



INVITATION

to the

Geosynthetics Education training program

Educate the Educators event

organised by the Nordic Chapter of International
Geotechnical Society

with the support of the



- Time: Wednesday, May 7th, 2025, at 9 – 16 CET
(in Sweden, Norway, and Denmark; at 10-17 in
Finland and at 8-15 in Iceland)
- Place: Lund, Sweden
AF-Borgen, Sandgatan 2, Gustavsalen
or virtually through Zoom meeting
- Language English, questions and comments can be translated
- Target group: Especially engineers and teachers involved in
teaching curricula which can incorporate
geosynthetics, open to all interested
- Participation fee Free of charge, lunch and coffee provided if present

WELCOME!

It is a great pleasure and an honor to warmly welcome you to the “Educate the Educators” (EtE) program in Lund, 7 May 2025.

This is the first time that an International Geosynthetics Society (IGS) EtE program is held in Nordic. It is organized as a joint effort for all Nordic countries by rather recently founded Nordic Chapter having representatives for all Nordic countries. Therefore, we are particularly excited with our decision to organize this event.

The goal of the EtE program, as indicated on the IGS website, *“is to make sure that every student graduating from an undergraduate engineering program receives some basic exposure to geosynthetics”*. Therefore, *“the educators will be supplied with the necessary knowledge and tools to help them integrate geosynthetic topics into their engineering curricula”*.

We believe that the educational program combining lectures and discussion together with the educational material on geosynthetics that will be sent to the attendees after the event, ensure the achievement of this goal.

In Nordic, we have specific design issues related to the cold climate, frost and thawing, and commonly used hard and crushed aggregates, which effect on the durability of the geosynthetics. In addition, the increased use of secondary aggregates to enhance the circular economy and reduce the emissions, will challenge the designers to recognize also the chemical loading the geosynthetics will be exposed during their lifetime. The whole geosynthetics industry has focused on the sustainable use of geosynthetics in a variety of innovative as well as consolidated applications, to provide durable and sustainable structures.

The event is the beginning, we are planning to continue this education with another full day event in the autumn.

We would like to extend our thanks to Mrs. Patricia Guerra-Escobar for helping us in organizing the event, and Harmut Hangen and Arnstein Watn for kindly accepting our invitation to participate as instructors and for their collaboration and assistance towards the success of our EtE program.

We believe that their contribution will also stimulate fruitful technical and scientific interaction with the attendees.

Looking forward to meeting you in Lund or online in Zoom!

Minna Leppänen

President of IGS Nordic
University instructor Tampere University
Department of Civil Engineering, Research Centre
Terra
Tampere University



About EtE

The main goal of the IGS training program “Educate the Educators” is to make sure that every student graduating from an undergraduate engineering program receives some basic exposure to geosynthetics.

One way to carry out this action is to supply educators with the necessary knowledge and tools to help them integrate geosynthetic topics into their engineering curricula.

ETE workshops provide attending professors with a host of resources to support this mission, including among others:

- good practices of geosynthetics teaching
- basic functions of geosynthetics
- recognition of geosynthetics types
- design principles per function
- geosynthetics applications
- engineering works sustainability
- case studies

More on IGS Educate the Educators (EtE) [here](#)

Educate the Educators” past programs

- Greece, 18-19 October 2024
- Morocco, 7 June 2023
- Romania, online 9, 11 & 17 May 2023
- Brazil, 17 – 19 November 2022
- Chile, online 4 – 15 October 2021
- Brazil, online 16 – 25 August 2021
- South Africa, online 05 – 06 July 2021
- Taiwan, 21 – 22 November 2020
- Brazil, online 25 August – 10 September 2020
- USA, California, 9 – 10 December 2019
- Mexico, 04 – 06 July 2019
- Australia, 20 – 22 February 2019
- Peru, 14 – 16 January 2019
- Brazil, 04 – 07 October 2018
- South Africa, 02 – 06 July 2018
- India, 05 – 06 February 2018
- Canada, 04 – 05 December 2017
- Indonesia, 02 – 03 October 2017
- Brazil, 29 – 30 September 2017
- Philippines, 27 – 28 April 2017
- China, 18 – 19 August 2016
- Brazil, 27 – 29 July 2016
- USA, Austin, 28 – 29 July 2015
- Portugal, 29 – 30 June 2015
- Poland, 23 – 24 June 2014
- Argentina, 27 – 28 May 2013



Geosynthetics Education Training Program

Educate the Educators

Lund, Sweden / Zoom

May 7th, 2025

SCHEDULE		
TIME	ACTIVITY	SPEAKER
8:30 – 9:00	Morning coffee and registration	
9:00 – 9:15	Opening: Welcome and introductions. Objectives and philosophy of the “Educating the Educators” program	Minna Leppänen
9:15 – 10:30	Topic 1: Introduction to Geosynthetics - production and raw materials, products applications, essential properties and their testing methods)	Hartmut Hangen
10:30 – 10:45	Discussion: Incorporating introductory of GS in UG courses	
10:45 – 12:15	Topic 2: Reinforcing steep slopes and retaining walls with Geosynthetics	Hartmut Hangen
12:15 – 13:00	Lunch Break	
13:00 – 14:15	Topic 3: Geosynthetics in landfill structures	Minna Leppänen
14:15 – 14:30	Coffee Break & Workshop: Recognizing different geosynthetic materials	EtE Sponsors
14:30 – 15:45	Topic 4: Geotextile in separation, filtration and drainage	Arnstein Watn
15:45 – 16:00	Closing Discussion: Incorporating GS in courses., Topics for the second event	Minna Leppänen

