



ISWA
International Solid Waste Association



UNIVERSITY OF
TEXAS
ARLINGTON



ISWA-SWIS WINTER SCHOOL 2025

Sustainable Waste Management Including Landfill & Landfill Mining



*The University of Texas at Arlington, USA
January 13 – January 24, 2025*

ISWA-SWIS Winter School



The objective of the ISWA-SWIS Winter School is to provide advanced knowledge in the field of waste management to an international audience of existing and emerging solid waste experts. At the joint ISWA and SWIS (Solid Waste Institute for Sustainability) Winter School at the University of Texas at Arlington, together with the cities of Arlington, Irving, Garland, Grand Prairie, and Lubbock Texas, USA, the participants will have the opportunity to gain knowledge on the challenges of solid waste management in developing economies. However, the unique aspect of the Winter School is the blend of in-class and hands on training. The in-class, theory based training and hands-on, operational training are perfectly balanced - with one week dedicated to each.

Participants will learn to understand:

- Landfill siting, design and construction, and operation
- Landfill leachate and gas management and utilization (LFGTE)
- Sustainable waste management
- Social Aspects of Sustainable Waste Management

- Waste Economics including waste business development

Specialty areas such as perpetual or sustainable landfill, landfill design and operation and the landfill mining including feasibility, preliminary investigation, operation and management of landfill mining, and impact of landfill mining of sustainable waste management system will be extensively covered. Selected project case studies will be presented and discussed to enhance learning experience

Participants will receive a Certificate of Participation.

Date

January 13th – January 24th, 2025

Venue

The University of Texas at Arlington, Texas, USA (www.uta.edu)

City of Arlington, Texas, USA

City of Irving Landfill, Texas, USA

City of Garland, Texas, USA

City of Grand Prairie, Texas, USA

Target Group

Students and waste management professionals from all over the world.



Registration fees

All registration fees are free of VAT.	Student	Professional
Regular Fee	EUR 445.-	EUR 1070.-
ISWA Member Fee or low-/ lower-middle income economies*	EUR 270.-	EUR 800.-

*According to [current World Bank list](#).

[REGISTER HERE](#)

Online Registration

Registration fees include course participation, course material, coffee/tea breaks and lunch as well as transfers to and from the university for the technical site visits during teaching days.

Upon registration, participants accept all arrangements organized by ISWA and SWIS. The organizers do not assume liability during field demonstrations and technical visits. Travel health insurance is advisable. The programme may be subject to change.

Deadline for Winter School Registration is 1st January 2025

Recommended accommodation

La Quinta Inn & Suites
 825 North Watson Road, Arlington, Texas 76011,
 US Phone: (888) 312-2399

Please mention at booking that you are reserving the room for ISWA-SWIS Winter School to get a discounted rate

Recommended date of arrival: Sunday, 12th January 2025

Recommended date of departure: Saturday, 25th January 2025

Cancellation policy



Cancellation policy

ISWA-SWIS reserve the right to cancel the course if the minimum number of participants is not reached.

Minimum number of participants: 20

Maximum number of participants: 55

Registration may be transferred to a nominated representative.

Any cancellation of registration must be submitted in writing to ISWA by e-mail: events@iswa.org

Cancellation and refund will be subject to the following conditions:

- Cancellation until 14th December 2024: 50% refund
- Cancellation between 15th December 2024 and 31st December 2024: 10% refund
- Cancellation from 31st December 2024 on or "no show": No refund

In case of cancellation of the Winter School due to unforeseeable events, ISWA will refund the registration fee but no other costs incurred prior to cancellation.



For registration matters or to cancel registration

Please contact: Zhiren Ye
ISWA Events Manager ISWA
General Secretariat
The Netherlands
Email: events@iswa.org
Phone #: +31 (0)10 808 3990



Programme – Week 1

Monday

Introduction to Sustainable Waste Management; Landfill basics, Special Case Studies and Waste Characteristics

Tuesday

Landfill Operation, Working Face, Leachate Basics, Leachate Management, Bottom Liner and Drainage

Wednesday

Field Visit (City of Irving Landfill): Landfill Operations Working Face and Equipment Demonstration

Thursday

Leachate Generation Modelling, Landfill Gas Basics, Landfill Gas Generation Model and Landfill Gas to Energy

Friday

Field Visit (City of Grand Prairie): Landfill Operation, Landfill gas to Energy Facility Visit, and Tour to Grand Prairie Landfill

