

Research activities



Debris

- Define Blue-Green Infrastructure debris transport pathway
- Identify factors influencing debris transport in urban waterways
- Examine pinch point blockage risk
- Provide urban debris flood risk analysis framework



Sediment

- Investigate Blue-Green Infrastructure sediment transport process
- Describe Urban source-pathway-deposition process
- Examine Blue-Green Infrastructure conveyance and trapping efficiency
- Analyse receiving waterbody impact



Habitat

- Examine the water quality benefits of Blue-Green Infrastructure, using sediment as an indicator of pollutant transport and deposition
- Define pollutant build-up related to stormwater management mechanisms
- Investigate the potential for Blue-Green Infrastructure to meet WFD requirements
- Identify the non-flood benefits of Blue-Green Infrastructure