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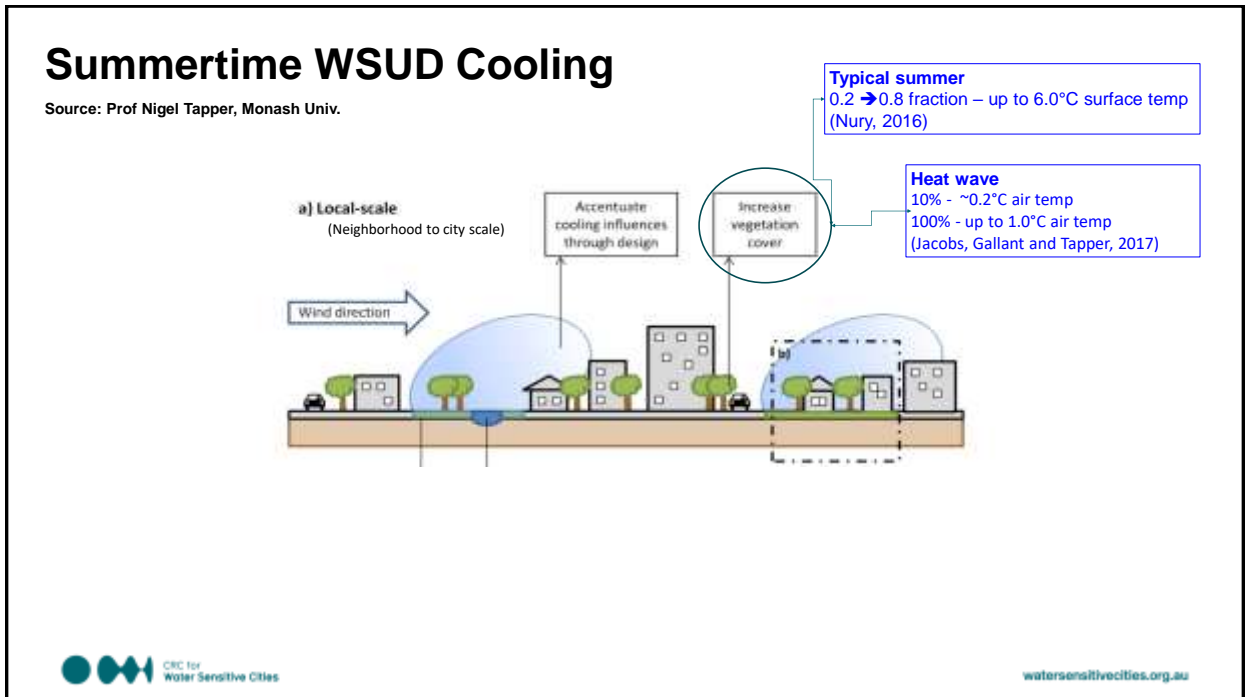
*Spaces in the public domain are essential features of public amenities. However, these **urban landscapes must be functional beyond providing spatial amenities.***

*Our knowledge of the traditional 'values' of open spaces and landscape features needs to be bolstered with an understanding of the '**ecological functioning**' of the urban landscapes that capture the essences of sustainable water management, micro-climate influences, facilitation of carbon sinks and use for food production.*

2



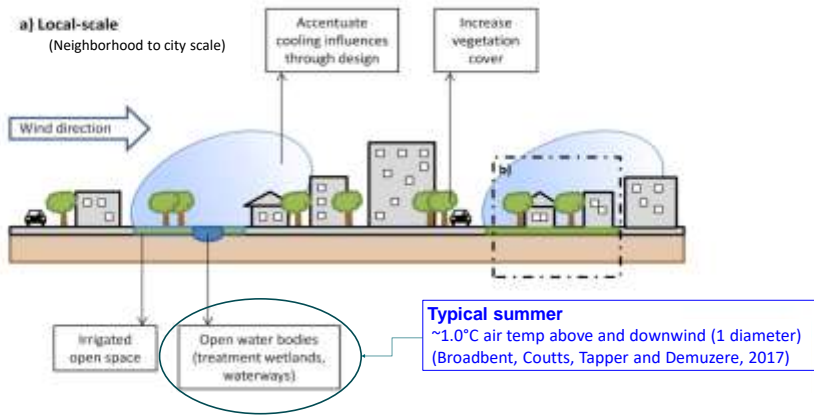
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Summertime WSUD Cooling

Source: Prof Nigel Tapper, Monash Univ.

