

MEETING NOTES:

NCITE Planning Methods and Applications Committee

Suite 416 South
2550 University Avenue West
St. Paul, MN

May 31, 2017

11:30am – 1:30pm

AGENDA

1. Introductions – *There were 13 attendees. All introduced themselves, including name and organization, and signed in on an attendance roster*
2. Roster Update – *Steve Ruegg noted that we will be editing our committee roster to remove those who are no longer in the area, and add others who were not otherwise on our official roster. He asked for all those present to forward on to him any potential members and their contact information.*
3. Discussion on potential projects – *Steve Ruegg led a discussion of several potential topics of interest for the committee. The discussion was intended to introduce broad topic areas, and suggest more specific topics and goals that we might use to focus our attention. At this point, we are presenting these as potential topics only, and we will be sending out a survey this summer for members to register their preference.*
 - a. Methodologies for Subdividing TAZ in ABM models – *A methodology was presented for systematically splitting the vehicle trip origins and destinations using relevant socioeconomic variables in the split zones. Other similar approaches were also used by other members. Discussion was had regarding the product, whether it be an application, set of standards, or written methodology. It was noted that for many applications, simple post-processing procedures are preferable to other procedures that require extensive modeling expertise.*
 - b. Big Data – *Jim Henricksen noted that MnDOT will have access to streetlight data soon. General discussion was had as to how we might use this data, and what specific applications might be developed as a topic of study.*

- c. DTA – *Steve noted that the Twin Cities DTA model training was coming up. Aspects of DTA applications were discussed that might lead to specific research topics.*
 - d. ABM Applications – *Discussion of the new Twin Cities ABM and how this model might be investigated. Steve Ruegg noted that research into how to make the transponder submodel more responsive to future forecasts would be an important improvement to the regional model's forecasting ability.*
 - e. AV/CV – *Steve Ruegg noted the recent work on AV/CV implications to modeling, and there was some discussion on what specifically might be investigated in this broad area.*
4. Liaison with Iowa and Wisconsin Modeling Groups and Academic Links – *Mr. Ruegg noted that several members often attend Iowa's MTMUG. Other members who might attend other modeling groups, such as in Wisconsin, might serve as liaisons to this group in the furtherance of reporting what other modelers in the upper Midwest are doing.*
5. Committee Website
http://nc-ite.org/content.php?page=Planning_Methods_and_Applications_Committee
Steve showed the committee website and noted that future meeting dates, meeting agendas and summaries will be posted, along with future meeting dates. Other suggestions regarding what could be added to this website should be forwarded to Jim H or Steve R.
6. Updates on member activities and on-going projects – *Angie Stenson, of Scott County, noted that SRF is working with them to develop their county model. They are currently compiling the socioeconomic data. Steve R. described the work they were doing in Dublin, OH.*
7. Summary of TRB Planning Applications Conference – *The recently-completed Planning applications conference was held in Raleigh, NC. Main themes were AV/CV, DTA and Big Data.*
8. Schedule for meetings through December 2017 and remote access. -- *The next meeting will be held in Mid-September 2017, and the meeting after that will be held in late November or early December this year.*

Attendees:

Name	Organization	Email
Steve Ruegg	WSP	Steve.ruegg@wsp.com
Krista Anderson	SRF	kanderson@srfconsulting.com
Benjamin Nault-Maurer	SRF	Bnault-maurer@srfconsulting.com
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