

Organizing Committee

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Annika Sormunen, GRK / ISCOWA
Carlo Vandecasteele, Katholieke Universiteit Leuven / ISCOWA
Colin Hills, University of Greenwich / ISCOWA
Eva Cifrian, University of Cantabria / ISCOWA
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Hirofumi Sakanakura, National Institute for Environmental Studies
John Heynen, Netherlands Enterprise Agency (RVO) / ISCOWA
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Masaki Takaoka, Kyoto University
Nimisha Tripathi, University of Greenwich / ISCOWA
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Priyadharshini Perumal, University of Oulu / ISCOWA
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Takuro Fujikawa, Fukuoka University
Teppei Komiya, Kyushu University
Theodore Hanein, University of Leeds / ISCOWA
Yasutaka Sagawa, Kyushu University

Scientific Committee

Amirhomayoun Saffarzadeh, Flysense LCC
Annika Sormunen, GRK / ISCOWA
Carlo Vandecasteele, Katholieke Universiteit Leuven / ISCOWA
Chi-Sun Poon, The Hong Kong Polytechnic University
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Eva Cifrian, University of Cantabria / ISCOWA
Fumitake Takahashi, Institute of Science Tokyo
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Hans van der Sloot, Van der Sloot Consultancy
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Hirofumi Sakanakura, National Institute for Environmental Studies
Jiri Hyks, Danish Waste Solutions ApS
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Marjo Koivulahti, Ramboll / ISCOWA
Masahiro Osako, National Institute for Environmental Studies
Masaki Takaoka, Kyoto University
Nimisha Tripathi, University of Greenwich / ISCOWA
Ole Hjelmar, Danish Waste Solutions
Patricia Kio, University of Florida / ISCOWA
Paula Carey, Carbon8 Systems Limited
Priyadharshini Perumal, University of Oulu / ISCOWA
Rogier van de Weijer, Blue Phoenix Group
Satoshi Mizutani, Osaka Metropolitan University
Sze-dai Pang, National University of Singapore
Takayuki Shimaoka, Kyushu University, Kyushu Environmental Evaluation Association
Takuro Fujikawa, Fukuoka University
Teppei Komiya, Kyushu University
Theodore Hanein, University of Leeds / ISCOWA
Tuan Nguyen, The University of Melbourne
Yasutaka Sagawa, Kyushu University



Get in touch



Website: <https://www.wascon2026.jp/>

WASCON2026 Organizing committee:

E-mail: organizer@wascon2026.jp

WASCON2026 FUKUOKA, JAPAN

18-21, MAY, 2026



ISCOWA

*The International Society for the Environmental and Technical Implications of
Construction with Alternative Materials*



九州大学
KYUSHU UNIVERSITY

Call for Abstract

Theme: Building a circular, sustainable society through construction with alternative materials and digital transformation.

Key dates:

Abstract submission: by 31 October 2025
Extended abstract submission: by 2 February 2026
Early-bird registration: by 16 February 2026
Ordinary registration: by 16 March 2026

Conference Schedule

May 18 Check-in
May 19 Conference 1st day, Welcome party
May 20 Conference 2nd day
May 21 Technical visit

Objective:

WASCON (The International Conference on the Environmental and Technical Implications of Construction with Alternative Materials) has been held every three years since 1991 and provides a forum for exchange of ideas and current research nationally and internationally on the use of waste, industrial by-products and other recycled materials in construction. An important scientific base for the implementation of alternative materials is given by the numerous contributions to the WASCON conferences.

Topics:

Category 1: Waste Types	Category 2: Recycling Processes	Category 3: Applications	Category 4: Environmental Issues
<ul style="list-style-type: none">• Construction and demolition waste• Incineration bottom ash• Incineration fly ash• Mining and tailings waste• Dredged river/marine sediments• Steel slag• Waste asphalt• Waste glass• Others	<ul style="list-style-type: none">• Decarbonization• Mechanical sorting• Chemical processing• Biological treatment• Others	<ul style="list-style-type: none">• Road construction (e.g., pavements, structural layers)• Building blocks• Cement replacement• Alkali-activated materials• (Construction) material banks (for second use)• Others	<ul style="list-style-type: none">• Contaminant leaching and environmental impact• Life cycle assessment (LCA)• Resource circularity/design for circularity• Transboundary environmental assessment• Sustainability• Digital transformation (DX)• Others

Publication

High-quality WASCON 2026 papers will be considered for publication in a Special Issue of the *Journal of Material Cycles and Waste Management* (Springer, Impact Factor: 3.0) following the standard peer-review process.



Conference Venue: ACROS Fukuoka

1-1-1 Tenjin, Chuo-ku, Fukuoka City 810-0001, Japan