Saturday

Social excursion



Programme – Week 2

Monday

Sustainable Waste Management and Recycling

Tuesday

DFW Airport Waste Management Field Visit

Wednesday

Waste Economics and Operational Finance,
Dumpsite closure

Thursday

Republic Services MRF Visit

Friday

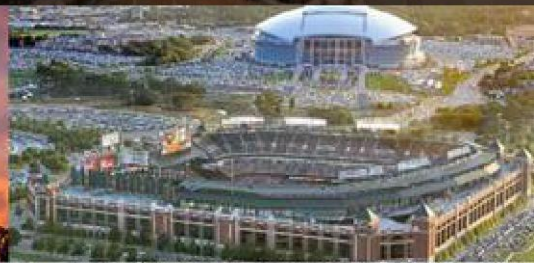
Panel Discussion: Global Waste Management Perspective
Participants Project Presentation

Friday Night

Gala Dinner



Location & Infrastructure



Images Copyright Arlington, Texas Convention & Visitors Bureau

The **Solid Waste Institute for Sustainability (SWIS)** is housed at the University of Texas at Arlington, Texas, USA. The center is located close to Dallas - Fort Worth (DFW) Airport in Texas with easy and direct access to national and international destinations. Solid waste personnel from different developing countries can easily access SWIS because most of the major cities have direct flights to DFW airport.

The city of Arlington is located in the middle of Dallas - Fort Worth (12 miles east of downtown Fort Worth and 20 miles west of downtown Dallas). Arlington is home to the American League West Texas Rangers baseball team (playing out of Global Life Park), home to the NFC East Dallas Cowboys football team (playing out of AT&T stadium), and Six Flags (the biggest regional theme park in the world - www.sixflags.com).

The major facilities that are part of the SWIS for research and training are: (i) Civil Engineering Building (CELB), (ii) Engineering Research Building (ERB), (iii) University of Texas at Arlington Research Institute (UTARI).

The city of Fort Worth's Annual Stock Show and Rodeo will take place during the winter school. The SWIS Winter School organizers are planning to take all the participants to this year's Rodeo Show. The details can be found at www.fwssr.com

NBA Basketball Team Dallas Mavericks regular season will be going on during the winter school program and the participants will have the opportunity to watch live NBA Games.



For Additional Information, please contact:

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The University of Texas at Arlington,

417 Yates St, Suite – NH 404, Arlington, TX 76019

Email: hossain@uta.edu, webpage: www.uta.edu/swis



Apply for a Scholarship

2025 ISWA- SWIS Winter School Scholarships

The Solid Waste Institute for Sustainability (SWIS) at the University of Texas at Arlington (UTA), Texas, USA is pleased to announce the 2025 SWIS-ISWA Scholarships, mainly for students. However, the professionals can also apply. The submission required for consideration of scholarships are:

1. **Submit one page paragraph on why you want to participate in ISWA-SWIS Winter School and how it may help your professional life.**
2. A short bio (not more than 300 words)
3. List the names of two references (one reference must be from ISWA or ISWA YPG Members)
4. Use the cover page included at the end of this brochure

After reviewing this information, full and partial scholarships will be awarded to attend the ISWA-SWIS Winter School 2025 (to be held at UTA from January 13-24, 2025). However, full time students will be given preference for scholarship. SWIS has introduced these scholarships to promote the importance of sustainable waste management for developing healthy and sustainable urban cities.

Scholarships cover the following:

- Free registration to attend the 2025 ISWA-SWIS Winter School at UTA
- **Free lodging during their stay for the winter school (only for full scholarship winners)**
- Breakfast and lunch will be provided.
- Free transportation during their stay for the winter school

Deadline of Application: 31st May 2024 (Texas local time)



Apply for a Scholarship

Eligibility for Scholarship¹:

- A. Currently enrolled as full-time students in the following (or similar) programs with a strong interest in sustainability/environmental issues:
 - 1. Civil/Environmental Engineering;
 - 2. Urban and Regional Planning;
 - 3. Social Science or Environmental/International Policy Studies;
 - 4. Business – with a strong connection/interest in environmental issues.
 - 5. Any other background with Sustainable Waste/ Material Management
- B. Young solid waste management and business professionals (less than five years in their professional jobs).

For scholarship news, please visit SWIS on Facebook: [swis_uta](https://www.facebook.com/swis_uta)





**SWIS SCHOLARSHIP SUBMISSION –
Cover Page**
Submit to: hossain@uta.edu



NAME:	PHOTO
COUNTRY:	
MAJOR:	
INSTITUTE/COMPANY:	
EMAIL:	
TELEPHONE:	
ADDRESS:	
Name of 2 (two) References	

(Applicant's signature)

(Date of submission)



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See you at the Winter School 2025!

