

Innovative Water Technologies Center Igor Sikorsky Kyiv Polytechnic Institute

Start of work: July 1, 2021

Location: Faculty of Chemical Technology, Building 4
Igor Sikorsky Kyiv Polytechnic Institute



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NGO WaterNet



National Technical University of Ukraine
"Igor Sikorsky Kyiv Polytechnic Institute"



Areas of work of the Innovative Water Technologies Center of Igor Sikorsky Kyiv Polytechnic Institute

Research direction

- Completion of master's thesis
- Completion of PhD thesis
- Performance of research work by schoolchildren participating in the SJWP Ukraine
- Performing research on economic contractual topics and international grants

Educational and informational direction

- Certificate program "Water and Modern Water Technologies" for masters of the Faculty of Chemical Technology of Igor Sikorsky Kyiv Polytechnic Institute and external students
- Laboratory practice for masters and bachelors of the Faculty of Chemical Technology of Igor Sikorsky Kyiv Polytechnic Institute
- Seminars for external students commissioned by the NGO WaterNet Water Treatment Academy

Economic contract topics and international grants

- The project "Safe Drinking Water in Ukraine: Access to Information on Water Quality and Water Treatment Methods", with financial support from the Finnish Fund for Local Cooperation of the Embassy of Finland in Ukraine, 2022-2024.
- Project "Technical Assessment of Drinking Water Quality and Monitoring of Drinking Water Quality in Ukraine" with financial support from UNICEF and CF Team4UA, 2024.
- Fulbright Senior Specialist Programme Project, Prof. Tarabara V., Michigan State University, East Lansing, USA, 2021.
- Research on water quality indicators, materials and devices for its purification, 2025.
- Analytical studies of water samples, 2024-2025.
- Testing of water samples, sorption and membrane materials. Research on the effectiveness of new sorption and membrane materials and cartridges of filtration systems in the processes of drinking and process water preparation. Assessment of the effectiveness of household filters of various manufacturers, 2021-2023.
- Research on the properties and determination of physicochemical and operational characteristics of ion exchange resins of various types, 2021.

Laboratory workshop at the Innovative Water Technologies Center



- Technological Laboratory of the Center, room 162a-4



Seminars for external students

commissioned by the NGO WaterNet Water Treatment Academy

From 2021 to 2024, 919 specialists:

- **693** water utility specialists,
- **129** practical specialists,
- **97** professors of Ukrainian universities

have completed courses :

- Modern methods and technologies of local water treatment
- Modern water treatment methods for small water utilities and communities
- Modern methods of water treatment: theoretical foundations and teaching methodology

345 specialists passed the certification and received the corresponding certificates of the Center and WaterNet diplomas

