**COSMA-Climate service to overheating risk mapping in Sri Lanka: a multi-scale modelling approach**

**Summary**
This project has been developing multi-scale modelling framework (regional-urban-building-people) to predict the overheating risk to heatwaves in the urban area of Colombo, Sri Lanka and regenerating the vernacular design knowledge for mitigating heat exposure.

---

**Key findings/learning/outcomes**
- Multi-scale modelling framework considering both indoor and outdoor overheating risk
- Generate overheating risk map for Colombo, Sri Lanka
- Heat mitigation strategies (urban planning and building design)
- Regeneration of vernacular design knowledge

**Where?**
Colombo, Sri Lanka

**Project partners/funders**
Department of Architecture and urban planning
University of Moratuwa, Sri Lanka
NERC-SHEAR