

The BRIDGE

Environmental Connections Start Here

March 1, 2023 | Spring - Volume 23.1



MISSION STATEMENT

The purpose of the Pennsylvania Association of Environmental Professionals is to promote environmental education, research, planning, assessment, review, and management through the formation and operation of a nonpolitical multidisciplinary professional society.

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PAEP is a member of NAEP, the national organization for environmental professionals. Click below to view news from the national perspective.



Photographers...

We are looking to update our photos for "the Bridge", our website, and other publications as they may arise. Pictures can be anything you feel you want to share- action, static, streams, construction, pollution, remediation, etc.. If you can, give us some background info, like, the photographer's name, Company name, date of photo, and location.

Submitted photos can be used by PAEP without compensation consideration. The above photo credits will be included if provided. Please submit to info@paep.org.

Meet our newest Board Member, Joseph Snavely!

Joe has over 22 years of experience in coordinating and managing commercial, oil and gas, infrastructure, transportation, pipeline, mining, and utility development projects throughout Delaware, Maryland, New Jersey, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia, and South Carolina. He has extensive experience in wetland delineation; forest stand delineation; environmental permitting; freshwater fish, mussels (Atlantic Slope and Interior Basin species), and macroinvertebrate collection and identification; water quality collection and analysis; threatened and endangered species coordination (Mid Atlantic Region); mitigation siting and planning; strategic planning; regulatory compliance; and agency consultation as they apply to each project.



In addition, he has developed a wide variety of experience using interdisciplinary approaches to the negotiation and acquisition of State Programmatic General Permits (MD/PA), Joint/Individual Section 404 USACE Permits, Section 401 Water Quality Permitting, Section 9 and 10 Navigable Waters Coordination, and Delaware Sub-aqueous Lands Permits. He is well versed in oral and written communications for technical reporting, project scoping, budget and personnel management, and regulatory agency coordination for a variety of transportation, infrastructure, land development, utility project needs.

He enjoys the challenge of large complex project initiatives and strategic sector planning. His diversified and integrated skill set provide a unique and valuable addition to the planning, coordination, and compliance of projects, clients, and agencies over a variety of market sectors.

"The people have a right to clean air, pure water, and to the preservation of the natural, scenic and esthetic values of the environment. Pennsylvania's public natural resources are the common property of all the people, including generations yet to come. As trustee for these resources, the Commonwealth shall conserve and maintain them for the benefit of all the people."

...Article 1, Section 27, Pennsylvania Constitution

"the BRIDGE" is the newsletter of the **Pennsylvania Association of Environmental Professionals** and strives to provide its members with current, useful and unbiased information that will improve their ability to offer quality consultation and appropriate solutions to their clients. To make sure you receive these publications, be sure to **allow email from info@paep.org** to be accepted.



Welcome, new and returning members!

If you know any past members who have yet to renew their memberships, please encourage them to rejoin. Let them know their grace period has ended and they no longer have access rights, privileges or benefits to the members-only website programs and information. Tell them to contact the Board office at info@PAEP.org.

New Members joining us are:

Isaac Crawford – student
Jill Felker – student
Dylan Hedrick – student
Kaitlin Bomboy – Johnson, Mirmiran & Thompson
Kanwal Chopra – American Geotechnical & Environmental Services
Elizabeth Dubnicay – GAI Consultants
Vincent Gray - TRC Companies
Tim Hintz
Chris Holdridge – HDR
Nelson Klitzka – PPL Electric Utilities
Marcia Kodlick – NTM Engineering
Michael Logan – Compliance Plus Services
Shanna Mulford – Navarro & Wright Consulting Engineers
Emily Phelan – NTM Engineering
Amber Snavelly – Waterland Solutions
Ryan Szuch – PA DCNR
Eric Turkovich

The PAEP Board of Directors encourages you to invite past members, non-members, and industry colleagues to join our association.

PAEP BOARD

Vlad Odarchenko – President
Barbara Weedon – Vice-President
Radhika deSilva – Secretary
Deb Poppel – Treasurer
Mike Parrent
Joe Musil
John R. Smith
Joe Snavelly
Jan Warnick

Since we last chatted...



Check out our free webinars available to all our members, on the [PAEP website](#). They can be used to satisfy your PDHs. Not a member? You can view any of our webinars for \$25.

