

## **Addressing challenges of contemporary contaminants in the environment – Research and engineering practice**

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This presentation will focus on emerging contaminants released to the environment – air, water, sediment or soil – from municipal, commercial and industrial activities. Contaminants of interest include PAHs, PFAS, heavy metals, and petroleum hydrocarbons, components from landfills, sewage treatment plant effluents, industrial/remediation wastewater treatment plant discharges. Remediation challenges to be addressed include pitfalls, sustainable remediation issues and waste-to-resources. Research collaboration among academic, government and industry will also be discussed.