Urban greenery and mitigation of the urban heat island effect in Australian cities: policy mechanisms and implementation

Judy Bush

Supervisors: A/Prof. Lu Aye (MSE), Dr Dominique Hes (ABP)
Research aim

Analyse the effects of policy on urban greenery, applying theories of sustainability transitions.

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Research question

Question 1: What policies can be applied to retain and maximise urban greenery?

International and Australian literature review; case studies and interviews
Develop a framework of Australian governments’ policy and planning mechanisms

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Question 2: How can theories of sustainability transitions inform and support policy development and implementation processes?

Case studies and interviews
Theories of sustainability transitions

Figure: A dynamic multi-level perspective on TT.
Progress to date

- Completed subjects in research methods & analysis
- Submission (in progress) of journal article on indicators for urban greenery in research & policy
- Developing pilot research project on application of theories of sustainability transitions to organisational strategic & business planning
- Undertaking subject on Australian public policy

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