Florida Beacon

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Treasure Coast Chapter News

~Authored by Chelsea Bennice, Florida Atlantic University~

Beautiful South Florida has an underwater treasure in its backyard. However, this treasure is no secret and is shared by many beach goers, snorkelers, fishermen, scuba divers, and ocean lovers. Blue Heron Bridge (BHB), within the Phil Foster Park portion of the Lake Worth Lagoon, Riviera Beach, is known for its rich biodiversity of the weird, cute, and charismatic sea creatures. One might imagine diving a coral reef to see such amazing animals; however, this shallow-water lagoon is mostly sand, rock, and rubble and is considered a “muck” dive. Artificial reefs have been added to increase the biodiversity at BHB. In a single dive one may encounter a juvenile green turtle, frogfishes, batfishes, seahorses, colorful nudibranchs, sting rays, and octopuses!

Did you know octopuses inhabit the Lake Worth Lagoon? And there’s a lot of them! Marine biologist, Dr. Chelsea Bennice, recently discovered how two octopus species utilize different resources to allow coexistence. Bennice examined the following for the common octopus (*Octopus vulgaris*) and the Atlantic longarm octopus (*Macrotritopus defilippi*): spatial distribution of home or “den” space, habitat association, abundance, foraging activity period, diet, and associated substrate(s) and behaviors used during foraging events. Answering these research questions meant spending a lot of time underwater; roughly 400 hours of scientific diving. As a field biologist, Bennice was up for the challenge and had no problem spending time at this underwater science treasure!

During research dives, octopus den locations were marked by GPS to determine spatial patterns of both species. Habitat associations were measured by photo-quadrats of octopus habitats. For activity periods, an octopus monitoring gadget (OMG) was placed near an octopus den for 24-hour video observation to determine when each octopus species foraged. Prey remains from octopus’ dens and video recordings were used to gather information on octopus’ diets. Bennice video recorded octopuses on foraging events to determine associated foraging substrates and behaviors for both species.

From many hours spent underwater, Bennice discovered that these two species inhabit the same general areas and inhabit the lagoon year-round, but they are both most abundant during spring months (March, April, and May). During spring months, Bennice would count 5-10 octopuses of each species on one dive! Although the two species inhabit the same general area, their den and surrounding habitat association differed. The common octopus was associated with hard bottom (rock, rubble, shell) and the Atlantic longarm octopus was associated with soft bottom (sand). With different den habitats and the heterogeneous composition of BHB, these two species can be underwater neighbors. Each species used different foraging strategies and consumed different prey. The common octopus was nocturnal, foraged mostly on hard bottom, and mainly consumed bivalves while the Atlantic longarm octopus was diurnal, foraged mostly on soft bottom, and mainly consumed crustaceans. Octopuses also had species-specific foraging behaviors, with the common octopus using parachute attack (when an octopus pounces on a feeding spot and simultaneously spreads its arms and arm web) and the Atlantic longarm octopus using flounder swimming (when the octopus positions its arms around its body and swims to mimic the flounder) and tripod stance (when the octopus stands tall on its arms and views its surroundings). These additional resource partitioning mechanisms aided in the coexistence of these octopus species.

Understanding octopus ecology can help us better understand the environmental requirements multiple octopus species need to coexist. This is important because it is common for multiple species to inhabit one area and shallow-water octopuses are major predators of benthic communities and serve as prey for top predators of many marine food webs. The end of this four-year study provided insight to octopus ecology and has also raised questions! With such an important role in marine food webs, octopuses must remain healthy. Most octopuses observed in the wild do not have bacterial infections. Evidence suggests that bacterial communities (aka “microbiomes”) can limit the growth of the harmful bacteria and protect octopuses; however, this has yet to be explored! Bennice’s next research project will be to characterize the bacterial community that forms the octopus’s



skin microbiome, which may be protecting the octopus from infection. Want to learn more about octopuses, their relatives, and octopus research? Follow Bennice on her educational outreach platforms: Facebook (Octo Girl) and Instagram (The Octo Girl). All Photos credited to Chelsea Bennice.



