



***Special Session (SS14) on:
Regional Impact of High Speed Rail***

Organizer:

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The aim and scope:

High-Speed Rail (HSR) has received increasing attention worldwide. Given its fast speed of operation and clean energy consumption, the system is considered an efficient and sustainable surface transportation mode. Since the launch of the first true HSR line between Tokyo and Osaka in Japan in 1964, HSR has been widely introduced in both developed countries (such as France, Germany, Italy, Spain, Korea, and Japan) and developing countries (such as China, Turkey, Morocco, and Uzbekistan). While people in these countries have begun enjoying the benefits of HSR, the planning and investment of HSR in other countries, such as India, Indonesia, and Malaysia, still face substantial debate as it remains unclear whether the large cost of developing HSR infrastructure may be offset by the benefits the system is expected to generate. Furthermore, given that many countries have a financial constraint for infrastructure development, it is also unclear whether the development of HSR is economically feasible and financially sustainable.

The objective of this special session is to discuss and explore the regional impact of HSR with a focus on evaluating its broader socioeconomic impacts on regional growth and development. Although priority will be given to the studies that focus on developing countries, experiences and analysis of the HSR systems in developed countries are also welcome.

To facilitate a fruitful discussion, priority topics of this special session include, but are not limited to, the following aspects:

- Impacts of HSR on regional economic growth (e.g. GDP, employment, wage, income, firm productivity, housing price, and tourism);
- Impacts on land use – including sprawl, community development;
- Impacts on modal competition and complementarity;
- Impacts on travel behavior, and time use;
- Impacts on social equity and quality of life;
- Assessment of financial performance and sustainability of the systems;
- Planning and policy analyses to support developing a resilient and sustainable HSR system; and
- New approaches (e.g. new data and novel methods) for HSR project appraisals.

Please submit your paper directly to the RSAI Congress website as an individual paper. Also email a second copy of your abstracts to the session organizer, Zhenhua Chen. Please put

“RSAI Congress HSR special session” in the subject line of your email. If you have already submitted your paper or abstract through the RSAI Congress online portal, please email a copy to the organizer noting your interest.

For more information or questions, please contact: Zhenhua Chen, The Ohio State University, chen.7172@osu.edu.

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