

UNIMED SUBNETWORK ON SAFETY AND
SECURITY OF CRITICAL INFRASTRUCTURES



WELCOME, PARTICIPANTS!

WEBINARS ON
SECURITY AND RESILIENCE OF
WATER INFRASTRUCTURES

March 31st, 2021 1st session
May 19th, 2021 2nd session

MARCH 31, 2021
• **ONLINE SEMINAR**
AT 10:30 EET TIME

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Program

MODERATED BY THE UNIVERSITY OF JORDAN



TIME - CET

WELCOME MESSAGE AND INTRODUCTION TO THE WEBINAR

9:30 AM

Dr. Marcello Scalisi, Director of UNIMED

Dr. Hadeel Yaseen, Director of International Affairs Unit at The University of Jordan

9:40 AM

OPENING BY SCIENTIFIC CO-CORDINATOR

Dr. Mamoon Al-Rshaidat, School of Science, University of Jordan.

9:45 AM

ACCURATE LEAKAGE DETECTION IN WATERWORKS USING PRESSURE SENSORS: ADVANCED TRANSFORMS-BASED PROCESSING

Dr. Aimé Lay-Ekuakille, Permanent and Supervisor of Measurement and Instrumentation Lab, University of Salento.

10:00 AM

LONG-TERM WATER SECURITY UNDER CLIMATE CHANGE

Dr. Khaldoun, Shatanawi, Director of Water, Energy and Environment Center, University of Jordan.

10:15 AM

STRATEGIC APPROACHES TO CLIMATE CHANGE ADAPTATION

DR. Rana Samara, Faculty of Agricultural Sciences and Technology, Palestine Technical University-Kadoorie.

10:30 AM

WATER ENERGY NEXUS

DR. Ahmed Al-Salaymeh, Professor and Project coordinator, Faculty of Engineering, University of Jordan.

10:45 AM

SECURITY AND EMERGENCY RESPONSE TECHNOLOGIES FOR SMART WATER NETWORKS

DR. Demetrios Eliades, KIOS Research and Innovation Center of Excellence, University of Cyprus.

11:00 AM

EXTENDING THE CONCEPTS OF SYSTEMIC RISK TO RESILIENCE MANAGEMENT: A STEP TOWARDS INTEGRATING RISK AND RESILIENCE INTO A BROADER SCIENCE OF DANGER

DR. Fouad Khalaf, Faculty of Engineering, Cairo University.

11:15 AM

DEBATE - QUESTIONS

Martina Zipoli, Project Manager, UNIMED.

11:30 AM

CLOSING REMARKS - UPCOMING WEBINAR

Dr. Antonio Ficarella, Senior Engineer, Subnetwork Scientific Coordinator, University of Salento.