WCTRS RESEARCH NEWSLETTER WORLD SECRETARIAT OFFICE OF THE WCTRS CONFERENCE ON Institute of Transportation Studies TRANSPORT 1605 Tilia Street, Davis, CA, USA RESEARCH Email: wctrs@ucdavis.edu WCTRS SOCIETY

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Invitation for Bids to Host WCTR-18, in 2029

Volume 4, Issue 8



The World Conference on Transport Research Society, WCTRS, invites the academic institutions, who submitted Expression of Interest (EOI) to bid to host WCTR in 2029 and received confirmation mail of satisfying its requirements from the Chair of SSSC, to submit Preliminary Bids to host this conference.

The Process of Bidding and Site Selection of the Conference Host Site are detailed in the "<u>WCTR 2029 Bid Preparation File</u>" (<u>link</u>) which includes:

- Rationale and Introduction.
- Mandatory Notes to Bidders.
- Site Selection Criteria.
- Timeframe of the Steps in the Process of Site Selection for WCTR-18, 2029.
- Note on the Preparation of the Bid Submission File.
- Note on Confidentiality.
- Method of Correspondence.

Preliminary Bids should be submitted in **pdf** files by e-mail to the Chair of SSSC of WCTRS, Professor Ali Huzayyin [ali_huzayyin@yahoo.com], with cc to SSSC members: Professor Sergio Jara-Diaz [jaradiaz@uchile.cl] and Professor Antonio Musso [antonio.musso@fondazione.uniroma1.it] no later than **1**st **February 2025**.

Invitation to Bid for WCTR 2029 (PDF)

Prof. Ali Huzayyin, University of Cairo, Egypt. Chair, Site Selection Sub-Committee.

1st World Symposium on Sustainable Transport & Livability (WSSTL-2025)

Announcement and Call for Papers



The Special Interest Group (SIG)-F4 of World Conference on Transport Research Society (WCTRS), together with Department of Civil Engineering, Indian Institute of Science (IISc), Bangalore, India, is happy to announce the 1st World Symposium on Sustainable Transport & Livability (WSSTL-2025). The symposium will be held from 25th - 27th June 2025 in Bengaluru, India, at J. N. Tata Auditorium in IISc Campus.

For full details, please visit the official symposium website: WSSTL-2025 Website (https://wsstl2025.iisc.ac.in/)

The symposium aims to bring together leading experts, policymakers, urban planners, researchers, industry & community leaders to address the most pressing challenges and innovative solutions in sustainable transport and livability. The symposium is open for paper submission from 1st October 2024 till 15th December 2024 (extended).

Authors are invited to submit one or more full papers to the following themes:

Transport and Well-being: This theme will focus on promoting well-being through sustainable transport. The topics include exploring how sustainable transport interventions contribute to the overall well-being of individuals and communities, focusing on physical, mental, economic, and social well-being. It may include cognitive analyses of transport services, such as community transport and smart transport.

1. **Transport, and Health and Happiness**: This theme will focus on enhancing health and happiness through sustainable transport. The topics include unravelling how sustainable transport interventions can make society and individuals healthier and happier. It may include behavioural analyses of active travel and the aged society.

Useful Information and links

1. Publications by SIG A4-Handbook on High-Speed Rail and Quality of Life and Frontiers in High-Speed Rail Development Both books are free to download. For details: Click Here

2. Urban Mobility Research in India transport: Selected proceedings from 13th Research Symposium of 15th Urban Mobility India Conference & Expo 2022 For details: <u>Click Here</u>

3. A new Transport Research and Education Network to help ESCAP member States achieve sustainable transport For details: <u>Click Here</u>

4. Special Issue of International Journal of Production Economics on "Theorizing, Designing, and Implementing Digital Twins in Operations and Supply Chains" For details: <u>Click Here</u> Paper submission deadline: *Dec 31, 2024*

