



INTERMEDIARY CITIES AND CLIMATE CHANGE



Rural-Urban Linkages Seminar in preparation of
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WHY INTERMEDIARY CITIES IN DEVELOPING COUNTRIES MATTER FOR CLIMATE CHANGE?

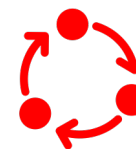
- Pillar of urbanization process
- Dynamic and heterogenous agglomerations
- Their structural characteristics and functions makes them particularly vulnerable to climate shocks
- Increasingly important actors for mitigating GHG emissions



How does climate change affect ICs?



IC's growth patterns, and their intermediation role, exposes them to the compounded effects of climate change...



Direct effects

- Heatwaves
- Water stress and droughts
- Flooding and storms
- Sea level rise

Indirect effects

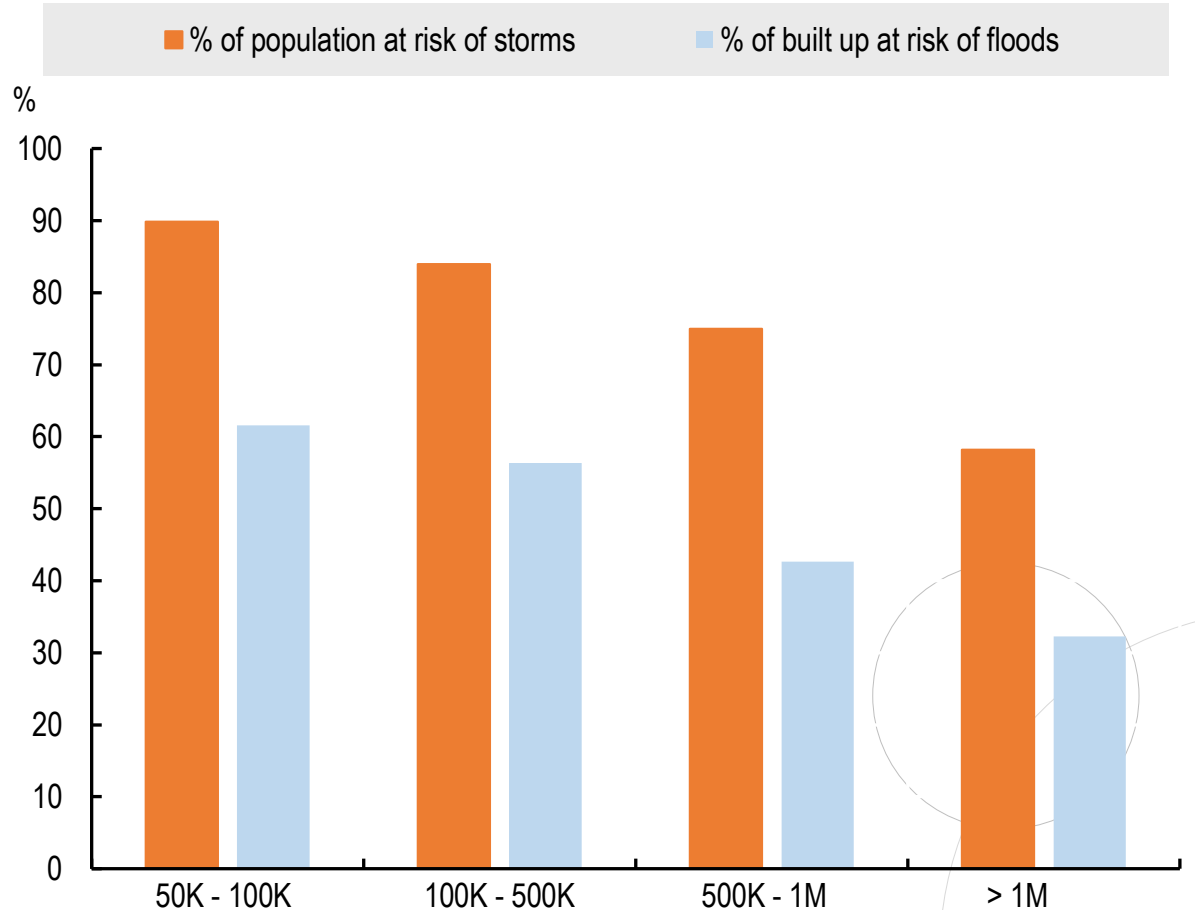
- Disruption in food-systems
- Climate-induced migration
- Connectivity

