

IRP2 Publications and Outputs

<https://watersensitivecities.org.au/content/project-irp2/>

Industry/Policy Notes

Harold, T. (2017). **IRP2 Project Overview Flyer**. CRC for Water Sensitive Cities Fact Sheet. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities. <https://watersensitivecities.org.au/content/integrated-research-project-2-comprehensive-economic-evaluation-framework/>

Pannell, D. (2019). **INFFEWS BCA Tool**. CRCWSC Industry Note. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.

<https://watersensitivecities.org.au/content/inffews-benefit-cost-analysis-tool/>

Iftekhar, M.S. (2019). **INFFEWS Value Tool**. CRCWSC Industry Note. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities. <https://watersensitivecities.org.au/content/inffews-value-tool/>

Iftekhar, M.S. & Kininmonth, I. (2018). **Social preferences for land uses in wastewater treatment plant buffer zones: a choice experiment analysis**. CRCWSC Industry Note. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.

<https://watersensitivecities.org.au/content/social-preferences-for-land-uses-in-wastewater-treatment-plant-buffer-zones/>

Mennen, S. (2017). **The most cost-effective ways to maintain public open space with less water**. CRCWSC Industry Note. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.

<https://watersensitivecities.org.au/content/the-most-cost-effective-ways-to-maintain-public-open-space-with-less-water/>

Gunawardena, A., Fogarty, J. & Iftekhar, M. S. (2017). **Review of non-market values of water sensitive systems and practices**. CRCWSC Industry Note. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.

<https://watersensitivecities.org.au/content/review-of-non-market-values-of-water-sensitive-systems-and-practices/>

Siebentritt, M & Harold, T. (2017). **IRP2 Stakeholder Engagement Strategy**. CRCWSC Industry Note. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.

<https://watersensitivecities.org.au/content/industry-note-irp2-stakeholder-engagement-strategy/>

CRCWSC Technical/Milestone Reports

Siebentritt, M., Iftekhar, M.S. and Harold, T. (2017). **IRP2 Stakeholder Engagement Strategy**. CRCWSC Milestone Report. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.

<https://watersensitivecities.org.au/content/stakeholder-engagement-strategy-irp2-comprehensive-economic-evaluation-framework/>

Iftekhar, S., Siebentritt, M., Pannell, D., Fogarty, F., Tapper, N., Gunawardena, A. and Whiteoak, K. (2017). **Stakeholder Needs Assessment Report**. CRCWSC Milestone Report. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities <https://watersensitivecities.org.au/content/stakeholder-needs-assessment-report/>

Gunawardena, A., Zhang, F., Fogarty, J., Iftekhar, M. S., (2017). **Review of non-market values of water sensitive systems and practices: An update**. CRCWSC Milestone Report. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities. <https://watersensitivecities.org.au/content/review-of-non-market-values-of-water-sensitive-systems-and-practices-an-update/>

Pannell, D. (2017). **Review of existing Benefit: Cost Analysis (BCA) tools relevant to water-sensitive cities**. CRCWSC Milestone Report. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.

<https://watersensitivecities.org.au/content/review-of-existing-benefit-cost-analysis-bca-tools-relevant-to-water-sensitive-cities/>

IRP2 Publications and Outputs

CRCWSC Tools (currently beta versions with restricted access)

Pannell, D. (2018). INFFEWS Benefit: Cost Analysis Tool, including:

- Pannell, D (2018). **INFFEWS Benefit: Cost Analysis and Strategic Decision Making**. CRCWSC Technical Report. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.
- Pannell, D (2018). **INFFEWS Rough BCA Tool - Guidelines**. CRCWSC Tool and technical report. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.
- Pannell, D (2018). **INFFEWS Benefit: Cost Analysis Tool**. CRCWSC Tool. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.
- Pannell, D (2018). **INFFEWS Benefit: Cost Analysis Tool Guidelines**. CRCWSC Technical report. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.
- Pannell, D (2018). **INFFEWS Benefit: Cost Analysis Tool User Guide**. CRCWSC Technical report. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.
- Pannell, D (2018). **INFFEWS Benefit: Cost Analysis Comparison Tool**. CRCWSC Tool. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.

