Urban and regional mobility needs to be both intelligent and sustainable, especially when confronted with not only the high efficiency required by continually increased travel demands, but also the environmental issues which must be solved today. Therefore utilising, for instance, electric powertrain techniques and advanced in-vehicle information to enable evidence-based developments of our transport systems is becoming increasingly essential. Though many researchers and practitioners have made continuous efforts, the wide adoption of sustainably intelligent travel modes by the public is still a challenging task due to various difficulties such as seamlessly incorporating intelligent electric vehicles into our existing transport systems, intelligently integrating the operations of different travel modes into unified coordinated transport systems, and data and information generation. These issues cover a broad interdisciplinary area of research and development toward the success of the next generation of mobility solutions.

The objective of this special issue is to propose a systematic vision of sustainably intelligent mobility (SIM) in urban and regional transport fields embracing different aspects of the integration of transport. All submitted papers should address issues pertinent to the theme of this special issue and fall within the scope of *IET Intelligent Transport Systems*.

Topics of interest include but are not limited to:

- Systematic modeling and simulation for SIM
- Integrated operations of different travel modes
- SIM and individual travel behavior
- Big data and in-depth study in SIM
- Communications between intelligent vehicles
- Safety and human factors in SIM
- Emission control and energy saving for SIM
- Sustainably intelligent freight transport

All papers must be submitted through the journal’s ReView system: [https://www.iet-review.rivervalleytechnologies.com/journal/its](https://www.iet-review.rivervalleytechnologies.com/journal/its)

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