

# Revitalising Informal Settlements and their Environments (RISE): Assessing health, social, and environmental outcomes following wa- ter-sensitive revitalisation of informal settlements in Indonesia and Fiji

ACTRN12618000633280

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Status	RECRUITING
Sponsor	Monash University
Enrollment	9,000 participants

## Plain Language Summary

This study is exploring a smarter, more sustainable way to bring clean water and sanitation to informal urban settlements — the crowded, under-resourced neighbourhoods that spring up in fast-growing cities. Researchers from Monash University are testing a "water-sensitive" design approach in 24 settlements across Makassar, Indonesia, and Suva, Fiji. Instead of the old-school approach of laying big central pipes (which is expensive and often skips over informal areas entirely), this method uses decentralised, nature-inspired systems that manage water locally and work with the environment rather than against it.

The study will track health, social, and environmental outcomes over five years to see whether these alternative water systems genuinely improve the lives of people living in these communities. Researchers want to know if fewer people get sick, if the environment improves, and if residents feel better about their neighbourhoods.

To be eligible, participants must live in one of the enrolled settlements in Makassar or Suva, and the community as a whole must have agreed to be part of the project. This is a community-level study, meaning the intervention happens at the settlement level rather than to individual people.

## Key Eligibility Criteria

### Inclusion (4)

- Settlements located in the urban areas of Makassar, Indonesia and Suva, Fiji
- Settlements which are suitable building sites for architectural intervention
- Community receptiveness to intervention installations and commitment to ongoing study participation over five years
- All enrolled individuals must be a resident in a settlement area enrolled in the trial

### Exclusion (3)

- Settlements outside of the study area
- Individuals living outside of settlement areas
- Settlements which are not suitable building sites

## Locations (2 total)

Makassar, Indonesia, Indonesia  
Suva, Viti Levu, Fiji, Fiji

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<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12618000633280>

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