Chesapeake Bay Program
Plastic Pollution Action Team
Web Meeting #4

Tuesday, January 19th, 2021
1:00 PM – 4:00 PM

Webinar Access Info:
https://global.gotomeeting.com/join/752672117

You can also dial in using your phone.
Phone number: +1 (786) 535-3211
Access Code: 752-672-117

Meeting Materials:
https://www.chesapeakebay.net/what/event/cbp_plastic_pollution_action_team_meeting_3

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Upcoming webinars and other information about plastic pollution:
We will provide this information on all future agendas for PPAT meetings. It is highly recommended that folks get on Clean Ocean Action's weekly microplastic article listserv. If interested, please contact Catie Tobin at CTobin@CleanOceanAction.org.

If PPAT members have any webinars, papers, new articles, funding opportunities etc. please forward to justin.shapiro@noaa.gov

Report

UNEP. 2020. Water pollution by plastics and microplastics: a review of technical solutions from source to sea. https://www.unep.org/resources/report/water-pollution-plastics-and-microplastics-review-technical-solutions-source-sea?utm_source=miragenews&utm_medium=miragenews&utm_campaign=news

Papers:

Daniel, D.B. et. al. 2021. Microplastics in edible tissues of shellfishes sold for human consumption. Chemosphere.
https://www.sciencedirect.com/science/article/abs/pii/S0045653520327491?dgcid=raven_sd_via_email

Galgani, L. & S.A. Loiselle. 2021. Plastic pollution impacts on marine carbon biogeochemistry. Environmental Pollution.
https://www.sciencedirect.com/science/article/pii/S0269749120362862?dgcid=raven_sd_via_email

Horton, A.A. et. Al. 2021. Semi-automated analysis of microplastics in complex wastewater samples. Environmental Pollution.
https://www.sciencedirect.com/science/article/pii/S0269749120365301?dgcid=raven_sd_via_email

Khalid, N. et. al. 2021. Linking effects of microplastics to ecological impacts in marine environments. Chemosphere.
https://www.sciencedirect.com/science/article/abs/pii/S0045653520327363?dgcid=raven_sd_via_email

Krause, S. et al. 2021. Gathering at the top ? Environmental controls of microplastic uptake and biomagnification in freshwater food webs.
https://www.sciencedirect.com/science/article/pii/S0269749120364393?dgcid=raven_sd_via_email
Ragusa, A. et. al. 2021. Plasticenta: first evidence of microplastics in human placenta. Environment International. https://www.sciencedirect.com/science/article/pii/S0160412020322297

Law, K. et al. 2021. The United States' contribution of plastic waste to land and ocean. Science Advances.
https://advances.sciencemag.org/content/advances/6/44/eabd0288.full.pdf

Setyorini, L. et. al. 2021. Tranfer and effects of PET microfibers in *Chironomus riparius*. Science of the Total Environment.
https://www.sciencedirect.com/science/article/abs/pii/S0048969720372661?dgcid=raven_sd_via_email

News:

Microplastics revealed in the placentas of unborn babies
https://www.theguardian.com/environment/2020/dec/22/microplastics-revealed-in-placentas-unborn-babies

What seafood lovers need to know about microplastics in mussels, oysters and scallops
https://www.today.com/health/microplastics-fish-seafood-plastic-bits-highest-mussels-oysters-scallops-t205081

AGENDA

1:00 Introductions and Announcements
Matt Robinson (DOEE) - Action Team Chair

1:10 Presentation on the Microplastic Monitoring and Science Strategy for San Francisco Bay
Dr. Diana Lin, Senior Scientist, San Francisco Estuary Institute

Link to the science strategy: https://www.sfei.org/sites/default/files/biblio_files/SFEI Microplastics_021517 highres.pdf

1:40 Presentation on Ecological Risk Assessments for Microplastics in San Francisco Bay

Dr. Wayne Landis, Director, Institute of Environmental Toxicology and Chemistry, Western Washington University

2:10 Presentation on Microplastic Research in Delaware Bay

Dr. Jonathan Cohen, University of Delaware

2:40 First Discussion on a Science Strategy for Microplastics in the Chesapeake Bay and Watershed

Matt Robinson, PPAT Chair, DC Department of Energy and Environment

3:30 Update on Project Schedule and Next Steps

Kelly Somers, PPAT Vice Chair, EPA Region III

4:00 Adjourn