Past Monthly Webinars – December thru February:

- December 16 - **Offshore Wind and the Environmental Professional**, presented by Katie Eberhart, Senior Environmental and Permitting Specialist at Ørsted.
- January 12 – **Repurposed Materials**, presented by Damon Carson of Repurposed Materials, Brighton, CO.
- February 23 – **The Promise of Offshore Wind Power on the US East Coast**, presented by Amardeep Dhanju, Ph.D., AECOM

Past Months' Events:

- The Central Section had a Holiday gathering at the ALS of Hampden/Pizza Boy Brewing in Enola on the evening of December 7. A great time was had by all who attended *...even though everyone had to pony up for their own libation. But, as you can see, they all partied hearty. Everyone went home broke.*



Looking ahead...



If you have an idea for a future webinar you would like to have offered or a type of event you'd like to attend, contact PAEP at info@PAEP.org.

Webinars:

- April 18 - **Sustainability Disclosure Trend**, presented by Kimberly Long, Senior Manager, Corporate Sustainability for ERM.
- May 3 – **Environmental and Permitting Aspects of Offshore Wind Projects**, presented by Amardeep Dhanju, Ph.D., AECOM
- May 16 – **Planning for the Future of Coastal Louisiana: The 2023 Coastal Master Plan**, presented by Eric D. White, P.E., Research and Planning Division of the Louisiana Coastal Protection and Restoration Authority.

Events:

WTS/PAEP Golf Outing

Save the date!!! The annual WTS/ PAEP Scholarship Golf Outing is scheduled for Friday, May 5th, at the Valley Green Golf Facility. See all you duffers there!



Other possible event: Mini-Golf Outing; Bowling; Axe-Throwing and/or Skeet-Shooting Fundraiser; Corn-Hole Tourney. *Let us know your favorite!*

P2E2 Roundtable

Sharing Knowledge is one of the great challenges facing any organization. Getting the appropriate information into the hands of the right person is key to facilitating educated decision-making. The roundtables are a proven way of meeting this challenge.

Through networking with peers, Pollution Prevention / Energy Efficiency (P2E2) Roundtables provide your company with valuable information that can help to increase your bottom line, improve product quality, increase production and energy efficiencies and reduce environmental liabilities. Meetings include formal presentations and plant tours, as well as networking and informal information sharing among members.

P2E2 roundtables provide a forum for business and industry to meet face-to-face on a regular basis to discuss the implementation of pollution prevention and environmental improvement programs, exchange ideas about successful and unsuccessful environmental approaches and techniques, hear about new environmental initiatives and provide input to environmental programs.

The P2E2 Roundtable of PAEP is a dedicated group of individuals who are committed to each other's understanding of environmental and sustainable concerns, willing to assist and mentor others and transfer the wealth of knowledge gained from years of interaction and peer to peer exchanges into something better and even more exciting to benefit Pennsylvania, the environment, and our communities.

We are seeking like-minded individuals to join us to learn and advance new technologies in the continual strife to maintain a clean, safe environment for us to survive.

Contact one of the below listed:

Mike Parrent (MLParrent@comcast.net),

Jan Warnick (janet.warnick3.civ@army.mil),

Joe Musil (jfmusil@msn.com), or

PAEP Business Office (info@paep.org)

for additional information or to contribute to this committee.

PAEP

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Environmental News Releases

Check out the latest articles on environmental issues:

The train derailment has the East Palestine community and the rest of the country concerned about transporting hazardous waste, level of clean-up required, and adequacy of regulatory safeguards. The links below provide updates regarding the site and various opinions. Note that PAEP does not endorse any of these opinions.

- [East Palestine Train Derailment](#) - EPA
- [Plan to incinerate soil from Ohio train derailment](#) - The Guardian
- [Independent lab testing finds elevated level of chemical...](#) - Microsoft News
- ["Everything in the creek is dead"](#) The Ohio DNR has reported that more than 10 times the number of animals originally reported have died in and around East Palestine since February 3rd.

Links to other newsletters:

[DEP Newsroom](#) – Pennsylvania Department of Environmental Resources News Releases

[PA Environment Digest Newsletter](#)

[PennEnvironment](#)

[Pennsylvania Environmental Council](#)

[Conservation Voters of PA](#)

We all are aware of the unintended impacts anthropogenic activities have had on numerous species throughout the world. Right here in Pennsylvania we have experienced the alarming reduction of once-plentiful species of Flora and Fauna, both terrestrial and aquatic based. Some of these species are being replaced by invasive organisms introduced by accident or purposely into our environment resulting in serious unplanned consequences. Keep your eyes peeled for these species during your daily endeavors.