WCTRS society journals



Transport Policy



Case Studies in Transport Policy

WCTRS book series For details, visit: <u>link</u>

- 2. Transport and Livability/Quality of Life (QoL): This theme will focus on creating livable cities with improved quality of life through sustainable transport solutions. The topics include discussing strategies for building more livable urban environments and enhancing quality of life by prioritizing sustainable transportation solutions. Investigating how sustainable transport interventions affect livability and quality of life (QoL). It may include spatial analyses of urban accessibility and street design, such as the x-minute city and walkable streets.
- 3. Transport, and Equity and Accessibility: This theme will focus on fostering equity and accessibility (including social accessibility) in transportation. The topics include addressing how sustainable transport impacts the safety, affordability, equity and accessibility. Highlighting the need to ensure social inclusiveness, particularly marginalized communities, to promote social justice and bridge existing disparities.
- 4. Transport and Environmental Quality and Disaster Resiliency: This theme will focus on safeguarding environmental quality and building disaster resilience frameworks. The topics include investigating how sustainable transport can contribute towards improving environmental quality and disaster resiliency of urban transport systems.
- 5. Other aspects of Transport related to Livability and Quality of Life: This theme will focus on exploring additional dimensions of livability and quality of life impacted by sustainable transport, such as investigating the role of technology in enhancing livability and quality of life through sustainable transport solutions, etc.

Author Guidelines for Submission and Publication

We invite original research submissions including empirical studies, theoretical research, case studies, review articles, and conceptual papers relevant to any symposium theme. The symposium will give equal importance to papers from developed and developing economies. We particularly encourage papers that address a mix of quantitative and qualitative research approaches and the translation of research into practice.

The partner journal for the symposium is <u>Sustainable Transport and Livability</u> (<u>TSTL</u>), <u>Taylor & Francis (T&F</u>). The review system and process of symposium has been fully integrated with the review system of TSTL, T&F. This will also ensure less hassle for authors and seamless publication experience. Hence, submissions should adhere to the manuscript submission guidelines established for the partner journal **Sustainable Transport and Livability (TSTL), Taylor & Francis (T&F**).

Detailed instructions for manuscript preparation can be here.

All submissions will be processed and reviewed as per review policies and standards of TSTL, T&F. For TSTL, T&F submission portal: <u>Click here</u>.

Please ensure to select "WSSTL-2025" from the drop-down menu for article type while submitting the paper in the TSTL, T&F submission portal. Failing to select the correct article type will lead to the paper not being considered for WSSTL-2025. Also, all submitted papers will be reviewed and included for both the symposium as well as the TSTL special issue of "WSSTL-2025" if accepted. Further, in the cover letter, authors should clearly state that the paper submission is under the Special Issue WSSTL-2025. In the Acknowledgement, authors should also add the following: "Authors acknowledge the opportunity to present their paper in 1st World Symposium on Sustainable Transport and Livability (WSSTL-2025) as well as publish it in this journal."

By submitting your paper, the author(s) consent to considering their paper for both the symposium and TSTL special issue (SI). All papers published in the SI will be published open access with a 100% article processing charge (APC) waiver as per the partner journal agreement. Please note that at least one author of all accepted papers must register for the symposium by 31st March 2025 to ensure inclusion of their paper in the symposium program as well as publication in the TSTL SI.

WSSTL Best Paper Awards

The WSSTL Best Paper Awards will be presented to the three best papers, as recommended by the WSSTL-2025 Award Review Committee (ARC). If the ARC finds no paper suitable for the award(s), they can recommend no suitable paper found. More details will follow in due course.

Important Dates

Call for papers:1st October, 2024Portal opens for submissions:1st October, 2024Deadline for submission of full papers (extended):15th December, 2024Decision on submissions:15th March, 2025Early Bird Registration:1st December 2024 to 31st March 2025Last date for at least one author registration:31st March 2025Symposium Days:25th - 27th June 2025

Further details: Visit the WSSTL 2025 website at WSSTL-2025 Website (https://wsstl2025.iisc.ac.in/) or scan the QR code given below.



Wish to become a member of WCTRS? <u>Click here</u>

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All correspondence related to the symposium can be addressed to the undersigned symposium secretariat

IISc Sustainable Transportation Lab (IST Lab), Room No.206, Old Masonry Building, Department of Civil Engineering Indian Institute of Science (IISc) Bengaluru-560012, Karnataka, India. Email ID: wsstl2025.civil@iisc.ac.in Phone: +91-80-2293-2939

Prof. Ashish Verma, Indian Institute of Science, India. Chair, SIG F4.



On the Road to the WCTR 2026 in Toulouse

Online Flagship Research Panel Solutions for Sustainable Aviation

Registration Link

We are pleased to invite you to the **Online Flagship Research Panel: Solutions for Sustainable Aviation**, taking place on <u>December 12, 2024, at 4:00 PM CET</u> (60 minutes). This event is part of the lead-up to the World Conference on Transportation Research (WCTR) 2026, organized by Toulouse School of Economics (TSE), to be held from July 6 to 10, 2026, in Toulouse. This international event will bring together experts in the transportation field from across the globe.