Tampa Bay Chapter News

Bowling Event

On November 22nd, the TBAEP held a social event at Pin Chasers Bowling in Tampa. Twenty adventurous folks joined in the fun, one individual who had never bowled before! There were some new faces as well as individuals that frequently attend our Chapter's events.

Over two hours, everyone played at least one game. Due to the smaller, more intimate format, participants had the opportunity to really get to know one another. With an event as hands-on as bowling, it was nearly impossible not to meet new people! Overall, it was fairly easy to put the event together and facilitate the day of the event, the event logistics were fairly simple.

Sponsorships from Lewis Environmental and Pritchett Steinbeck Group covered the cost of bowling and shoes. Pine Environmental provided food. As new individuals arrived at the event, they joined in with teams that had already started playing. A lot of positive feedback was received during the event. Hopefully, everyone made some lasting connections!

TBAEP Scholarship

The TBAEP Scholarship fund grew by another \$8,358 this year! At the end of each fiscal year, and after a new budget has been approved by the TBAEP Board, the Board had a discussion on what to do with the extra funds received during the previous year. As in past years, and according to the TBAEP Strategic Plan, the Board voted to use the funds to add to the Association's Bill Streilein Scholarship Fund.

In order to provide some historical context, the TBAEP Scholarship fund started in 2004 with a zero balance and jumped to a whopping \$27 by January 2005! Upon formation of the Scholarship Fund, named for Bill who was tragically killed that year in an automobile crash, the Board voted to contribute \$1 from membership dues for everyone who joined or renewed each year. In 2007, the Board voted to increase that contribution to \$5 from each members' dues. Scholarships have been awarded yearly to Rising Stars, typically student chapter leaders. Contributions to the account come from several sources each year including membership dues, raffles, special fundraising events, silent auctions, and the extra operating funds. The largest amount added to the fund in one year was \$10,386 in 2018! Over the years the TBAEP Board members have remained very fiscally conservative and the scholarship fund is now over \$90,000!!! The Board's target is \$100,000 to set up an endowment fund that provides scholarships from the interest earned on the principal each year-never dipping into the fund's principal and providing scholarships into the future.

Florida Beacon

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Tallahassee Chapter News

What Being Part of Florida Association of Environmental Professionals Has Done For Me

By Elva Peppers, President of Florida Land Services Inc.

Way back in 2012, I was attending a small class with other biologists and someone mentioned the FAEP and how they participate in their area. They were looking for someone to rekindle the chapter in Tallahassee. I really did not know much about it and was not participating in any other professional organizations either, so the concept was new to me. Very reluctantly I let this person know that I would be interested, or more accurately, willing, to help get things going for a Tallahassee chapter. Since that time, I can say that being in the FAEP has improved my career in so many ways, including education, employment opportunities, networking, leadership development, mentor opportunities, meeting new people, and volunteer opportunities.

Prior to joining the FAEP, I had my own small business and was not venturing out to learn about things that were important to my profession, such as technology, new or proposed laws, and who were the key players in agencies or organizations that I worked with. I was very busy working in my business, but was not looking at the bigger picture, which would help me help my clients. Looking back, I now see that I had a narrower vision, but attending luncheons and conferences added such a wider lens that allowed me to serve my clients better, educate my coworkers and learn about potential projects, methods or technology that interest me.

When I look at a resume of a potential job applicant, it lists a person's education and prior job descriptions, which give a sense of what that person has done. Adding professional organization memberships to one's resume tells me, as a potential employer, some additional information about a candidate. What it tells me is that this person is interested in their career enough to put time into improving their knowledge about their career and is willing to put personal time into improving themselves in their field without compensation.

Networking has been the number one benefit of joining the FAEP for me. Sometimes I play a game with one of my oldest employees where we try tracing a client back through who referred them, and who referred them, to find the original client. In my business, I like to say that, "you don't need me until you need me," because it's almost all referral based. Networking has allowed my business to grow significantly. Participating in a professional organization is one of the best ways to gain referrals, find help, and ask advice in an informal (and free) context. I will briefly mention here that it's also a great way to make friends. I have many friends that I have made through the organization that I now socialize with and we often do not even discuss work topics because we are too busy...(insert any number of fun activities here).