Pennsylvania Endangered and Threatened Species Series

Several species of bats naturally found in Pennsylvania and once plentiful here and throughout their large habitat range are rapidly becoming endangered to the point of extinction. They have just been named to the Federal Endangered Species List. Just a few years ago these bats were found in large numbers – that is until the White-nose Syndrome, a deadly fungus first discovered in 2016 in New York, made its debut. There is no cure for this fungus and now this pestilence has spread to the entire northern long-eared and tri-colored bat range, an area covering most of the east North American continent and stretching from southern Canada through Mexico.



Northern Long-eared Bat
(*Myotis septentrionalis*)



Tri-colored Bat
(*Perimyotis subflavus*)

Their significant numbers have been decimated 90% to 100% of their pre-fungal invasion counts in most areas, and the virus threatens to eliminate these species entirely if successful strategies to control it are not found very soon.

The Northern long-eared bat is distinguishable by its long ears, while the Tri-colored bat is notable for its diminutive size.

Besides these two, the Little Brown bat (*Myotis lucifugus*) has been adversely affected by the White-nose Syndrome, as well, being decimated as much as the Northern Long-eared and Tri-colored bats whose habitats they share. The Little Brown bat has a significantly larger habitat range that keeps it off the federal endangered species list, though it is listed on Pennsylvania's endangered species list. See links below for more info.

<https://www.fws.gov/press-release/2023-01/effective-date-reclassify-northern-long-eared-bat-endangered-extended>

<https://www.environmentallawandpolicy.com/2023/01/fws-finalizes-nleb-uplisting-and-advances-tricolored-bat-listing/>

<https://www.fws.gov/species/tricolored-bat-perimyotis-subflavus>

Our 2023 Corporate Sponsors:

(as of March 1, 2023)

ACT Engineers

ASA Analysis & Communication

McCormick Taylor

Rettew

Pennsylvania Invasive Species Series

Spotted Lanternfly (*Lycorma delicatula*) update

Since being identified in Pennsylvania in 2014, the Spotted Lanternfly has made significant inroads in the State. The Pennsylvania Department of Agriculture declared in late February the counties of Butler, Clearfield, Clinton, Fayette, Lawrence and Somerset infested with this pest. Fifty-one of the 67 counties are now under quarantine rules.

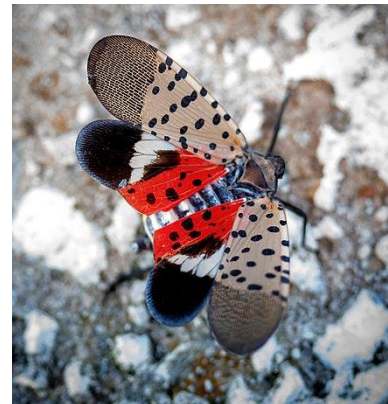
[Penn State has estimated the Spotted Lanternfly has cost the State \\$99.1 million in agricultural losses, and \\$236.3 million to the forestry industry, annually.](#) The annual losses are projected to climb to \$554.0 million, along with the loss of 4,987 jobs.

The quarantine prohibits the intentional movement of the insect and affects a variety of products including, but not limited, to the following:

- Landscaping, remodeling or construction waste
- Logs, stumps or any tree parts
- Firewood of any species
- Grapevines for decorative purposes or as nursery stock
- Nursery stock
- Packing materials such as pots, crates, pallets, etc.
- Outdoor household articles including recreational vehicles, tractors and mowers, grills and furniture and their covers, tarps, mobile homes, tile, stone, deck boards, mobile fire pits, any associated equipment and vehicles not stored indoors.

A positive aspect to the Spotted Lanternfly is that it produces honeydew secretions that are gathered by bees. The honey created by bees who have ingested this secretion has a beneficial change of flavor to the honey produced.

See also: <https://www.msn.com/en-us/lifestyle/pets/pennsylvania-adds-6-more-counties-to-spotted-lanternfly-quarantine-what-to-know/ar-AA17Udo9> (Feb 24, 2023, Matt DiSanto, Centre Daily Times)



Become a Corporate Sponsor for the next Volume of the Bridge



Just \$25 will ensure your company's logo place in the next edition, which is distributed to all members! Contact the [Business Office](#) for details and to register your company. (First come, first served. Only 6 companies can sponsor each quarterly issue).