Panel Moderator:

Christian Gollier, TSE Research Faculty & Director of TSE

Featured Speakers:

- Sabine Klauke, CTO & EVP Engineering, Airbus

"There is a credible roadmap to decarbonize aviation, and Airbus is paving the way."

- Thierry Poinsot, Senior Researcher, Institute of Fluid Mechanics, Toulouse

"Hydrogen is often seen as the future of transportation. We will discuss possible showstoppers for this strategy and focus on the safety of a hydrogen infrastructure in terms of leaks, fires, and explosions."

- Marc Ivaldi, Professor of Economics, TSE & Conference Director, WCTR 2026

"Technological solutions towards sustainable aviation are still far away. To boost innovations and fight carbon emissions, market-based solutions must be implemented now."

We look forward to your participation.

Best regards,

Pr. Tae Hoon Oum, President of WCTR Society

Pr. Lóránt Tavasszy, Chair of the Scientific Committee

Pr. Martin Trépanier, Scientific Committee Vice-Chair Conferenc

Pr. Daniel Sperling, Co-Secretary General of WCTRS

Pr. Giovanni Circella, Co-Secretary General of WCTRS

Pr. Marc Ivaldi, Conference Director, WCTR 2026

Registration Link:

https://us06web.zoom.us/webinar/register/WN_gXSwpFgsQG2HAJekWb2Hw#/registration

Strengthening Global Logistics: Insights from SIG B3's November Seminar



As global logistics networks face mounting disruptions—from infrastructure maintenance to environmental challenges—building resilient transport networks has become critical for ensuring reliable supply chains.

On **14 November 2024**, SIG B3 hosted an engaging online session exploring the robustness of intermodal transport chains. We had the pleasure of welcoming **Jürgen Albersmann** (CEO of Contargo Trimodal Network and UIRR Board Member), who shared practical insights from a logistic service provider's perspective and highlighted several pressing issues shaping the German and European intermodal transport landscape:

Key Challenges in European Intermodal Logistics:

- 1) Rail Corridor Overhauls: Germany's major rail corridors will undergo extensive maintenance over the next decade. With 2,400 km of tracks scheduled for updates, prolonged closures will significantly disrupt logistics.
- **2) Capacity Strains**: Available detour routes lack sufficient capacity to absorb displaced freight, intensifying network congestion.
- **3)** Unplanned Disruptions: Strikes, infrastructure failures, IT outages, and staffing shortages at critical nodes exacerbate the impact of planned construction work.
- 4) **Technical Limitations**: Although longer trains pose a potential solution, they are deprioritized because lines and passing tracks are not designed for longer trains.

The session then broadened its scope to global logistics challenges, with contributions from **Gilbert Bal** (Senior Business Manager, Port of Rotterdam) and **Eric Shen** (CEO, Shen

and Associates, LLC, and former senior US government official). Together with Jürgen Albersmann, they offered a candid perspective: **there are no quick fixes for the industry's challenges**.

Aside from pressing issues, the industry also faces broader challenges: political, environmental, and community risks are often poorly understood across the logistics chain, hindering cohesive, effective solutions, and limited progress in infrastructure development and policy reforms underscores the need to focus on innovative data exchange and operational optimization.

While solutions remain complex, the session highlighted several actionable strategies for building resilience in logistics networks:

- **Technological Innovation**: Adapting barge technology to address climate challenges, such as low water levels, is essential for maintaining inland waterway efficiency.
- **Strategic Freight Shifting**: Redirecting volumes to alternative corridors to alleviate bottlenecks.
- **Buffer Creation**: Building network capacity to manage both planned and unforeseen disruptions.
- Enhanced Digital Integration: Strengthening communication systems for more agile rerouting.

A heartfelt thank-you to our speakers and participants for making this event a success! We look forward to continuing the conversation. Stay tuned for the next **SIG B3 seminar** in **2025**!

Prof. Ralf Elbert, Technical University of Darmstadt, Germany. Chair, SIG B3.

Invitation to Participate and Submit Papers for TIPCE 2025 - 3rd International Conference on Transportation Infrastructure Projects

Warm greetings from the Transportation Engineering Group, Indian Institute of Technology Roorkee!

