

WELCOME TO THE MICROPLASTICS HEALTH EFFECTS WEBINAR SERIES

- **The meeting will begin at 8:00**
- **Please contact Paul Smith (pauls@sccwrp.org) if you are having connection difficulties**
- **Attendees will be muted until the public question period**
 - Please use the Q&A box to communicate with the host if you have questions
- **Webinar series will be recorded and placed on the SCCWRP web site**

MOTIVATION FOR THE WEBINAR SERIES

- **California has legislative mandates for microplastics management**
 - SB 1422 requires implementation of routine drinking water microplastics monitoring by 2021
 - SB 1263 requires development of a Microplastics Management Strategy for the California ocean by 2022
- **These mandates require addressing several scientific holes**
 - Agreeing to a definition of microplastics (done)
 - Standardizing methods for measuring microplastics (in process)
 - Developing a health effects construct for interpreting the data that will be collected
- **Webinar series is foundational for a workshop to address that third need**
 - 18 of the top people in the field are convening to develop scientific consensus
 - Online technology provides an opportunity to share the introductory talks with a wider audience

WEBINAR SERIES SCHEDULE

- **Five 2-hour sessions on successive Mondays starting Oct 19**
 - They are being recorded in case you can't make them all
 - You can find the recordings page by searching: SCCWRP microplastics health effects
- **Week 1: Management perspectives**
 - Management community leaders described the information they need from scientists to fulfill their legislative mandates
- **Week 2 (Today): Review of the scientific literature**
 - Three talks that will frame current knowledge as a starting point for workshop discussions
- **Weeks 3-5: Emerging science**
 - Nine talks by leaders in the field describing their recent research relevant to a health effects interpretational context

QUESTION FROM LAST WEEK

- **Can you tell me more about California's methods evaluation study?**
- **California has undertaken a methods evaluation study**
 - Blind samples were distributed to about 40 participating laboratories
 - Four matrices: Clean water, ocean water, fish tissue, sediment
 - Five methods being evaluated
- **Original plan had been for sample processing completion by September**
 - With a workshop among participating laboratories to scrutinize results planned for this month
 - COVID delayed processing until year end; the results workshop will move to online this spring
- **We will host a separate webinar this spring to share those results**
 - Contact Charles Wong (charlesw@sccwrp.org) for more information about the study

TODAY'S SPEAKERS

- **Modes of potential impact for drinking water**
 - Dr. Stephanie Wright - Imperial College
- **Modes of potential impact for the aquatic ecosystem**
 - Dr. Chelsea Rochman - University of Toronto
- **Approaches to risk assessment for microplastics**
 - Dr. Bart Koelmans – Wageningen University
- **Biographies for the speakers are available on the webinar site**

QUESTIONS FOR OUR SPEAKERS

- **There will be time for questions after each speaker**
 - First opportunity for questions will go to the workshop invitees, as the webinars are intended to prime their workshop
 - We will take audience questions to the extent there is time
- **Time is allocated at the end of each day for general questions**
 - We will bring all speakers back onscreen for this part of the webinar
- **Type your questions into the Q&A box**
 - Please enter the nature of your question/comment so we can group them appropriately
 - Please indicate if you would like to verbalize the comment yourself, or have it read for you