



Wayne Carmichael

Virtual Lecture
APRIL 19, 2021

1:25 PM - 2:20 PM

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Wright State University presents The Wayne Carmichael Lecture In Environmental Sciences

DR. MARTA VENIER

**PAUL O'NEILL SCHOOL OF PUBLIC AND ENVIRONMENTAL AFFAIRS
INDIANA UNIVERSITY**

“PFAS: Forever chemicals, today’s problem”

WebEx Link:

<https://wright.webex.com/wright/j.php?MTID=mb00f3323eff57ca56680e938668b8641>



Abstract Per and polyfluoroalkyl substances (PFAS) are a group of more than 5,000 man-made chemicals that includes PFOA, PFOS, and GenX. PFAS have been receiving increasing attention at a global scale due to their widespread presence in the environment and negative effects on human’s health and biota. I will give a broad overview about PFAS including sources, fate and transport, and regulation. In particular I will present the concept of treating PFAS as a class for regulatory purposes. I will then present research conducted in my laboratory that examines the presence of PFAS in consumer products and environmental compartments including air and bald eagles.

Biography Dr. Marta Venier is an environmental chemist and Assistant Professor at the Paul O’Neill School of Public and Environmental Affairs at Indiana University in Bloomington, Indiana. In her research she employs analytical chemistry and mass spectrometry techniques to study the fate, transport, and behavior of persistent organic pollutants in the indoor and outdoor environment, including both legacy and emerging pollutants. Since November 2019, she has been leading the Integrated Atmospheric Deposition Network (IADN), a monitoring program funded by the U.S. Environmental Protection Agency.