



CRC for  
Water Sensitive Cities



Australian Government  
Department of Industry and Science



Business  
Cooperative Research  
Centres Programme

## Introduction of CRCWSC program and project B4.2 Flood Resilience

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2015

[watersensitivecities.org.au](http://watersensitivecities.org.au)




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### CRCWSC program

- Many towns and cities face challenges, lack the tools, and confront knowledge gaps that prevent them from being more water sensitive
- The CRCWSC program aims to provide these tools and address these knowledge gaps
- To do so, it brings together researchers from 20+ disciplines, based at a range of universities, research centres, government organisations and private industry

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## Tranche 1: 2012–2016

Devoted to answering some big questions:

- How do our culture, institutions, and human systems affect the adoption of new ideas and innovation?
- How will changes in our natural environment impact on and affect how we plan and build our cities?
- What technologies and information are needed to support delivery of water sensitive cities?
- What are the range and appropriate mix of interventions to translate research and knowledge into practice?

## Tranche 1 IRPs



## Project B4.2 Social-technical flood resilience

- Aims to improve adaptation decision making to focus expenditure for greatest return on investment and at the same time deliver robust infrastructure and resilient communities to flooding
- Further develop existing Dutch and European approaches to manage flooding and tailor these for the context of an Australian water sensitive city

## Tranche 2: 2016–2021

Focus will shift to working with regional stakeholders, with the aim to adapt and apply new, innovative concepts and tools to a whole-of-city or metropolitan scale.



## Project 2: Economic evaluation framework

- Aims to create an agreed evaluation framework to identify economic, environmental, and community values of water-related investments
- It will provide an accepted and aligned evaluation framework that is applied to business case development and decision-making at multiple levels in public and private sector organisations