



OCEESA



Key Environmental Issue Webinar Series 4
for Overseas Chinese Environmental Engineers & Scientists Association
海外華人環境保護學會環境議題網上論壇(四)

Occurrence & Health Impacts from PFAS and Its Treatment Options & Challenges



May 2nd, 6:00-6:45 PM PDT
May 3rd, 9:00-9:45 AM 中国标准时间

by
Dr. YuJung Chang (张育荣)


Adjunct Professor at University of Washington, Vice President at CDM Smith

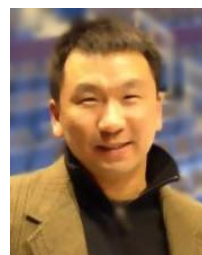
[Abstract] Per- and polyfluoroalkyl substance (PFAS) is a group of man-made chemicals that includes PFOA, PFOS, GenX, and many other fluorinated chemicals. PFAS is a collective term for thousands of perfluorinated chemicals that have been manufactured and used in a wide variety of industries around the globe, including in the United States since the 1940s. This presentation will provide the history of PFAS manufacturing/application, potential health impacts, updated regulation in the US at both Federal and the state level. Treatment options, with both conventional and emerging technologies, as well as associated challenges, particularly on the disposal of residuals from treatment processes will also be provided.

[About the Speaker] Dr. Chang has more than 28 years of experience dealing with the development and implementing advanced water treatment technologies for both municipal and industrial applications. He is currently a Vice President at CDM Smith, an elite engineering consulting firm in USA, as well as a Full Affiliate Professor at the University of Washington. Prior to joining CDM Smith Dr. Chang also served as Vice President at AECOM and HDR.

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Moderator: Dr. Sen Li (李森)

Technology Platform Leader at Eastman Chemical Company in Tennessee and the 2021 Public Outreach Chair of Northeast Tennessee Section of American Chemical Society (NETS-ACS).