

# SIDISA 2020

## XI INTERNATIONAL SYMPOSIUM ON ENVIRONMENTAL ENGINEERING

The National Association of Sanitary and Environmental Engineering (**ANDIS**), the Italian Group of Sanitary and Environmental Engineering (**GITISA**) are pleased to announce the 11th International Symposium on Environmental Engineering (**SIDISA 2020**) that will be held in the city of Turin from 1st to 3rd of July 2020.

**TURIN**  
JUNE 30<sup>th</sup> - JULY 3<sup>rd</sup>

### DEADLINE

**30/11/2019**  
Abstract submission  
**31/01/2020**  
Notification of abstract  
acceptance  
**31/03/2020**  
Early bird registration  
**15/04/2020**  
Extended abstract  
submission

### SCIENTIFIC COMMITTEE

G. Andreottola, R. Baciocchi, V. Belgiorno, G. Bertanza, M. R. Boni, R. Canziani, A. Carucci, S. Cernuschi, F. Conti, M. Fabbicino, R. Gavasci, G. Ghermandi, R. Iannelli, C. Lubello, F. Malpei, I.M. Mancini, A. Muntoni, F. Pirozzi, M. Ragazzi, P. Roccaro, M. Rovatti, R. Sethi, P. Sirini, S. Sorlini, F. Vagliasindi, G. Viviani

### ABSTRACT SUBMISSION

The abstract submission is now open and the deadline is November 30th 2019. If you wish to submit an abstract on one of the conference themes to be considered for presentation during the Symposium, please follow the instructions and use the abstract template that can be downloaded in the Symposium website.

### THE SYMPOSIUM

The Symposium leading theme is the enhancement of the environmental sustainability of anthropic activities concerning all the fields: water, soil and atmosphere. This was also the main research activity of Prof. Giuseppe Genon to whom the Symposium is devoted. Particularly his strong passion for the environment defence has brought to the birth of the Politecnico di Torino environmental engineering group that, together with the other national and international groups, is fighting against the time for the environment preservation. The Symposium is aimed to achieve a significant step in this direction with the contribute of all participants and a particular attention to innovation and application of advanced technologies. Some prizes will be distributed to authors under 25 years at the Symposium in order to celebrate the Prof. Genon commitment towards young people environmental education. The Symposium program foresees the possibility of treatment plants visit, in addition to EC project meetings, workshop on wastewater treatment modeling, seminars. To the Symposium will be invited: the Rector of Politecnico di Torino, the Head of DIATI Department of Politecnico di Torino, the Mayor of Torino and the President of Piemonte Region Torino.

### ORGANIZING COMMITTEE

M.C. Zanetti (Presidente), B. Ruffino,  
D. Panepinto, V. Riggio, C. Morinilli.

### ORGANIZING SECRETARIAT

GEAM - Associazione Georisorse e Ambiente  
P. Appella, L. Bianco  
Corso Duca degli Abruzzi 24, 10129, Torino  
Tel +39 011 090.7681 email: [geam@polito.it](mailto:geam@polito.it)

### SPONSORSHIP OPPORTUNITIES

Sponsorship opportunities are available for companies and exhibitors, for further information please contact the organizing secretariat.



### PROGRAM

#### 30/06/2020

Participants registration and welcome cocktail and modeling training course.

#### 1/07/2020

Symposium plenary opening and parallel thematic sessions

#### 2/07/2020

Parallel thematic sessions and gala dinner

#### 3/07/2020

Parallel thematic sessions and Symposium closing

## TECHNICAL ISSUES

The Symposium SIDISA 2020 will foresee parallel sessions concerning environmental, economic, technical, law and management aspects of the following main themes:

### DRINKING WATER AND WASTEWATER

Water quality and treatment  
Operation of water and wastewater treatment plants: emerging challenges  
Wastewater treatment  
Sewage sludge: Reduction, management, treatment and valorisation  
Advanced drinking water treatment  
Modeling of wastewater treatment process  
Membranes and membrane processes for water and wastewater treatment  
Microalgae  
Regulatory evolution and economic implication

### MUNICIPAL AND INDUSTRIAL WASTE

Municipal waste management  
Industrial waste management  
Reuse, recycling and recovery on materials and energy  
Biological treatment  
Thermal treatment  
Regulatory evolution and economic implication

### OUTDOOR AND INDOOR AIR

Emissions reduction and treatment  
Emissions dispersion model

### SYMPOSIUM REGISTRATION

The registration at the congress will be available in the congress web site. Actually information may be given by the organizing secretariat.

The registration fee includes the attendance to all the congress sessions, the conference proceedings, welcome cocktail, coffee breaks, lunches and gala dinner.

Indoor and outdoor air: impact and risk assessment  
Particulate matter in indoor and outdoor air  
Regulatory evolution and economic implication

### GREEN ECONOMY AND SMART CITY

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

### CONTAMINATED SITES

Contaminated soil: characterization, monitoring and modelling  
Contaminated soil: remediation  
Sites recovery and sustainable remediation  
Regulatory evolution and economic implication

### CLIMATE CHANGE

GHG emissions quantification and control  
Monitoring of climate change  
Climate change mitigation  
Climate change adaptation  
Carbon sequestration

### COSTS

Standard attendees	500 €
Early Bird	450 €
Student	250 €
Members* Early Bird	400 €
Members*	450 €

\*ANDIS, GEAM, GITISA, ISWA, IWA, IWWG



**POLITECNICO  
DI TORINO**

Dipartimento di Ingegneria  
dell'Ambiente, del Territorio  
e delle Infrastrutture



**andis**  
Associazione Nazionale di  
Ingegneria Sanitaria - Ambientale



**GITISA**

Gruppo Italiano di  
Ingegneria Sanitaria Ambientale