



HEAT TRENDS AND PROJECTIONS

- Today, around **30% of the world's population** is regularly exposed to temperatures above the **deadly threshold** of >37 degrees C.
- By 2100, with some mitigation and higher emissions, **54% of the world's population** and **34% of the world's landmass** could be regularly exposed to temperatures above the deadly threshold (RCP 4.5).



GEOGRAPHICAL IMPLICATIONS

- **Tropical areas** are the most vulnerable and exposed. With **warmer year-round temperatures** and **higher humidity**, these regions will be disproportionately exposed to lethal heat.

Heat risk and impacts are **chronically understudied** in areas where heat is projected to become **even more deadly**.