Available to CRCWSC Participants only to download from:

<https://watersensitivecities.org.au/research/our-research-focus-2016-2021/integrated-research/irp2-wp3/>

Iftekhar, S.M, Gunawardena, A. & Fogarty, J. (2018). INFFEWS Value Tool, including:

- Iftekhar, M.S., Gunawardena, A., Fogarty, J., Pannell, D. & Rogers, A. (2018). **INFFEWS Value Tool: Guidelines**. CRCWSC Tool and technical report. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.
- Gunawardena, A., Iftekhar, M.S., & Fogarty, J. (2018). **INFFEWS Value Tool**. CRCWSC Tool. Melbourne, Australia. Cooperative Research Centre for Water Sensitive Cities.

Available to CRCWSC Participants only to download from:

<https://watersensitivecities.org.au/research/our-research-focus-2016-2021/integrated-research/irp2-wp2/>

Videos

David Pannell. (2018). **Benefit: cost analysis of water-sensitive projects and policies**. [Online Video:

<https://www.youtube.com/watch?v=qP4SmAXbo2I>]. 21 February 2018.

<https://watersensitivecities.org.au/content/benefit-cost-analysis-of-water-sensitive-projects-and-policies-david-pannell/>

Iftekhar, M.S (2018). **State of knowledge of non-market values of water sensitive systems and practices**. [Online Video:

<https://youtu.be/4dPHRiXMWpY>]. 21 February 2018.

<https://watersensitivecities.org.au/content/state-of-knowledge-of-non-market-values-of-water-sensitive-systems-and-practices/>

IRP2 Publications and Outputs

Journal Papers

Rogers, C., Gallant, A. & Tapper, N. (2018). **Is the urban heat island exacerbated during heatwaves in southern Australian cities?** *Theoretical and Applied Climatology*, pp 1 – 17. Online ISSN 1434-4483

<https://doi.org/10.1007/s00704-018-2599-x>

Mennen, S., Fogarty, J. & Iftekhar, M. S. (2018). **The most cost-effective ways to maintain public open space with less water: Perth case study.** *Urban Water Journal*, 15(1), pp. 92-96. Copyright © 2018 Taylor & Francis.

<https://doi.org/10.1080/1573062X.2017.1395896>

Iftekhar, M. S., Burton, M., Zhang, F., Kininmonth, I. & Fogarty, J. (2018). **Understanding social preferences for land use in wastewater treatment plant buffer zones.** *Landscape and Urban Planning*, 178, pp. 208-216.

<https://doi.org/10.1016/j.landurbplan.2018.05.025>

Iftekhar, M. S. & Fogarty, J. (2017). **Impact of water allocation strategies to manage ground water resources in Western Australia: Equity and efficiency considerations.** *Journal of Hydrology*, 548, pp. 145-156, Copyright © 2017 Elsevier B.V.

<https://doi.org/10.1016/j.jhydrol.2017.02.052>

Book Chapter

Leonard, R. Iftekhar, M.S., Green, M., & Walton, A. (2019). **Community perceptions of the implementation and adoption of WSUD approaches for stormwater management.** In: Sharma, A., Gardner, T., Begbie, D. (eds.), *Approaches to Water Sensitive Urban Design*, pp 499 - 522, Publisher: Elsevier.

Working Paper

Fogarty, J., Polyakov, M., Iftekhar, M.S. (2017) **Equitable and efficient systems of water utility charges in the face of a changing water supply mix**, Working Paper 1706, Agricultural and Resource Economics, The University of Western Australia, Crawley, Australia.

Poster Presentations

Iftekhar, M.S., Polyakov, M., Fogarty, J. & Pannell, D. (2019). **Use of economic analysis in water management in Western Australia.** Poster. 2019 Australasian Agricultural and Resource Economics Society (AARES) Conference in Melbourne (11 – 15th February, 2019).

Blackmore, L., Iftekhar, M.S. & Fogarty, J. (2019). **Value of recycled water for non-residential use from the Subiaco Wastewater Treatment Plant.** Poster. 2019 Australasian Agricultural and Resource Economics Society (AARES) Conference in Melbourne (11 – 15th February, 2019).

Polyakov, M., Iftekhar, M.S., Fogarty, J. Gunawardena, A. & Pannell, D. (2019). **What Do I Smell? It's Only the River (the cost of algal blooms in Swan-Canning estuary).** Poster. 2019 Australasian Agricultural and Resource Economics Society (AARES) Conference in Melbourne (11 – 15th February, 2019).