

Special Issue

Considering Irreversibility in Transport Infrastructure Planning

Message from the Guest Editors

Considering irreversibility implies a fundamental change of planning and decision support into the following directions:

- integrated systems assessment supplementing project assessment,
- target-based planning and decision support,
- new methodologies for integrating very long-term and irreversible environmental and climate impacts,
- consideration of social and regional equity,
- integration of innovative options for mobility and logistics and necessary conditions for their sustainable application,
- urban and regional planning with a clear preference for non-motorized transport and for avoiding an over-concentration of population,
- changing working locations and conditions for reducing commuting,
- integration of complementary infrastructures, like regenerative power supply, communication and control technologies, charging and fueling facilities.

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