We are pleased to invite you to contribute to the **3rd International Conference on Transportation Infrastructure Projects: Conception to Execution (TIPCE 2025)**, which will be held from **September 18-21, 2025**. As a leading forum for the exchange of knowledge and best practices in transportation infrastructure, TIPCE provides an invaluable opportunity to present your research, collaborate with peers, and engage in insightful discussions. This prestigious event brings together **academics**, **industry experts**, **and decisionmakers** to explore cutting-edge research and practical solutions in transportation infrastructure. As a professional working in this field, your contribution would greatly enrich the conference.

We encourage you to consider **submitting your research papers** and **presenting your findings** at TIPCE 2025. It is an excellent platform to showcase your work to a global audience and engage with fellow researchers and practitioners.

Why participate in TIPCE 2025?

• A chance to present your **innovative research** and contribute to discussions on the latest trends and challenges in transportation infrastructure.

• **Network with experts** from academia, industry, and government bodies to foster collaborations.

• Special sessions highlighting breakthrough advancements and technologies in transportation.

• A global stage to enhance the visibility of your work in the field.

For more information on paper submissions, conference themes, and participation, please visit <u>http://tipce.iitr.ac.in</u>. The deadline for submission of research papers is December 25, 2024, and we look forward to receiving your contributions.

We would be honored to have you join us at TIPCE 2025 and contribute to the ongoing conversations that will shape the future of transportation infrastructure. Should you need further details or assistance, please feel free to contact us at tipce@ce.iitr.ac.in or +91 1332 285033, +91 1332 284925.

Thank you for considering this opportunity, and we look forward to your participation.

Best regards, **Prof. Nikhil Saboo & Prof. Pushpa Choudhary** Organizing Secretaries, TIPCE 2025 Department of Civil Engineering Indian Institute of Technology Roorkee Call for Paper: EWGT2025, the 27th annual conference of the EURO Working Group on Transportation, to be held on 1-3 September 2025 at Edinburgh Napier University (UK)



We are pleased to announce the call for paper (<u>https://ewgt2025.co.uk/scope-topics/</u>) for the upcoming EWGT2025, the 27th annual conference of the EURO Working Group on Transportation, to be held on 1-3 September 2025 at Edinburgh Napier University (UK).

The conference aims to advance the use of operations research methods, mathematical and statistical models, and computational algorithms in transport analysis, planning and operations.

Accepted papers will be published in Transportation Research Procedia and we are arranging special issues with prominent transport journals, which will be announced shortly.

Key information (<u>https://ewgt2025.co.uk/author-guidelines-2/</u>)

Extended abstract (max 3 pages) submission: **19 Jan 2025** Notification of abstract acceptance: **28 February 2025** Full paper initial submission: **20 Apr 2025** Submission website: <u>https://easychair.org/account2/signin?l=5254778350038464658</u>

For full details, including submission guidelines, please visit our website <u>https://ewgt2025.co.uk/</u>

Call for Proposals for Papers in a New Book Comparing Transportation Systems' Performance and Policies

The International Transportation Economics Association (ITEA) is serving as a point of access to the transportation economics international community to recruit authors of papers for a new book comparing transportation systems' performance and to provide constructive policy recommendations.

The motivation and importance of such a book is readily apparent. Transportation economists throughout the world have conducted countless studies in their own countries of the performance of the transportation modes and infrastructure facilities as well as public policies to improve those services. However, they have not conducted a worldwide comparative study of the performance of transportation systems and policies toward modes and infrastructure.

Such a comparison would be very useful for identifying strengths and weaknesses of transportation systems and policies. For example, (1) Would a market-oriented perspective provide policy guidance that would be helpful for all countries to improve their transportation systems?; (2) Where and why would this perspective be inappropriate for a country or countries?; (3) Are some parts of particular countries' transportation systems good examples for other countries to help improve their systems?; (4) Are there common weaknesses and strengths of all countries' transportation systems or do all countries' transportation systems have different strengths and weaknesses?; and (5) Are there any countries whose policymakers seek to maximize welfare with their transportation policy decisions and do we know why they behave this way?

To address these and other questions, we are inviting people from countries all over the world to submit a proposal to assess a subset of the modes and infrastructure facilities that comprise their country's transportation system. The paper could be narrow and focus on the performance of a single mode and travel environment (e.g., urban automobile travel) or a single transportation infrastructure facility (e.g., urban highways), or broader (e.g., the urban and intercity passenger system). No one is precluded from assessing all the modes and infrastructure facilities in a country, but that would be an ambitious undertaking.

