



a critical perspective on urban studies

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## Call for Papers

# Megacities, Mobility and Greenhouse Gas Emissions

Guest-editors ([urbespecial@gmail.com](mailto:urbespecial@gmail.com)):

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Climate change and energy security are some of the key challenges for the 21<sup>st</sup> century. The energy demand of cities in developing and emerging countries is growing rapidly. Urban areas cover only 2% of the earth's surface and are home to just over 50% of its population; but, they are responsible for three-quarters of global energy consumption as well as approximately 80% of the global greenhouse gas (GHG) emissions.

As the number of megacities around the world increases, transport demands and supply continue increasing, and car ownership intensifies due in part to car-oriented urban planning, including in developing countries – increasing the already high-energy use and GHG emissions.

This issue of **urbe** will give an overview of the trends, challenges and possible solutions for a more sustainable urban transportation. Technical solutions are required, but so are innovative planning and policy solutions to reduce motorized traffic and, consequently, GHG emissions.

This special section is edited by Wulf-Holger Arndt, head of the research unit "Mobility and Space", and researcher at the Center for Technology and Society, Technische Universität Berlin ([www.tu-berlin.de/ztg/mobility](http://www.tu-berlin.de/ztg/mobility)), and Christopher Zegras, resident principal investigator at the "Future Urban Mobility" research group, Singapore, and associate professor at the Massachusetts Institute of Technology (<http://czegras.scripts.mit.edu/web>).

We welcome submissions examining how sustainable transport systems, urban planning, and related policies might limit GHG emissions related to traffic in megacities. We particularly encourage papers on, yet not limited to, the following themes:

- Urban development, transport trends in megacities and GHG emissions
- Traffic impacts in megacities
- Data collection issues related GHG emissions
- Modeling systems for traffic related GHG emissions in megacities
- Concepts for sustainable mobility and traffic-related GHG reduction
- Planning instruments for lower-carbon transportation systems
- Concepts for active mobility (walkability, biking) and enhanced public transit and paratransit to reduce traffic-related GHG emission

### SCHEDULE

Full paper (5,000 to 8,000 words, in English): **by April 30, 2015**

Expected publication date: **September 2015**

### SUBMISSION

All papers will be submitted to a double-blind peer-review process.

**Papers must be submitted through our online system, available at <http://mc04.manuscriptcentral.com/urbe-scielo>.** We will not accept submissions by e-mail.

### IMPORTANT:

1) When submitting your paper through the online submission system, please choose the option "**Special Section**" on "manuscript type" (step 1).

2) Then on the "Title" box (step 1) add the following sentence, within square brackets, to the end of your paper's title: [**special issue on Megacities and Mobility**]

Enquiries can be forwarded to [urbespecial@gmail.com](mailto:urbespecial@gmail.com).

Authors Guidelines are available at [http://bit.ly/authors\\_urbe](http://bit.ly/authors_urbe).