

Wastewater-Based Surveillance to Track COVID-19 - Challenges and Opportunities

Wednesday June 23rd 2021 | h.17:00 + 18.30 (CEST)

The event is organized by the WBE Lombardy Research Network as workshop of the IWA EcoSTP 2021 international conference



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| ● 17:00 - 17:05 | Welcome from the Network | Francesca Malpei
Politecnico di Milano |
| ● 17:05 - 17:15 | The EU Sewage Sentinel System for SARS-CoV-2: putting the EC Recommendation into action | Bernd Manfred Gawlik
European Commission JRC |
| ● 17:15 - 17:25 | Environmental Monitoring for Health Protection: Wastewater Monitoring for SARS-CoV-2 and its Variants in England | Matthew Wade
Joint Biosecurity Center, Dept.
Health & Social Care, UK Gov. |
| ● 17:25 - 17:35 | Linking SARS-CoV-2 signals in WWTP inflows to prevalence data in the catchment: considerations in relation to the size of the WWTP | Norbert Kreuzinger
TU Wien |
| ● 17:35 - 17:45 | Detection of SARS-CoV-2 RNA in sludge and elsewhere in the WWTP | Miguel Mauricio Iglesias
Universidade de Santiago de
Compostela |
| ● 17:45-18:30 | Discussion forum:
- Design of the surveillance system: optimal WWTP dimensions and locations
- Empirical vs. mechanistic models in analysis of RNA/infections correlation
- Pros and cons of sludge measures of RNA in wastewater surveillance | |

FREE-ACCESS VIRTUAL EVENT UPON REGISTRATION