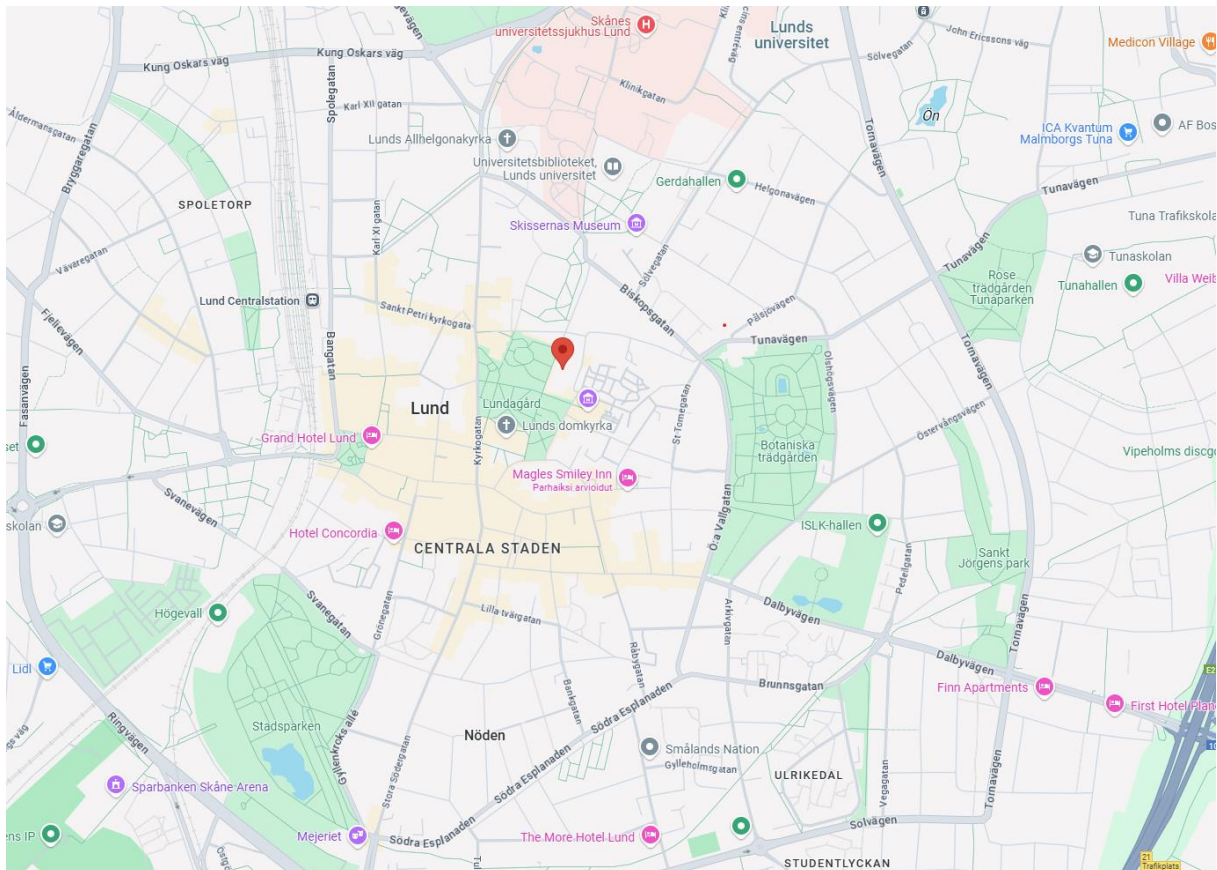
	Introductory topic
	Discussion on introductory topic
	Advanced topic
	Discussion on advanced topic
	Support activity
	Educational activity

The venue

The education takes place in a medieval university city Lund in the Southern Sweden. Read more: [Lund – a city with heart and mind](#) | [Visit Sweden](#)

If you are coming outside Sweden, there are good train connections from Copenhagen, taking less than one hour.

The venue AF-Borgen located in the heart of Lund and has been the students' home since 1851. Today it is a bustling house with a great mix of students, university, Lund locals and business. Address: AF Borgen AB, Sandgatan 2, 223 50 Lund, Sweden





What We Are

The International Geosynthetics Society (IGS) is a learned society dedicated to the scientific and engineering development of geotextiles, geomembranes, related products, and associated technologies. IGS is registered as a non-profit corporation.

Who We Are

IGS is a global community of 4,000 members including corporate, individual and student members, with a shared passion for what geosynthetics can achieve. With 45 chapters worldwide, it's easy to connect locally.

What We Do

We provide greater understanding of geosynthetic technology and promote its appropriate use throughout the world.

What We Believe

We believe that geosynthetics can make a fundamental contribution to meeting societal challenges through sustainable technological and engineering solutions

Read more: <https://www.geosyntheticssociety.org/>