

Waterways as Social Assets

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Waterway?





Waterway!



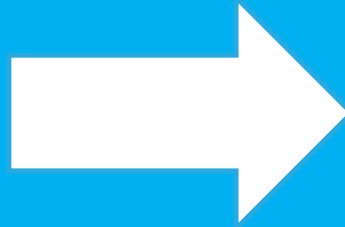


Universal access to
safe, inclusive and accessible,
green and public spaces

Obstacles

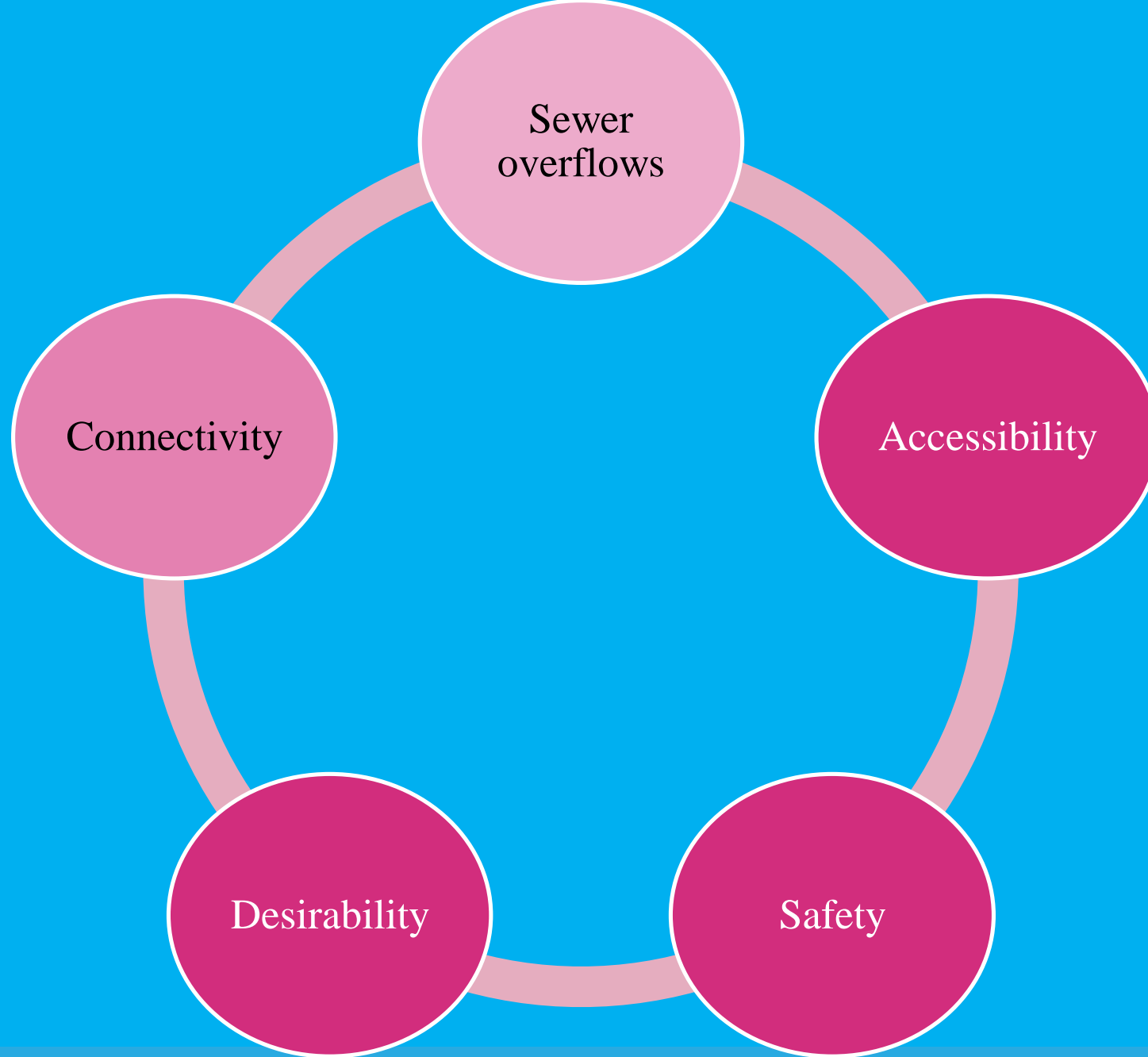
Case
Studies

Literature
Review



Design Guidance for
Safe, Accessible,
Inclusive Waterways







- ✓ Reduce or treat sewer overflows
- ✓ Consider existing sewer overflows in site selection



Connectivity

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- ✓ Integrate pedestrian / cycle network
- ✓ Consider neighbouring land uses



Accessibility

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- ✓ Thin shrub layer
- ✓ Non-obstructive ground covers
- ✓ Shallow waters

✓ Bank height

<1.5m

✓ Bank slopes:

≤ 0.3m No Limit

0.3 - 0.5m 1V:5H

> 0.5m 1V:8H



- ✓ Sight distances - planting and bank height
- ✓ Avoid 'tunnelling'
- ✓ Provide emergency routes
- ✓ Passive surveillance (light and sound)



Desirability

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<https://livingwaterways.com.au/>

Living Waterways. 2.0

- ✓ Consider rock features
- ✓ Consider ‘adventure pathways’
- ✓ Use the Living Waterways Framework

A landscape photograph showing a grassy hillside with a small pond in the center. The hillside is covered in green grass and some small trees. In the background, there are larger trees and a cloudy sky. The text is overlaid on the image in three separate boxes.

MORE than hydraulic assets

Community health, well-being and safety

Current industry guidelines are not sufficient

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