

GENERAL INFORMATION

PROGRAM

1/10/2024

Participants registration, Symposium plenary opening and welcome cocktail.

2/10/2024

Keynote, parallel thematic sessions and social event.

3/10/2024

Keynote, parallel thematic sessions and gala dinner.

4/10/2024

Parallel thematic sessions and Symposium closing.

DEADLINES

01/02/2024

Call for papers

31/05/2024

Abstract submission

30/06/2024

Notification of abstract acceptance

31/07/2024

Early bird registration

31/07/2024

Extended abstract submission and author registration deadline

SUPPORTED BY



SCIENTIFIC INFORMATION

SCIENTIFIC COMMITTEE (PROVISIONAL LIST)

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SPONSORSHIP

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XII International Symposium on Environmental Engineering

PALERMO

October 1st - 4th

The Italian Association of Sanitary and Environmental Engineering (ANDIS), the Italian Group of Sanitary and Environmental Engineering (GITISA) are pleased to

announce the 12th International Symposium on Environmental Engineering (SIDISA 2024) that will be held in the city of Palermo from October 1st to 4th 2024.



Università
degli Studi
di Palermo



GITISA
Gruppo Italiano di
Ingegneria Sanitaria Ambientale

ANDIS
ASSOCIAZIONE
NAZIONALE DI INGEGNERIA
SANITARIA AMBIENTALE

THE SYMPOSIUM

On behalf of the Organizing Committee, it is our pleasure to invite you to join us for the XII International Symposium on Environmental Engineering - SIDISA2024". SIDISA is a significant event for researchers and professionals that covers the entire panorama of Environmental Engineering. The topics deal with water, air, soil, and waste. Special emphasis will be given to advanced treatment and management issues, while addressing the needs of sustainable development, circular economy, and climate change mitigation. The Symposium will provide a forum for sharing ideas, scientific results, and practical experiences. Discussion will range from the frontiers of research to the design and management of treatment plants, rehabilita-

tion interventions and "City of the Future" concepts. The Symposium will have the ambition of promoting connections and collaborations between the world of research, the professional and industrial sectors dealing with environmental prevention and recovery. Parallel technical sessions will be scheduled to allow industrial practitioners and researchers addressing priority environmental issues. The Symposium will offer new networking and business opportunities between participants, exhibitors, and sponsors. The scientific program will be accompanied by a poster session which will provide a lively forum for discussion. We cordially invite you to join us for this conference and look forward to enjoy an inspiring event.

The abstract submission is now open and the deadline is March 31th 2024. If you wish to submit an abstract on one of the themes to be considered for presentation during the Sym-

posium, please follow the instructions and use the abstract template that can be downloaded in the Symposium website.

TECHNICAL ISSUES

Drinking water

- Advanced drinking water treatments
- Emerging challenges in operation
- Modelling of drinking water treatment
- Microalgae pollution
- Regulatory evolution and economic implication
- Advanced oxidation processes
- Removal and control of emerging contaminants

Wastewater treatment

- Advanced biological wastewater treatments
- Microbial population dynamics
- Emerging challenges in operation
- Modelling of wastewater treatment
- Physical-chemical treatments
- Sludge management optimization strategies
- Removal and control of emerging contaminants
- Wastewater reuse
- Industrial wastewater treatments
- Anaerobic digestion
- Treatment system based on microalgae
- Regulatory evolution and economic implication

Biorefineries

- Nutrients recovery from wastewater treatment
- Energy recovery
- Biopolymers recovery
- Bioproducts obtained from microalgae cultivation
- Biofuels

Municipal and industrial waste

- Municipal waste management
- Industrial waste management
- Reuse, recycling and recovery of materials
- Energy recovery and production
- Biological treatment
- Thermal treatment
- Regulatory evolution and economic implication
- Anaerobic digestion

Air quality and treatment

- Emissions reduction and treatment
- Emissions dispersion model
- Indoor and outdoor air: impact and risk assessment
- Particulate matter in indoor and outdoor air
- Regulatory evolution and economic implication

Green economy and smart cities

- Energy reduction
- Energy saving and recovery
- Policies for the development of green economy and smart cities in the national and international context
- Life Cycle Assessment
- Raw materials and circular economy
- Process sustainability

One health and environmental safety

- Emerging contaminants
- Wastewater based epidemiology
- Antibiotics and antimicrobial resistance (AMR)
- Advanced monitoring
- Risk assessment

Contaminated sites

- Contaminated soil and water: characterization, monitoring and modelling
- Contaminated soil and water: remediation
- Brownfields and sustainable remediation
- Regulatory evolution and economic implication

Climate change

- GHG emissions monitoring and control
- Climate change effects on water quality
- Monitoring of climate change
- Climate change mitigation and adaptation
- Carbon sequestration
- Effects of climate changes on environmental and sanitary safeguard infrastructures

TYPE	Early*	Late*
	(by 30 June 2024)	(by 31 July 2024)
GITISA/ANDIS Members	550,00 €	600,00 €
AIAT, EWA, IWA, ISWA Members	600,00 €	650,00 €
No members	750,00 €	800,00 €
Delegates from low income countries	350,00 €	350,00 €
Students	300,00 €	350,00 €
Gala dinner	100,00 €	100,00 €

*add VAT 22% - all rate types do not include the Gala Dinner

