

# PERI-CENE (Peri-Urbanization & Climate-Environment Change)

## PROJECT SUMMARY

JR 09-01-19

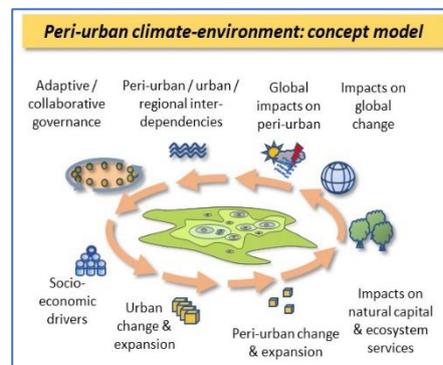
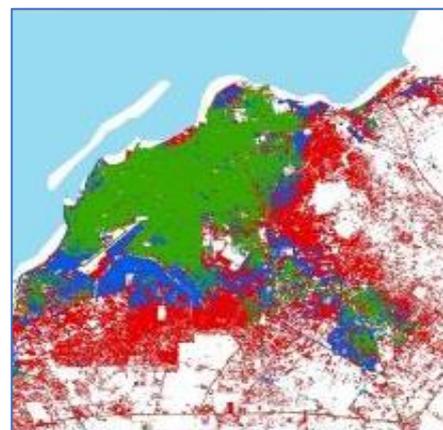
**Embargo 13<sup>th</sup> Feb – not for circulation**

From space, the human impact on the planet is seen by the spread of cities, but cities themselves are spreading into much larger sprawling areas around and between them. The planet has arguably entered the **'Peri-cene'** – a new global human-environment system shaped by peri-urbanization. Around the world the peri-urban shows global hubs and local enclaves, sprawl and disorder, disruption of communities and livelihoods, and in particular, growing climate risks and ecological disruption. It is also crucial to the Nexus of urban food, energy and water, and three Sustainable Development Goals: (11) Sustainable Cities and Communities, (13) Climate Action, and (15) Life on Land.

The PERI-CENE project will provide the first ever comprehensive assessment of global peri-urbanisation, with its climate impacts, risks and vulnerabilities. It will provide a global typology and global assessment with an interactive Peri-urban Analysis Tool. It creates new synergies and pathways in a Policy Lab with 24 city-regions from around the world, and deeper case studies in India and UK.

The research starts with a peri-urban / environment framework and typology. This feeds the spatial data analysis and online Toolkit, based on the Global Human Settlements Layer. A partnership and platform brings together 24 city-regions around the world, with UN Habitat, UN Global Compact on Cities, and ICLEI. Each partner has access to the Policy Lab and the Peri-urban Analysis Toolkit, and a major international workshop. Two in-depth case studies from India and the UK, represent contrasting types: finally the co-creation of adaptive pathways, aiming for tangible policies / programs, and mobilizing the collective policy intelligence at local, regional and international scales.

Overall this is a pilot and agenda setting project, paving the way for more detailed follow up. It builds on major EU projects and data resources, and on existing clusters of expertise in Chennai, Manchester and Stockholm. The result will set the agenda for the Peri-cene, in theory and practice, at local and global levels.



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Temporary site - <https://co-evolutionary.com/peri-urban-project/>

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Research organizations include: University of Manchester (Centre for Urban Resilience & Energy): Indian Institute of Technology Madras (Indo-German Centre for Sustainability): KTH Stockholm.

City partners / collaborating organizations include: Melbourne, Changsha, Surabaya/Malang, Bangkok, Chennai, Cairo, Johannesburg, Kumasi, Naples, Helsinki, Greater Manchester, Belo Horizonte, Toronto, San Diego, Mexicali, UN Habitat, UN Global Compact on Cities, and ICLEI (International Council for Local Environmental Initiatives). Associates include: State of Victoria Government, Tokyo, Guangzhou, Dhaka, Doha, Spatial Planning Authority Ghana, Santiago.