The Urban Heat Island Effect and Urban Heat Mapping

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- RZ2: 15, 17 Lumeah Street, Narrabundah.
- Two blocks each with a single Fluffy house: gardens with mature trees demolished.
- 70% infill on top of existing structures?

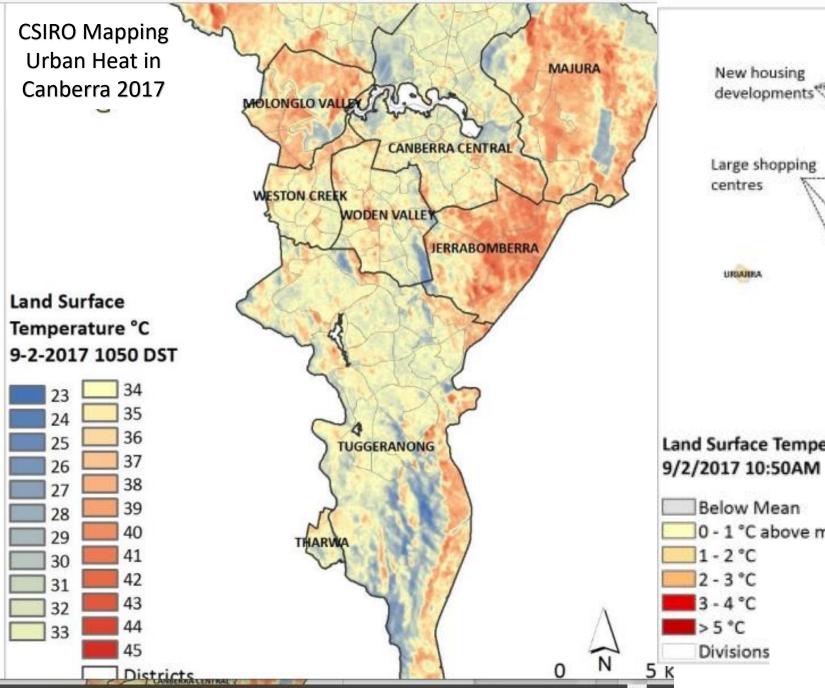


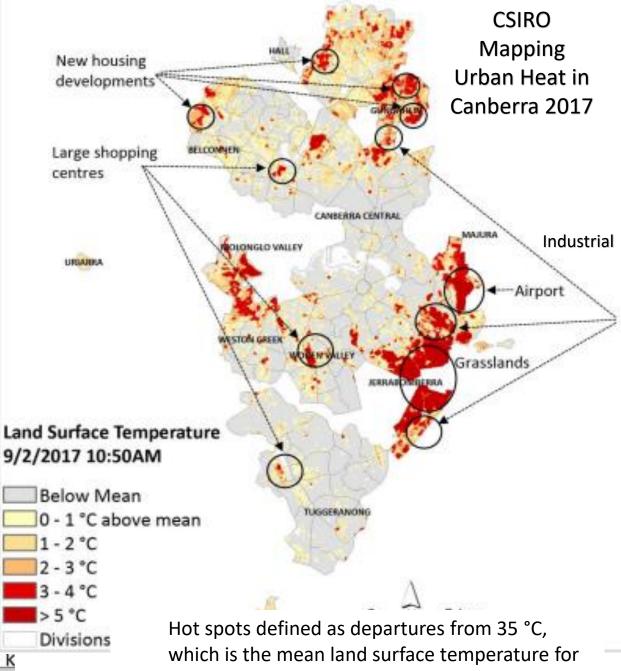
Public Housing

Hemmed in by two sets of public BOOLINIBA CI townhouses with virtually no green space, 4 blocks with verdant gardens were covered with concrete for an underground garage and storage. **Backyards are** covered with paving and either 10 cm of grass or mulch. Cut out: for a spindly tree.

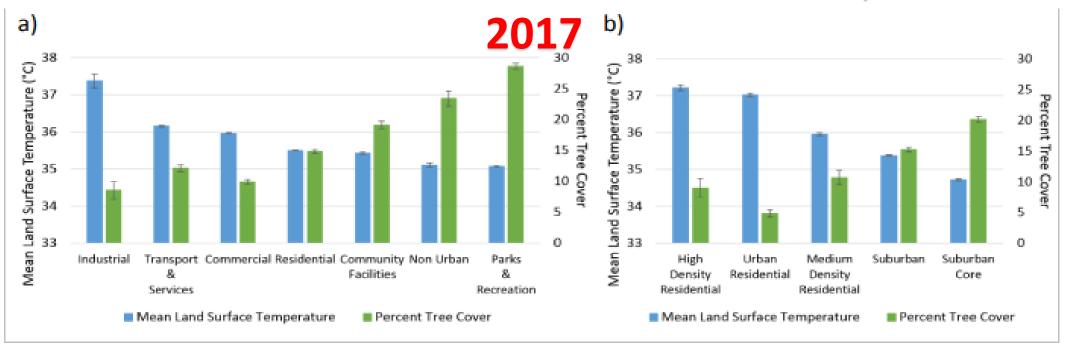


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the area shown.



Co-relation between tree cover and land surface temperatures

Figure 7. Mean land surface temperatures for Territory Plan land-use zones (blue) and percent tree canopy cover (green) for the metropolitan areas of Canberra. Standard error bars are shown, which is a measure of accuracy of temperature estimates. The temperature data are based on Landsat 8 imagery for 9 February 2017 (10.50 AM DST).

No development without sufficient trees. No development without <u>current</u> temperature maps.