What impact will increasing temperatures have on future health in my area?

LCAT partner

The Alan Turing Institute

DyME-CHH: Dynamic Microsimulation for the Environment: Climate, Heat & Health

To develop efficient adaptation strategies in the face of climate breakdown and increasing temperatures, we need to understand the complex relationship betwee**n human activity, the environment** we live and move through, and **health & vulnerability.**

Who

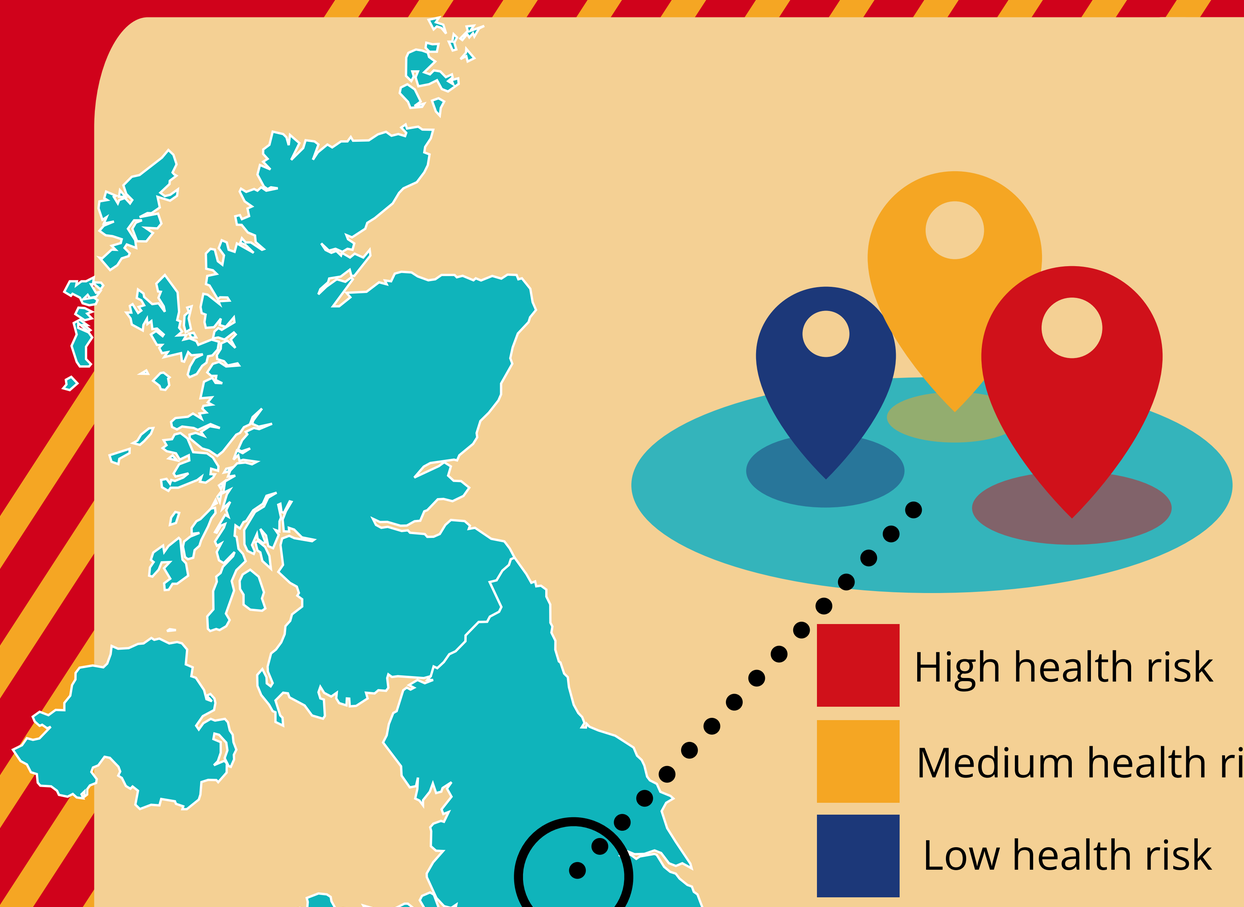
The UK's national institute for data science and AI in collaboration with local government and climate organisations

What

Interactive tool to estimate **personal heat exposures** and associated health risks

How

Microsimulation integrating health and human behaviour to produce health impact analysis



Example use cases

We can answer questions like:

- **How does activity shape exposure to heat?**
- **Where are residents most likely to be experiencing chronic residential discomfort due to urban heat island effects, over crowding and poor ventilation?**
- **How and where could we help workers in outdoor environments avoid heatstroke?**

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