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Spatial Impacts of Transport Innovations

Session organisers: Simon Blainey, University of Southampton, S.P.Blainey@soton.ac.uk Richard Knowles, University of Salford, R.D.Knowles@salford.ac.uk Throughout the history of transport, innovations in transport infrastructure, vehicles and operations have frequently been developed. Some of these innovations have rapidly become part of the established landscape of transport provision, while others have proved unsuccessful and have disappeared from the scene, often leaving little trace. The impacts of transport innovations can though go far beyond their immediate contribution to facilitating the movement of people and goods, and can include potentially wide-ranging and spatially variable impacts on population, economic, social and cultural geographies, and the relative location of places. An understanding of the broader impacts of transport innovations is particularly important in the context of human-induced climate change. The urgent need to reduce transport-related carbon emissions has led to a wide range of transport innovations being proposed in recent years, but the focus on carbon reduction can mean that the broader spatial impacts of such innovations are overlooked when determining whether or not they are likely to provide a viable solution to the challenges facing transport systems. This proposed session will explore the impacts of innovations in transport systems on transport and other geographies, with a particular focus on how these impacts vary spatially. The session will cover both the observed impacts of historical innovations and the potential impacts of ongoing and future innovations in transport systems. Contributions relating to unsuccessful or spatially restricted transport innovations would be particularly welcome, but papers relating to any form of innovation in transportation will be considered. Both quantitative and qualitative approaches are welcome, as are papers from any disciplinary background. Topics could include, but are not limited to: EScooters Electric bikes Bike hire schemes TramTrains High Speed Trains Low cost airlines Airships Transit Oriented Development Fixed Links Roll-on/Roll off Train, Car and Passenger Ferries Overnight Trains Electric vehicles Mobility as a Service (MaaS) If you are interested in presenting a paper in this session, please send a short (up to 250 words) abstract along with the names, email addresses and affiliations of all

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authors to the session convenors by Friday 10th March at the latest. The session is being co-sponsored by the RGS Transport Geography Research Group (TGRG) and the International Geographical Union's Commission on Transport and Geography.

Date de début

Tue, 08/29/2023 - 09:00 - Fri, 09/01/2023 - 17:00

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London

Organisé par

Royal Geographical Society (with Institute of British Geographers) Annual Conference

Source

<https://www.rgs.org/research/annual-international-conference/sustainability-at-the-conference/>

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