The goal of the paper should be to provide an economic assessment of the performance of the component(s) of the transportation system under study that draws on the relevant scholarly and descriptive evidence. Authors can judge performance in terms of how the welfare of the travelers and shippers who use the system is affected and more broadly in terms of how employment, trade flows, urban agglomeration, and so on, which depend on the transportation system, are affected. Transportation externalities also should be considered. An ambitious undertaking would be to judge performance in terms of how a country's overall economy is affected by its transportation system. Basic institutional material should be included to enable readers from other countries to understand the transportation performance issues assessed by the paper. New scholarly evidence is welcomed, but not required.

Proposals can be any length provided they clearly explain the transportation modes and infrastructure facilities whose performance will be assessed. It also would be useful to identify policies that will be considered for improving a mode's or infrastructure's performance.

The proposals will be read by the lead editor of the volume, Clifford Winston, and a coeditor who will be handling proposals for the transportation system's geographic location. Authors should understand that they are not competing for space in the book and that the editor and coeditors will strive to make constructive suggestions for both the proposals and eventual papers.

To give people adequate time to think about this project and prepare either a solo authored proposal or recruit coauthors and write a joint proposal, the **due date for all proposals will be April 1, 2025**. However, the editor will get back to authors who submit proposals on a rolling basis, so authors who submit proposals at least a few months before the due date can expect to hear back from the editor before April 1, 2025.

Authors will be expected to present drafts of their papers in sessions that parallel the teaching sessions that precede the ITEA conference in the summer of 2026. Authors will therefore have an opportunity to get feedback to help them prepare the published version of the paper. The exact dates and location of the 2026 ITEA conference are being worked out. Tentative plans have been made for Elsevier to publish the volume.

Please feel free to ask questions and to submit your proposal to Cliff. His email is <u>CWinston@brookings.edu</u>

We look forward to hearing from you!

Membership of the WCTRS

The World Conference on Transport Research Society (WCTRS) provides a forum for the interchange of ideas among transport researchers, managers, policymakers, and educators from all over the world from a multi-modal, multidisciplinary, and multisectoral perspective. Every three years, the Society holds the World Conference, where leading transport professionals from all countries and areas convene to learn from one another. WCTRS Montréal was held from 17th-21st July 2023.

In addition to our <u>Special Interest Groups</u>, which facilitate research activities and the exchange of ideas in 42 topic areas, the WCTRS has a number of Task Forces that conduct research into emerging issues in transport and aim to bridge gaps between research and policy-making.

All academics, practitioners, students and interested individuals are invited to apply to become an individual member of the WCTRS. You can apply to join at any time by completing <u>this online form</u> or returning the completed application form (see the link below) to the <u>WCTRS Secretary</u>.

The benefits of membership include:

- Access to a truly international network of transport academics and practitioners, which is the only such worldwide network, with over 1000 experts interested in transport research from over 80 countries.
- A wide variety of Special Interest Groups (SIGs), each dedicated to a specific academic topic, from mode-specific policy and modelling to solutions for climate change and disaster resilience. The full list can be found on the SIGs webpage.
- A free online subscription to the Society's two Journals: Transport Policy and Case Studies on Transport Policy.
- Online access to the proceedings of past conferences.
- Liaison with some 30 partner journals, which publish the best conference papers.
- Outreach to international organizations such as the International Transport Forum, World Bank and UNFCCC conferences.
- WCTRS Young Initiatives, including the WCTRS-Y Conference, grants awarded to young researchers, and dedicated newsletters and job information.
- Opportunities to contribute to the planning of a future World Conference through participation in Special Interest Groups and other Society activities.

More details: Click here

WCTRS RESEARCH NEWSLETTER

President **Tae OUM (University of British Columbia, CANADA)** Secretary General **Daniel SPERLING (UC Davis, USA) Giovanni CIRCELLA (UC Davis, USA)** Chair Scientific Committee Lori TAVASSZY (TU Delft, NETHERLANDS) Editor-in-Chief for "Transport Policy" Haijun HUANG, BeiHang University School of Economics and Management, CHINA Secretary Grant MATSON (UC Davis, USA)

December 5, 2024

Editor-in-Chief for "Case Studies on Transport Policy" Xiaowen FU, Hong Kong Polytechnic University, China

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