

Preface: Notes from the Editors (Ivan P. Damians Pietro Rimoldi, Yoshihisa Miyata, and Anibal Moncada)

The present volume contains the contributions to the “Technical Workshop on Reinforcements and Drainage in Soil Structures” which took place at the Universitat Politècnica de Catalunya - BarcelonaTech (UPC), Department of Civil and Environmental Engineering (DECA) of the School of Civil Engineering, Barcelona (Spain), from June 25th to 27th, 2024.

The event was organized by the joint collaboration of the Soil Reinforcement (TC-R) and Hydraulic Applications (TC-H) technical committees of the International Geosynthetic Society (IGS), and the Reinforced Fill Structures (TC-218) of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE).

The workshop attracted professionals from all over the world, proving to be an attractive and productive endeavor in which ideas, concepts, and products were shared, discussed, and improved upon. Participants traveled from all over Asia (Australia, China, India, Japan, Malaysia, New Zealand, United Arab Emirates), Americas (Canada, USA, Chile), and Europe (Austria, Belgium, France, Germany, Greece, Hungary, Italy, Netherlands, Portugal, Slovenia, Spain, Turkey, and UK).

Attendees and collaborators include 41 industry related participants (i.e., consultants, manufactures, and/or engineers) and 22 academy related participants, from which 3 were post-graduate students. From this, 30 collaborations were received, with a total of 48 authors and 27 different speakers. Collaborations were categorized in five distinct sections according to the following topics:

- Geosynthetic materials and soil interaction
- Numerical modelling approaches
- Design guidelines and methods
- Case histories
- Climate impact and sustainability aspects

The following table details the scientific impact of the event by analyzing the average H_i -value (H-index: numerical scale that neutrally represents how effective a researcher has been) from the authors and presenting authors (speakers):

Category	#	H-index (total)	H-index (last 5 years)	Description
Speakers	27	16.67	10.33	Average H-index by speaker *
Authors	48	9.38	5.81	Average H-index by author *

* H_i -values obtained from Google Scholar (<https://scholar.google.com/>); search conducted in July 2024.

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