Scope:
The rise of shared mobility, manifested by services such as car-sharing, ridesourcing, bike-sharing and
crowdsourcing delivery, is fundamentally changing the landscape of travel and transport. As the vehicle
automation and connectivity technology matures, these shared mobility services could eventually evolve
into a powerful alternative to the current model of car ownership. Moreover, the collective ownership,
being more rational and having a greater bargaining power for infrastructure improvement, may favor
electricity as the primary fuel due to much lower operating and environmental costs. These three trends,
namely sharing, automation and electrification, have occupied much of the ongoing research efforts in
the field of transportation in recent years. As researchers begin to engineer the next generation of
analytical tools tailored to these emerging conditions, a daunting challenge is how to apply these tools to
properly inform public policies pertinent to design, operations and management of the future
transportation systems. Because policies typically aim to achieve certain societal goals by influencing
human behaviors, policy making processes must anticipate complex policy-human interaction and take
their effects into account. It is this particular challenge that the present Special Issue of Transportation is
focused on. Specifically, submissions that broadly fit the following profile are most welcome:

1. Addressing a system application related to one (or more) of the following themes as explained
   above: sharing, automation and electrification;
2. Employing a quantitative system analysis tool. Network models is probably the most obvious
   example, although other system analysis tools may be accepted as the editors see fit; and
3. Considering policy-behavior interactions in the tool and/or exploring policy implications in the
   analysis.

Important dates:
• Special issue article type becomes available in EES: October 1, 2017
• Submission deadline – December 1st, 2017
• Author notification of first round of reviews – March 1st, 2018
• Author notification of second round of reviews (if needed) – September 1st, 2018
• Special issue completed – January 31, 2019

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