

AJE35—Standing Committee on Research Innovation Implementation Management
(RIIM) Triennial Strategic Plan (TSP) 2022-2024

Chair: Cynthia Jones, Ohio DOT

Background

Name: TRB Standing Committee on Research Innovation Implementation Management (RIIM) Management Issues Section (AJE). There is coordination within the section and member committees.

Creation: RIIM was created in the 2020 TRB committee restructuring. The former Standing Committees on the Conduct of Research (COR) and Technology Transfer (T2) were combined into one.

Scope: The Research Innovation, Implementation and Management Committee (AJE35) explores research and innovation processes and life cycles, from formulating needs through conduct of research and development efforts to technology transfer and implementation activities.

- Identifying gaps and opportunities
- Formulating needs
- Generating ideas
- Developing scopes
- Adapting research and innovations
- Conducting research and development
- Evaluating research and innovations
- Advancing technology transfer
- Facilitating implementation and deployment
- Determining and sharing the value of research and innovation

Placement: RIIM is within the Policy and Organization Group, and the newly created Executive

Changes: At this time, no name or scope change is requested.

Outlook

Future Statement: The next several years will be busy for research and innovation, which will be driven by the following:

- National priorities, including:
 - New presidential administration/Secretary of Transportation
 - Anticipated transportation appropriations bill
 - Mid-term elections in 2022
- Rapidly changing technology, examples:
 - Connected/autonomous vehicles and infrastructure (CAVIS)
 - The push toward electric-only automobiles
 - Augmented reality
 - The “automation tsunami”
- Maintaining infrastructure with allotted funding, how research and innovation can help:
 - Public transit
 - Roads and bridges
 - Air travel
 - All modes

Diversity, Equity, and Inclusion

RIIM will focus on increasing the diversity of the work we do, as well as our membership. We will explicitly work to foster inclusion beyond the core membership of US state DOT leaders:

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- Young Members Coordinating Council (YMCC)
- International Coordinating Council (ICC)
- Regional
- Demographic
- Areas of expertise
- Modal

Focus Areas

RIIM will focus on the following in the coming years:

- Membership rotation/right-sizing in 2022
 - Getting membership back to pre-restructure size
 - Job turnover, which affects the committee if someone moves out of the subject area
 - Succession planning for task group/subcommittee chairs and workers
- Continued collaboration with other TRB committees, examples:
 - Co-sponsoring workshops, poster sessions, and lectern sessions at the TRB Annual Meeting
 - Co-sponsoring webinars with other entities
 - Collaboration not only with TRB, but also AASHTO, FHWA, ICOP, A.I.I., academia, and the private sector.
 - Leading the Council of Committee Research Coordinators (CRCC)
- Incorporating innovation into the committee's mission and goals
 - Innovation life cycle
 - Faster deployment of research results and innovations
 - Not all innovations come from research—we must address the ones that do not as well as the ones that do.

Plan

RIIM plans to do the following to achieve the goals above and our mission:

- Research Needs
- Communications
 - Keep content on the website current
 - Continue to provide meeting minutes and materials, including keeping a regularly updated distribution list
 - Continue the *Guideway* newsletter and relevant content each month
 - Continuous improvement on communication of committee's goals and activities
- Paper Review
- Service to TRB/Ahead of the Curve
- Back to Basics
- Subcommittee on Coordination, Collaboration and Outreach
- Subcommittee on Emerging Technologies