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# International Symposium Geosynthetics and Sustainability

## Environmental, Civil and Hydraulic Engineering

14th May 2024 13.00 – 18.30 CET  
Physical event in Delft + online streaming

**Venue: Technical University Delft (TU Delft)**

Faculty Civil Engineering and Geosciences Building 23  
Stevinweg 1, 2628 CN Delft, The Netherland

For more information, email us at [mail@ngo.nl](mailto:mail@ngo.nl)

## Geosynthetics: Pioneering Sustainability in Engineering

The urgency of addressing global warming make innovative solutions necessary within civil and hydraulic engineering. Geosynthetics emerge as a sustainable building method, significantly reducing CO<sub>2</sub> emissions (30-89%) and energy consumption (up to 85%) compared to conventional building materials like concrete and steel.

This symposium, hosted by the NGO and IGS, serves as a platform for knowledge exchange on geosynthetics and sustainability. Renowned experts will provide insights into the latest research and applications, emphasizing the crucial role of geosynthetics in achieving environmental objectives.

## Programme

13:00	Walk-in with coffee/tea, visit booths	
13.15	Opening and welcome	Suzanne van Eekelen (symposium chair)
13.20	Sustainability benefits of geosynthetics in roadway applications	Jorge G. Zornberg
14.05	Sustainable applications of geosynthetics in hydraulic engineering	Kent von Maubeuge
14.50	Sustainable use of geosynthetics in landfill and hydraulic applications world-wide	Boyd Ramsey
15.35	Short break/visit booths	
16.00	Geosynthetics in the Netherlands: Today's status in sustainability	Wim Voskamp
16.25	IGS initiatives to support sustainable development	Sam Allen
16.50	IGS Foundation contribution to sustainability	Jacques Cote
17.05	Panel discussion. Questions from participants	Suzanne van Eekelen, Wim Voskamp, Jorge G. Zornberg, Kent von Maubeuge, Boyd Ramsey, Jacques Cote, Sam Allen
17.30	Symposium closer and concluding remarks	Suzanne van Eekelen
17.35	After talks at PSOR, informal meeting participants with drinks and snacks	
18.30	Closing	

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## Distinguished speakers



**Jacques Cote**

Executive Chairman of the Board of Solmax Canada and chairman of the board of trustees of the IGS Foundation. Over 45 years of experience in the geosynthetic industry



**Kent von Maubeuge**

Manager and senior expert on geosynthetics at Naue, lecturer at University Bielefeld and Lippe, member IGS foundation, chair CEN workgroup barrier systems and GCL-group ASTM. Over 45 years of experience in civil engineering and barrier systems



**Boyd Ramsey**

Consultant over 30 years of experience in the geosynthetic industry in all aspects from technical, quality, sales and executive management. Active in the IGS, GMA, ASTM, ASCE-GI. Member of the IGS Foundation



**Jorge G. Zornberg**

Professor and Joe J. King Chair in Engineering at the University of Texas at Austin, USA. Past president of the International Geosynthetics Society, Member of the IGS Foundation



**Sam Allen**

Director of the TRI Environmental Group (TRI) and President IGS, over 35 years of experience managing quality control and research with interaction between public and private entities on infrastructure and sustainability aspects



**Wim Voskamp**

Retired director R&D and technical marketing of Colbond Arnhem, President of the NGO, the Netherlands chapter of the IGS, former IGS secretary and treasurer, editor of the book Durability of Geosynthetics

NGO-IGS Netherlands Wim Voskamp, Rijk Gerritsen, Andries Steerenberg, Robbin Schipper, Leo Kuljanski, Joop Groenveld

Symposium coordinators Rijk Gerritsen, Robbin Schipper

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