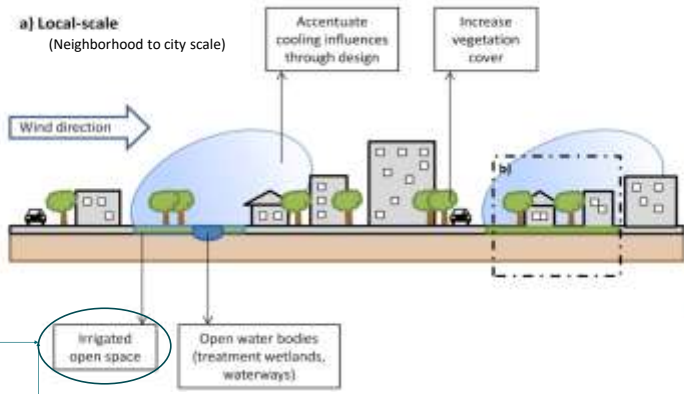


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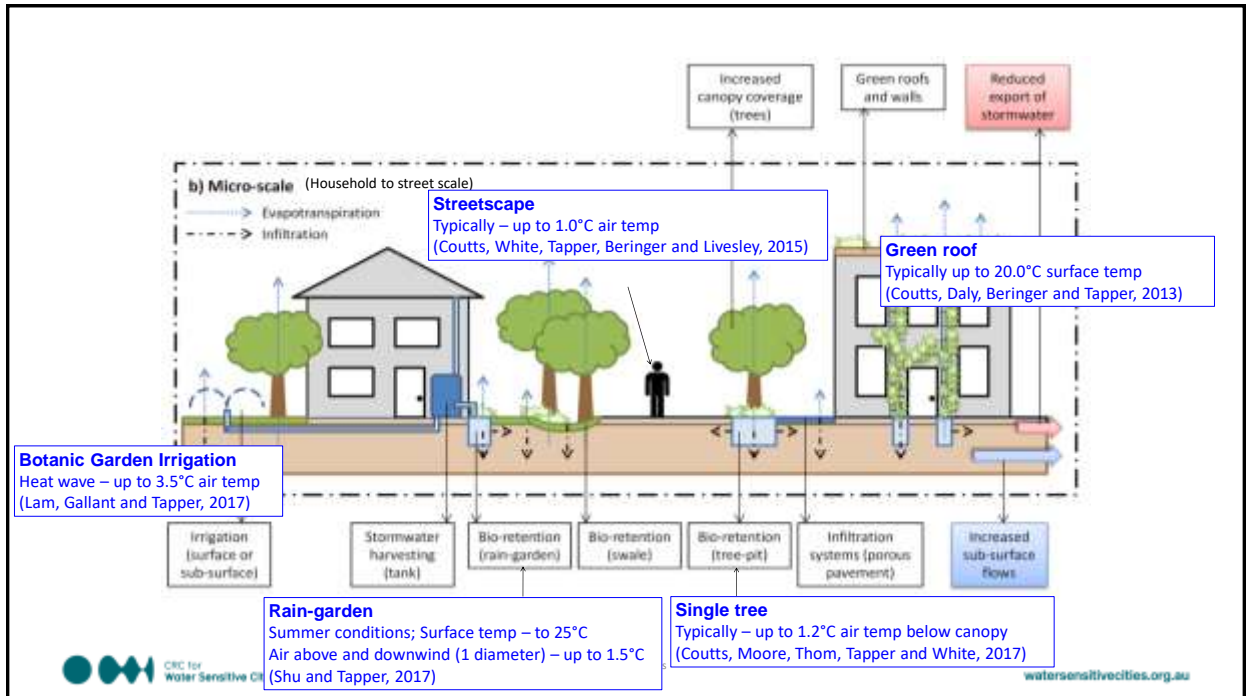
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Cities Providing Ecosystem Services:

meaning the built environment functions to supplement and support the function of the natural environment;

- ❑ water quality improvement
- ❑ management of stormwater as a resource
- ❑ buffering aquatic ecosystems from the effects of catchment urbanisation and climate change



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- ❑ flood mitigation – Infiltration; Detention; Harvesting & safe passage of flood water
- ❑ influencing urban micro-climates
- ❑ enhancing urban ecology and biodiversity

