

Pennsylvania Society of Professional Engineers Philadelphia Chapter

Presents

The Penn State Living Filter

Thursday April 3, 2025

12:00 Noon to 1:30 PM

The Pennsylvania University had a problem on its hands when Spring Creek and its local tributaries, all world class trout streams, had a massive fish kill from cyanide released from a campus laboratory, and seasonal BOD and nutrient loading issues during the 1950's and 60's. Find out how land application became the solution of choice for the University's sewage problems and how Penn State has been able to handle all the sewage loads from its main campus and a portion of State College without a single gallon of effluent being released to surface waters since 1983.

Live Location: Pennoni, 1900 Market Street, Suite 300, Philadelphia, PA

Virtual Location: [Join the meeting now](#)

One (1) PDH will be earned and certificates issued suitable for most Model Law states.

Presented by:

Dr. Richard R. Parizek

Professor Emeritus of Geology and Geo-Environmental Engineering

From Research Assistant in Ground-water Geology in 1956, to Professor of Geology at Penn State in 1971, to becoming Emeritus Professor of Geology and Geo-Environmental Engineering, Department of Geosciences at Penn State in 2013, Dr Parizek has been one of the leading scholars in the world in the field of Environmental Geology. He is a founding member of Penn State's Living Filter Advisory Committee and has been active in the Committee's research, analysis, development and construction since 1961. Dr. Parizek is thus able to provide a first-person description about how the decision was made to treat the University's effluent through a spray irrigation system, the testing through an R&D Program, and expansion to a full 4 million gallons per day sewage treatment system.

The event is free to attend in person or virtually. All attendees desiring a certificate must register using PayPal and will be required to complete a course evaluation and answer questions from the content of the presentation. Please register by 4/1/2025.

FOR RESERVATIONS GO TO:

<http://www.pspe-philly.org>



The Course will be accredited for 1.0 Professional Development Hour. PSPE believes that the presentation will be accepted for credit in PA, NJ and other National Model states where courses do not require pre-approval.