

## Overview of Chemicals of Emerging Concern

Contaminants of emerging concern or environmental emerging contaminants, are chemicals, products and materials that are detected with increasing frequency in all environmental media including surface, ground water and drinking water. Examples of these contaminants include pharmaceuticals and personal care products, microbeads and micro-plastics, flame retardants and endocrine disrupting chemicals. This talk will present an overview of the occurrence, detection and monitoring, hazard assessment, treatment and regulation of these CoCs. Non-regulatory approaches such as green chemistry will be presented as a proactive approach to designing less hazardous products and processes.