Being a leader and mentor is a way that I like to give back, furthering the mission of the organization, for all the reasons described in this article, and helping others who are just getting started. It's not simple to have inexperienced help in a very small company such as mine, but because it's important to me, it's worth it. I have had many college students who have worked for me on a temporary basis. Some of them loved it and some of them found out they didn't like some of what we do at this company (e.g. 100+ degrees in August, no breeze). These are important things to know before they finish their education and certainly before they choose a career. When I was a new college graduate, I went to a career presentation at FSU and learned about a job that I did not know existed, and here I am 28 years later, still doing that job and loving it! I am proof that having some guidance is so important.

Lastly, I am a firm believer in putting personal time towards community. The community could be the residents of Tallahassee, the state, the planet, or the community of manatees at the Wakulla River. The FAEP organizes community service events that make it easier and more enjoyable to be a responsible part of our community. Whether it is cleaning up trash at the city park, donating funds to the wildlife museum or picking up garbage out of the river to keep it from harming the wildlife, I enjoy having the opportunity to make my community a better place and doing it with friends.

The FAEP is an organization that I believe in and will continue to participate in. I would encourage anyone to join, renew and recruit others to join. The cost for annual membership is very economical and with the 2020 National Conference being held in Florida, there is no better time to sign up than now!

DEP Environmental Crimes Unit Makes Arrest in Central Florida

~Ronald Weeks of Groveland arrested in illegal tire dumping case ~

FDEP's Central District Environmental Crimes Unit arrested Groveland resident and owner of Ron Weeks – Tire Disposal and Sales. Weeks was charged with one felony count of littering for commercial purposes and economic gain; one misdemeanor count of nuisance injurious to health; and operating without a permit.

On Monday, Dec. 12, 2019, following a complaint, DEP law enforcement and regulatory staff conducted an inspection of the Ron Weeks – Tire and Disposal Sales site located at 1233 Youth Camp Road, Groveland, Florida.

Upon arrival, inspectors and law enforcement agents observed an assortment of over 10,000 units of waste tires, with water in most of the tires.

“Governor DeSantis has made it clear that enforcement of the state’s environmental laws is a top priority and we take this charge very seriously,” said DEP Secretary Noah Valenstein. “Since last July, DEP’s new Division of Law Enforcement and Emergency Response has effectively joined forces with our regulatory staff to ensure protection of the environment and public health and has resulted in over 75 felony and misdemeanor charges.”

DEP will hire a contractor to remove the waste tires and transport them to an approved disposal facility. Recovery of cleanup costs will be pursued through the legal process.

“We will not tolerate purposeful harm to the environment or threat to public health,” said DEP Central District Director Aaron Watkins. “I am proud of the efforts of these teams in the identification of these environmental crimes and ensuring they are being appropriately addressed.”

On January 10, 2020, Governor Ron DeSantis issued Executive Order 19-12, Achieving More Now for Florida’s Environment, which directed the transfer of the Environmental Crimes Enforcement Unit from the Florida Fish and Wildlife Conservation Commission back to DEP to better align resources focused on environmental protection and ensure strong enforcement of Florida’s environmental laws.

From: FDEP Press Release

Science Shorts ~ NPR Short Wave ~ the Science Behind the Headlines

What’s Behind Australia’s Historic Fires	Biologist Lesley Hughes from Macquarie University in Australia explains why the recent bushfires there could change the country forever. Hughes is a former federal climate commissioner and has been the lead author on two reports for the UN’s Intergovernmental Panel on Climate Change.
The Link Between Kitchen Countertops and a Deadly Disease	It’s called silicosis and it’s been known about for decades. So why is it now emerging in new numbers among workers who cut kitchen counter tops?
Food Waste + Poop = Electricity	Some dairy farmers in Massachusetts are using food waste and manure to create renewable energy. Each farm produces enough to power about 1,500 homes. Not only does this process create electricity, NPR Science Correspondent tells us it also prevents the release of methane, a greenhouse gas.