... further exacerbated by

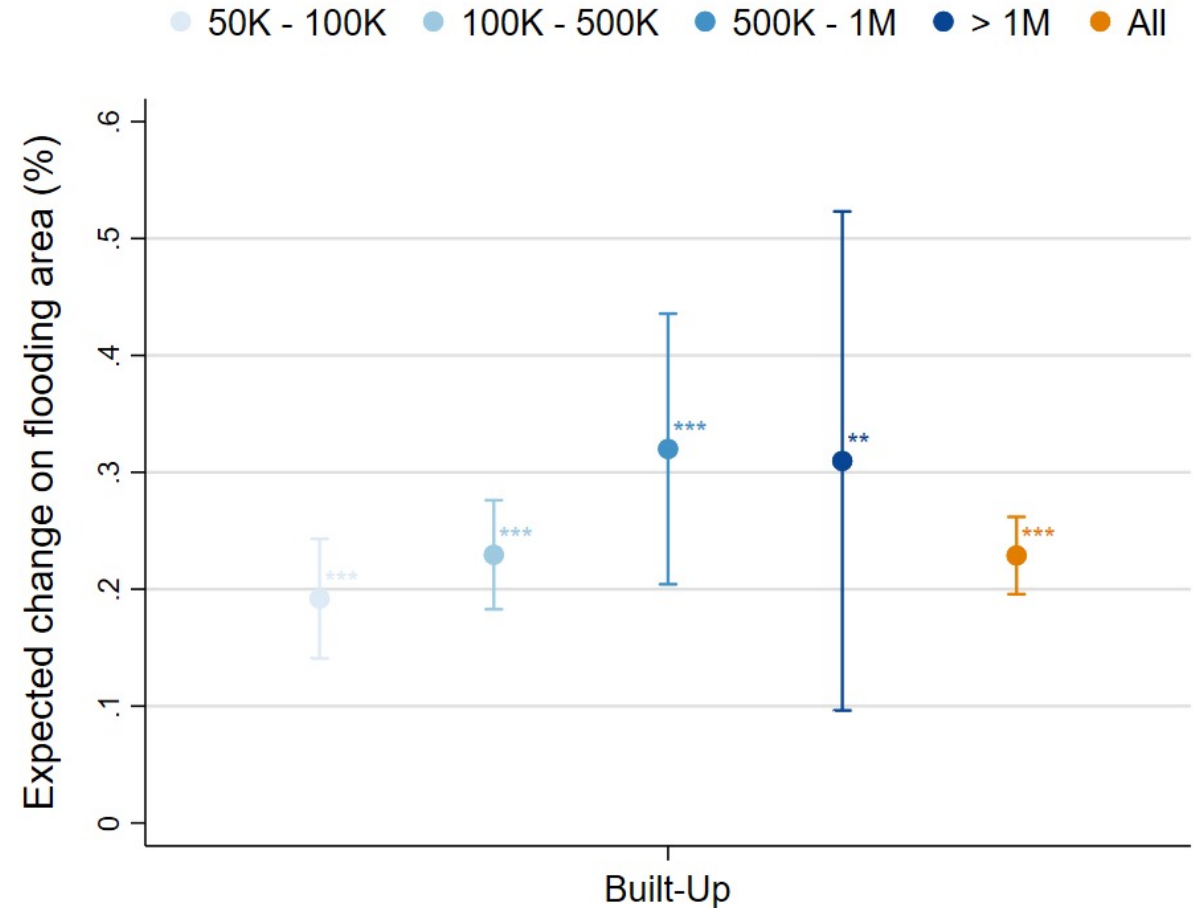
- UHI
- Pollution



Direct effects of climate are not the same within the urban system



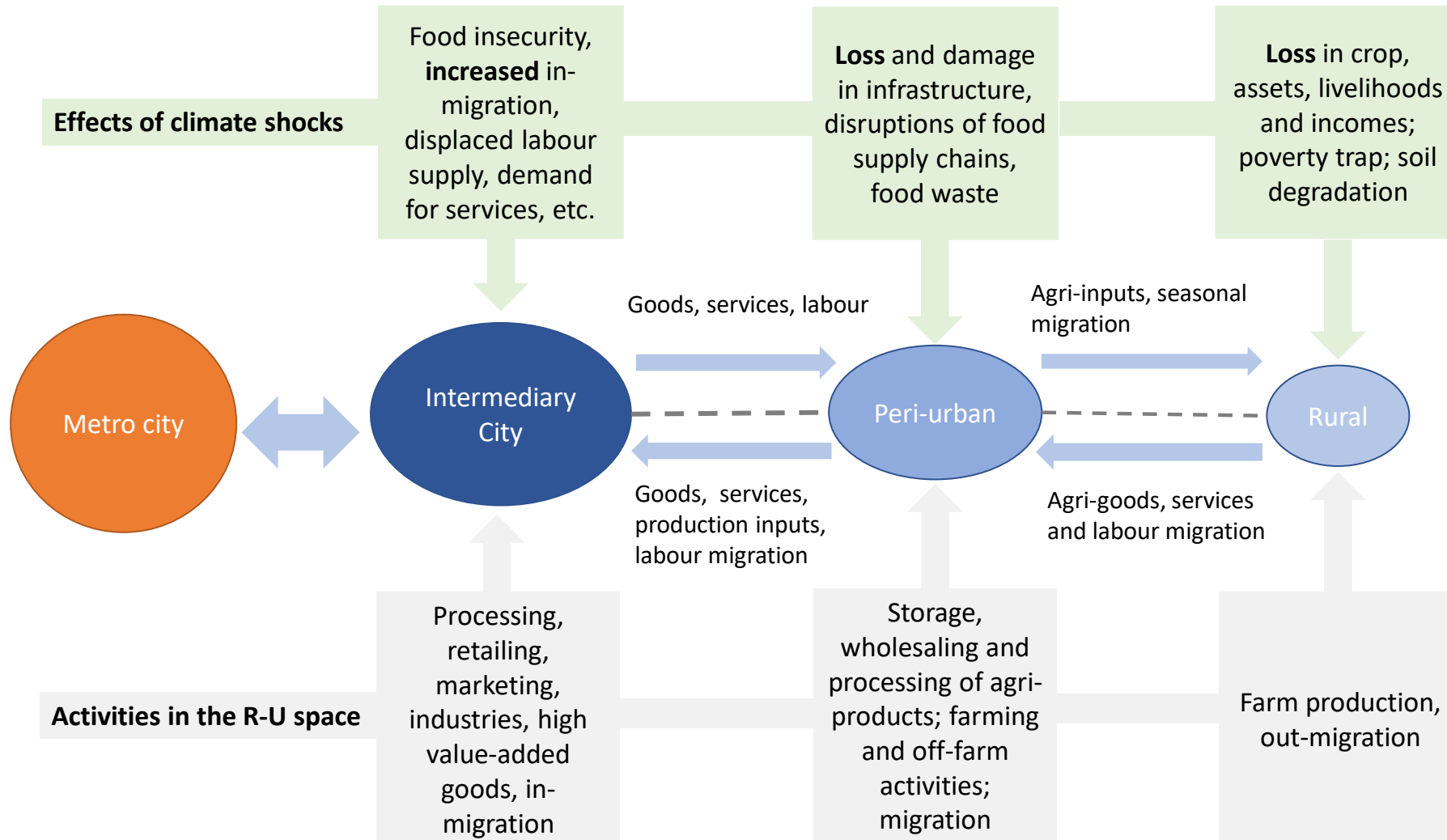
Source: GHS Urban Centre Database, 2015



