



EPA's Office of Research and Development invites you to a free webinar

Joint Homeland Security Research/Tools & Resources Webinar



A certificate of attendance will be offered for this webinar

EPA Expands Research on COVID-19 in the Environment

Wednesday, May 27, 2020 from 2:00 to 3:00 PM ET

Register: attendee.gotowebinar.com/register/1297620939911049228

EPA scientists are building on a foundation of world-class research by applying their knowledge to reduce the risk of exposure to SARS-CoV-2, the virus that causes COVID-19. This research will help states & territories, tribes, and local governments, including public health agencies guide homeowners, business owners, and others reduce the risk of exposure. This webinar will highlight research EPA is working on with CDC, including the following:

Environmental Cleanup and Disinfection: Reducing the risk of exposure to SARS-CoV-2 relies on effective cleaning and disinfection. EPA researchers are assessing the use disinfectants on many different surfaces and objects. They will also determine the best environmental sample collection methods and the limits of detection for SARS-CoV-2. To determine the effectiveness of these approaches, researchers are also developing a method to quickly analyze surface samples for the live virus, both before and after the disinfection process. Strategies to decontaminate PPE will also be developed.

Wastewater Virus Detection: Researchers are studying whether SARS-CoV-2 can be detected in wastewater. This work will focus on understanding viral loads, or how much of the virus is present, whether it is in an infectious state, and how it moves through the wastewater system. This information could help public health agencies by acting as an 'early warning system' and can identify if there is an outbreak in a specific community.

Salivary Antibody Assay Development: Researchers are developing an easy, non-invasive, and reliable antibody assay as a tool for public health agencies to help determine the true rate of infection across the country.



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