

COURSE STRUCTURE

SESSION	METHOD	DURATION
Understanding Heat and Urban Climate Change	Lecture	2 hours
Heat Vulnerability in Indian Cities	Field Study	4 hours
Measuring heat and mitigating heat hazard	Demonstration + Workshop	2 hours
Heat mitigation: Whose responsibility?	Group Work	4 hours

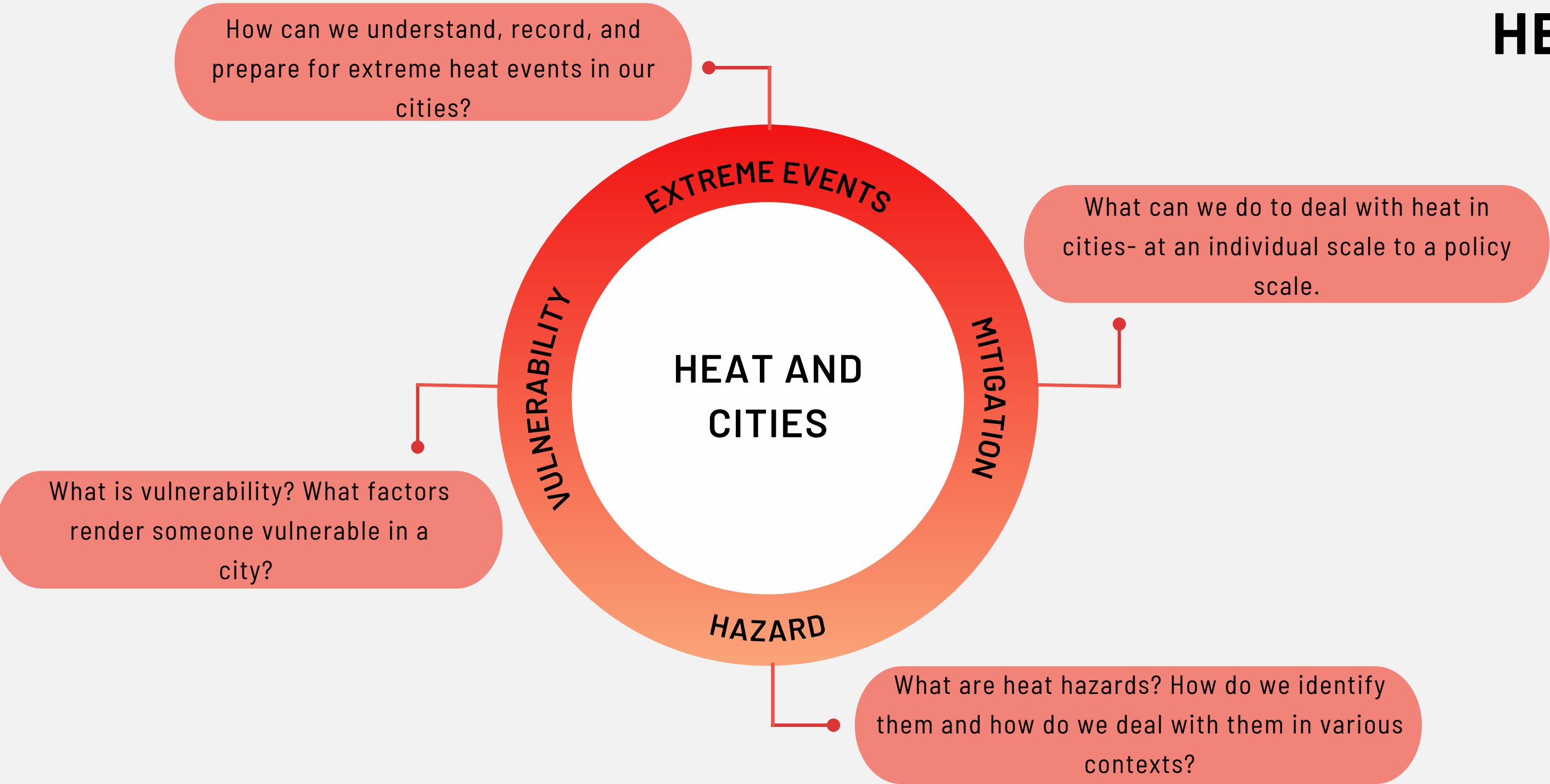
CONCEPTS

KNOWLEDGE

SKILLS



HEAT AS AN URBAN CLIMATE CHANGE PHENOMENON



LEARNING OUTCOMES



Building Practices
Learn to recognise & understand building materials and practices.



Mitigation Practices
Understand heat mitigation practices in informal settlements.



Spatial Histories & Heat
Building simple histories of informal settlements & their consequences for heat.

LEARNING RESOURCES



ESSENTIAL READINGS

- [Impacts, Adaptation and Vulnerability](#)
- [Lessons and challenges as Indian cities step up planning for heat waves](#)



WATCH IT

- [Can India adapt to extreme heat? | FT Film](#)
- [What is causing the intense heat in India?](#)
- [Climate Change: Mega Cities Turn Into 'Urban Heat Islands'](#)
- [How can the UK adapt its cities to heatwaves?](#)



LEARN MORE

[Essential Information for Climate action for Policy makers](#)



ADDITIONAL RESOURCES

- [Summary for policy makers](#)





HEAT VULNERABILITY IN INDIAN CITIES

READ : SPATIAL HISTORY OF SINGARENI COLONY

LEARNING OUTCOMES FROM FIELD STUDY

In what ways do spatial transformations and development (or lack thereof) affect residents' exposure and vulnerability to heat?

How to understand the layers of vulnerabilities to heat in informal settlements?

What types of coping mechanisms do they come up with?

MEASURING HEAT AND MITIGATING HEAT HAZARDS

IPCC defines **Mitigation** (of disaster risk and disaster) as the lessening of the potential adverse impacts of physical hazards (including those that are human-induced) through actions that reduce hazard, exposure, and vulnerability.

LEARNING OUTCOMES

- Ways to measure heat cities, especially in informal settlements
- How can we imagine heat mitigation at various scales within the urban?

READ

Heat Relief as a Matter of Entitlement?
The Socio-Materialities of Thermal Governance in an Informal Urban Settlement





HEAT MITIGATION: WHOSE RESPONSIBILITY?

LEARNING OUTCOMES

- How do we think of creating policies for heat mitigation?
- What factors do policy makers need to consider to frame policies for the most vulnerable?
- How can policies be flexible to help meet the needs of those in informal settlements?

TOOLKIT FOR GROUP WORK



