

TRB International Trade and Transportation Committee (AT020)

2023 Annual Meeting

Date and Time: January 10, 2023, 10:15 AM – 12 PM Eastern Time

Location: Independence Salon B (M4), Marriott Marquis and virtual meeting

Participants: Juan Carlos Villa - Texas Transportation Institute (AT 020 Chair), Maria Boile – University of Piraeus (AT020 Vice Chair), Elisa Arias – Retired SANDAG (Secretary), Isabel Victoria-Jaramillo- Cambridge Systematics (Paper Review Coordinator), Daniel Hackett – Hackett Associates (Committee Research Coordinator), Irina Benedyk – State University of New York at Buffalo (Committee Communications Coordinator), Chris Bachmann – University of Waterloo (Young Members Council Liaison), Mary Brooks – Professor Emerita Dalhousie University (Emeritus Member), Scott Babcock - TRB Staff, Paul Bingham - S&P Global, Maximilian Bauernfend - EU Agency for the Space Programme (EUSPA), Scott Sigman - Equinanimous Advisory Service Enterprise (EASE), Emily Hashimoto - Goldman Sachs, Daniel Covarrubias - Director Texas Center for Border Economic and Enterprise Development, Texas A&M International University, Mitch Kostoulakos - Ad Hoc Logistics LLC, Juan Carlos Espinosa – Texas A&M Transportation Institute, Steven Beningo – Retired, Dana Magliola, North Carolina DOT Freight and Logistics, Melisa Montemayor - HNTB, Walter Kemmsies – The Kemmsies Group, Hyeonsup Lim – ORNL, Rohan Shah - World Bank, Scudder Smith, Bill Eisele - Texas Transportation Institute, Agustina Calatayud – Inter-American Development Bank, Maurice Gendreau – Trade Commissioner Canada , Daniel Escoto - Texas Transportation Institute, Jolene Hayes – Fehr and Peers, Fatemeh Ranaiefar - Fehr and Peers, Ghim Ping (Raymond) – National University of Singapore, Monica Blaney – Transport Canada, Priti Zachariah – Transport Canada, Roozbeth Hosseini – Transport Canada, Tiffany Julien – US Federal Highway Administration, Josiah Blackwell-Lipkind – CPCS Transcom, Mark Wright – American Waterways Operators (AWO) and Louisiana House of Representatives, Lewis Lem – Port of Oakland, Erik Vargas - Texas Transportation Institute, Dana Magliola – North Carolina DOT Freight and Logistics, Binyam Reja – World Bank, Eduardo Calvo – El Paso MPO, Anne Strauss-Wieder, North Jersey Transportation Planning Authority, Lisa Weston – University of North Texas, Pierre-Olivier Legault Trembaly – Transport Canada, Cortney Robinson – International Civil Aviation Organization, Claudia Lagos Galindo, Texas DOT, Ronale Taylor – OST, Loretta Brown - Texas DOT, Sotirios Theophanis – University of Piraeus, Don Kang - Texas Transportation Institute, Emeric Humbert, Sergio Lugo - Avanti Engineering Group, Dimitrios Giampoura – IHS-Markit, Julie Abrams - US DOT, Paloma Salas - FOA Consulting, Taqhi Mohammed – Pace Bus, Lu Meng – SWARCO, Kirk Claussen – MARAD, Carlos Espindola Osorno – AECOM, Wajahat Nassar, Joe Celano – TRABUS, Celestin Nkundineza, David Quintana – New Mexico DOT, Jose Marquez-Chavez – California DOT, Martin Rojas - IRU, Mary Beth Eddy - CPCS Transcom, Andrew Edwards – FHWA Office of Planning (Southern Border Coordinator), Dan Seedah – Jacobs, Magdalena Asborne – ARA for USACE, Monique Stinson – US DOT, Bureau of Transportation Statistics, Okan Gurbuz – Texas Transportation Institute, Shannon McLeod – American Association of Port Authorities, Edie Elizabeth Wilson – Guidehouse, Steven Holliday – Louisiana Department of Transportation and Development, Aleksandra Maguire - S&P Global, Mitra Salehi Esfandarani - S&P Global

Minutes:

- I. **Welcome and Introductions:** Juan Carlos Villa, Chair International Trade and Transportation Committee, AT020, welcomed the participants and introduced Ms. Maria Boile, Vice Chair. Ms. Boile asked attendees to introduce themselves.

- II. **TRB Staff Report:** Scott Brotemarkle, TRB staff, shared that anticipated attendance at the 2023 Annual Meeting is about 10,000 participants. More than 5,000 papers were received, which are the first step to build the Annual Meeting program. There will be about 530 lectern and poster sessions and more than 400 meetings of Committees. Mr. Brotemarkle discussed the TRR, a peer-reviewed academic journal and the journal impact factor that continues to grow. The 2024 Annual Meeting is scheduled for January 7 through 11. Mr. Brotemarkle provided dates for submission of webinar proposals and upcoming conferences relevant to the Committee.

