

## Resilient Cities

Research in cities at Newcastle University is making evidence-based sustainable development in urban areas a reality. The breadth and depth of our work ensures that we work across the growing and complex social, economic and environmental challenges facing cities. Our areas of expertise span environment, economy, infrastructure, health, heritage, governance and justice.

### Global Challenge

Researchers are forging dynamic collaborations and non-traditional partnerships for tackling 'wicked problems' that all cities face. This includes:

- **social deprivation**
- **poverty**
- **mortality**
- **climate change.**

They are working on ways to make cities **smart** and **socially inclusive** through interdisciplinary programmes that combine university research, business, civil society and governance.

By developing innovative ways to integrate infrastructure for energy, water, food and waste systems, we are making cities low-carbon, ecological, resource efficient and just places to live.

### How we are making a difference

- researching **future homes that are adaptable and exportable** to a range of urban and regional contexts
- developing **affordable and effective interventions for reducing air pollution**
- exploring how justice and fairness affects people's everyday lives in cities
- demonstrating ways to **prepare cities for climate change**
- urban 'living labs' for testing and monitoring sustainability interventions in cities that combine social and technological approaches

### Resilient Cities Projects

- Recent Heritage and Urban Regeneration in Egypt
- Sound Interventions for Mitigating Air Pollution in Delhi
- Future Cities

Key Contact: [global.challenges@ncl.ac.uk](mailto:global.challenges@ncl.ac.uk)

Web address: [www.ncl.ac.uk/globalchallenges/cities/](http://www.ncl.ac.uk/globalchallenges/cities/)