Florida Beacon

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Southwest Chapter News

The Southwest Chapter is ready to make 2020 the best year yet for our members! Starting out the year, we are hosting the 1st Annual Sub-tropic Exotic Biotic Round-up! The contest is open to active members of the FAEP statewide. The contest will run from January 15th to February 15th. Specimens submitted for the contest must be capture and/or photographed within that timeframe. Entries can include any animal species (vertebrate or invertebrate) not historically native to the state of Florida or its surrounding coastal waters, captured or photographed within the State boundary or coastal waters. Contestants must be able to produce GPS coordinates for each entry as well. The contest will be won by the person who documents the greatest number of non-native species within the timeframe. Prizes are awarded to the top three contestants with a first-place prize of \$100 and ownership of the coveted Golden Python Trophy! Bonus points will be awarded for wearing any FAEP swag in your photos, longest distance traveled, strangest specimen/pigmentation/pattern, and an extra bonus for new species recorded in Florida. The SWFAEP will also be hosting a cookout at the end of the contest, so bonus points will be awarded for recipes as well!

Also, in January, please join us for our mini-golfing social to be held on January 31st at Evie's Family Golf Center in Sarasota. Other events to look forward to are Wilderness First Aid training, swamp walks through Big Cypress National Park, lunch and learns featuring speakers from Florida Gulf Coast University, Mote Marina Aquarium, and more.

The SWFAEP will be hosting a year-long member appreciation contest as well. The member who participates in the most events will win a Yeti cooler full of local swag. Points can be accumulated by participating in events, bringing friends and encouraging them to join SWFAEP, organizing your own event (i.e. a beach clean-up or other community service event, or training seminar), tagging SWFAEP in social media posts etc. Please check our [website](#) for additional details about all the exciting things coming in 2020 from the SW Chapter!



Environmental Science
and Engineering

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407-426-7885

Contact Us for More Information
David Boggs (david@drillprollc.com)
Todd Hodgson (todd@drillprollc.com)

**The 2020 NAEP Conference
and Training Symposium
Schedule-at-a-Glance
is now available!!!**

Florida Beacon

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Upcoming Conferences and Workshops

Event	Date	Place
26 th Annual Public Interest Environmental Conference	Feb. 6 – 8, 2020	Gainesville, FL
NGWA, Groundwater Fly-In and Water Resources Congressional Summit	March 3 – 4, 2020	Washington D.C.
33 rd Southeast Recycling Conference and Tradeshow	March 15- 18, 2020	Destin, FL
National Stormwater Symposium 2020	March 15 – 17, 2020	Cincinnati, OH
2020 American Membrane Technology Association Conference	March 16 – 20, 2020	Phoenix, AZ
2020 Georgia Association of Water Professionals Industrial Symposium	March 17 – 18, 2020	Callaway Gardens, GA
Building Energy Boston Conference	March 24, 2020	Boston, MA
American Society for Environmental History 2020 Conference	March 25 – 29, 2020	Ottawa, Ontario
League of Environmental Educators in Florida	March 28 – 29, 2020	Umatilla, FL
Environmental Information Assn. 2020 National Conference & Exposition	March 28 – April 1, 2020	Seattle, WA
Sustainable Water Management Conference	March 29 – April 1, 2020	Minneapolis, MN
Clemson Hydrogeology Symposium & Field Trips	April 1 – 3, 2020	Clemson, SC
SAME 13 th Symposium on Design & Construction Issues at Hazardous Waste Sites	April 1 – 3, 2020	Philadelphia, PA
Clean Waterways 2020	April 7 - 9, 2020	Indianapolis, IN
2020 Watershed & Stormwater Conference	April 14 – 17, 2020	Austin, Tx
23 rd Annual EUEC Energy, Utility & Environment Conference	April 20 – 21, 2020	San Diego, CA
National Association of Environmental Professionals/FAEP	May 18 – 22, 2020	Ft. Lauderdale, FL
Society of Wetland Scientists 2020 Annual Meeting	June 7 – 11, 2020	Quebec City, Canada
AWWA Annual Conference & Exposition	June 14 – 17, 2020	Orlando, FL
Florida Association for Water Quality Control	June 17 – 19, 2020	Naples, FL
Florida Stormwater Association Conference	June 17 – 19, 2020	Sanibel, FL
A&WMA 2020 Annual Conference and Expo	June 29 – July 2, 2020	San Francisco, CA
34 th Annual Environmental Permitting Summer School	July 21 – 24, 2020	Marco Island, FL
ASME Power Conference & Nuclear Forum	August 2 – 6, 2020	Anaheim, CA
Annual Georgia Environmental Conference	August 26 – 28, 2020	Jekyll Island, GA
Advanced Clean Energy Summit 2020	September 14 – 15, 2020	Denver, CO
Association of Water Technologies Annual Convention & Expo	Sept. 30 - Oct. 3, 2020	Louisville, KY
American Institute of Professional Geologists National Conference	October 3 – 6, 2020	Sacramento, CA
AEHS Foundation, 36 th Annual Conference on Soil, Water, & Energy	October 19 – 22, 2020	Amherst, MA
NGWA 2020 Groundwater Week	December 8 – 10, 2020	Las Vegas, NV