- III. **TRB Technical Activities Council (TAC) Meeting Update:** Mr. Bill Eisele, Chair of the Urban Freight Transportation Committee, provided an update on the TAC meeting and retreat. The discussion focused on re-invigorating Committees again, re-engaging with TRB, AASHTO and other organizations, identifying relevant funding sources for research, increasing outreach and communications and attracting new members, all with a diversity, equity, and inclusion lens. A survey, creating a FAQ about TRB, and a mentoring program at the Committee level were potential strategies mentioned, as well as increasing touch points with Committees throughout the year beyond the Annual Meeting. Mr. Eisele mentioned that TRB has been understaffed with several positions open. He also recognized the excellent leadership of AT020 Chair Juan Carlos Villa and the Blue Ribbon award granted by the TAC to AT020 for best practices in attracting and retaining members and friends from historically under-represented groups. Mr. Villa thanked Mr. Eisele and mentioned that his 6-year term as Chair is ending and Mr. Daniel Hackett has been nominated as the next Chair. He also thanked members and friends for their contributions during this period.

- IV. **Committee Business**
 - a. **The 2022 Pre-Annual Meeting minutes:** Elisa Arias, Secretary, provided a brief summary of the December 8, 2022 Pre-Annual Meeting. This meeting was held virtually with approximately 25 attendees. She highlighted topics covered, which included a summary of the July Mid-Year meeting, the status of Research Needs Statements, updates from the Young Members Council, and papers submitted for the 2023 Annual Meeting. The Committee also discussed presentations and planning for activities during the Annual Meeting.

- b. **Young Members Council (YMC):** Chris Bachmann, YMC Liaison, highlighted the YMC and Subcommittees Sponsored Sessions, as well as the agenda for the YMC meeting, as opportunities, especially students, to get involved with TRB.
- c. **Future Call for Papers/Posters Database:** Daniel Hackett, Committee Research Coordinator, explained that one Research Needs Statement (RNS) was released in 2022. He discussed potential ways to share RNS with the intent of receiving more research paper submissions including reaching out to universities and research institutions, sharing list-serves from Committee members and friends. A brief summary of research being conducted by Scudder Smith, WSP, related to shifts in coastal shares of US container trade was presented.

V. Freight News

- **Freight Analysis Framework (FAF):** Monique Stinson, US DOT BTS, presented an update on FAF. Version 4.1 was released in December 2022. The goal is to release annual updates in April of the following year. Future enhancements will include multimodal assignment beyond truck data, modernization with new data and methodologies, county to county flows, tracking different commodities and improving international flows, specially imports. Ms. Stinson requested feedback from the attendees on how FAF is being used to FAFDOT.gov.
- **Decarbonization:** Dr. Binyam Reja, Practice Manager, Global Transport Unit, The World Bank presented an update on research related to decarbonizing maritime transport to enable an effective and equitable transition toward zero-carbon shipping. Dr. Reja's presentation is included in the overall AT020 Committee Annual Meeting presentation posted at <https://www.trbtradetransportation.org>.

VI. AT020 Poster Summary Presentations: Researchers summarized posters available at the AT020-sponsored Poster Session on the following topics. Presentations are included in the overall AT020 Committee Annual Meeting presentation posted at <https://www.trbtradetransportation.org>.

- Trade vulnerability to maritime disruptions: evidence for Latin America by Agustina Calatayud
- Heterogeneous maritime trade vulnerability: an impact evaluation for emerging Economies by Agustina Calatayud
- Impacts of COVID-19 at the U.S.-Mexico Land Ports of Entry by Daniel Escoto
- Multi-Output Chaining for Time Series Forecasting to Estimate Impact of Supply Chain Disruption: Case of Russia's Invasion of Ukraine on US Import and Export by Hyeonsup Lim

- Container Shipping and Supply Chain: Post Covid implications and trends by Sotirios Theofanis and Maria Boile

VII. Potential Research Topic Presentations and Discussion: Researchers made presentations on emerging topics shown below. Presentations are included in the overall AT020 Committee Annual Meeting presentation posted at <https://www.trbtradetransportation.org>.

- Impacts of Nearshoring on International Trade at the Texas Mexico Border by Claudia Lagos, Texas Department of Transportation.
- Smart Borders: The key to more resilient International Trade and Cross-Border Transportation by Daniel Covarrubias, Texas A&M International University

VIII. “30-second” Announcements:

- Chair Villa mentioned that the AT020 Mid-Year Meeting will be organized, possibly in combination with other meetings or committees. A field trip could be included as part of this meeting.
- Monica Blaney, Transport Canada, will provide an update by email on current work to be shared with the Committee.

IX. Adjournment: Mr. Villa and Ms. Boile thanked the participants for attending the 2023 Annual Meeting. Notes will be posted in the AT020 Committee web site (<https://www.trbtradetransportation.org>).