Source: GHS Urban Centre Database, years: 1990, 2000, and 2015

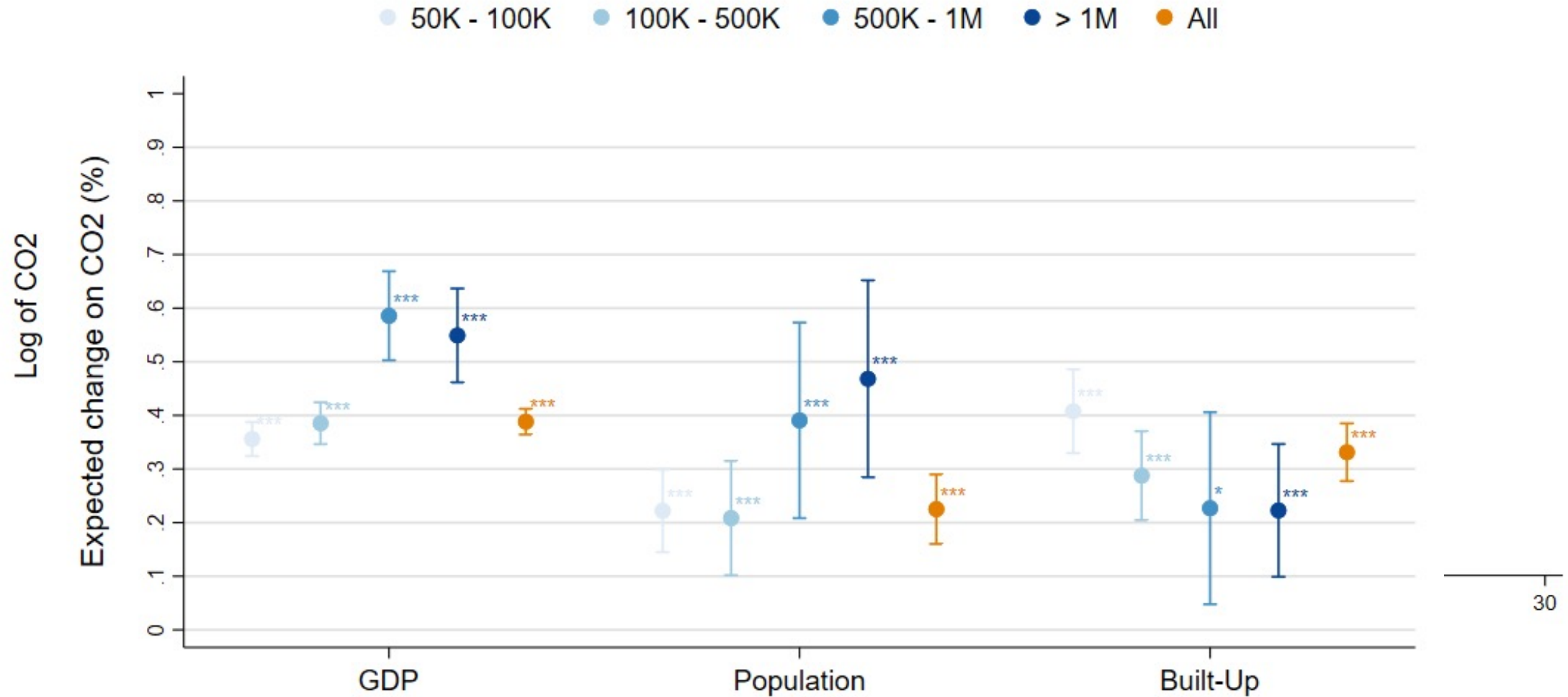


Indirect effects of climate change





How can ICs help to address climate change?



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FINAL REMARKS



- High levels of heterogeneity among ICS
- Take a dynamic approach to ICs
- Mitigation policy a pending agenda
- Being small(er) could be an opportunity



THANK YOU



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<https://www.oecd.org/dev/>