FAEP shares information about conferences pertaining to the environmental professions. FAEP does not endorse any of the referenced conferences.

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LLW-LAW.com

One thing you can do: Help to preserve forests

When we make a mess in the kitchen, many of us reach for paper towels without sparing thought for where those crisp white sheets originated. If you're in North America, some of the fiber in your paper towels (and other tissue products like toilet paper) probably started off as a tree in the boreal forest of northern Canada, one of the last big, intact forests in the world.

Boreal forests stretch across Canada, Alaska, Siberia and Northern Europe, and, together, they form a giant reservoir that stores carbon dioxide. That's important, because that carbon would otherwise be released into the atmosphere and contribute to global warming. Collectively, boreal forests lock away about 703 gigatons of carbon in woody fibers and soil. Tropical forests, by comparison, store about 375 gigatons of carbon. These are tough times for forests, though. Because of climate change, they're highly susceptible to wildfires, like the ones in Australia, and pest infestations. So anything we can do to keep them intact is good.

Trevor Hesselink, director of policy and research at the Wildlands League, a Canadian conservation organization, said it's important to weigh the value of paper products against the value of intact forests. "If you are thinking through a carbon lens, those single-use products are very short-lived." For more click [here](#).

New York Times Climate Forward

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FAEP Group Discount Memberships

Did you know that FAEP provides a discount on our membership to employers who have 5 or more members? If your company or organization qualifies for the Group Membership you save \$5 on each FAEP new member or renewing member, lowering the FAEP membership fee from \$40 to \$35 for everyone from your company or organization. If your company or organization is on this list, you are eligible to join or renew at the discounted Group rate. Some of our member organizations renew all of their employee-members at the same time with a single payment. The FAEP Board would like to extend a thank you to the following employers for supporting their employee's professional development and the FAEP mission:

AECOM	Cummins Cederberg	GeoSyntec Consultants	Orange County EPD
Atkins	DRMP, Inc.	HSW Engineering	Terracon
Bio-tech Consulting, Inc.	Earth Sciences, Inc.	Jacobs Engineering	TetraTech, Inc.
Broward County	EarthBalance	Johnson Engineering Inc.	Turrell, Hall & Associates
Cardno	Flatwoods Consulting Group	Mosaic	USF
Clark Environmental	Florida Water Management Districts	MSE Group	Wantman Group. Inc.
	FDEP		

Interested in advertising to almost 2000 Environmental Professionals in the FAEP's newsletter and on our website?
One year sponsorships also get your Organization logo on our webpage!

Sponsorship Rates

Size	One Issue	One Year Plus Logo on Website
Biz Card	\$35	\$100
¼ Page	\$100	\$375
½ Page	\$175	\$650
1 Page	\$250	\$900

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