

Comparison Table for Top MCDA Scored Pathway vs Top Economics Ranked Pathway

The management units that have a grey background show where the top pathway is also the top economically ranked pathway across all the economic metrics. Those with a light blue background is where the pathways differ between the MCDA and the economic metrics or where there are differences in rankings across all the economic metrics.

Erosion Management Units

Unit	Top MCDA Scoring Pathway	Top Economic Ranked Pathway	Explanatory Notes
1A	Pathway 5 (87)	Pathway 5 (87)	All pathways within similar order of magnitude.
2A	Pathway 5 (87)	Pathway 5 (87) / Pathway 4 (74)	Pathway 4 has lower 'Cost + Loss' due to the lower cost of the pathway, and same 'Damages Avoided' as Pathway 5. The differences between the 'Cost + Loss' is small (<\$2 mill).
3A	Pathway 5 (87)	Pathway 1 (69)	Pathway 1 has more favourable economic metrics because of lower pathway costs (due to retreat of high number of properties in Pathway 5); however Pathway 1 is less effective than the other two pathways for reducing exposure to private property.
4A	Pathway 1 (72)	Pathway 1 (72)	
5A	Pathway 1 (71)	Pathway 1 (71)	
6AB	Pathway 5 (86)	Pathway 5 (86)	
8A	Pathway 1 (68)	Pathway 1 (68)	
9A	Pathway 4 (53)	Pathway 6 (52)/ Pathway 2 (52)	Pathway 2 ranks highest for 'Damages Avoided', Pathway 6 ranks highest for 'Cost + Loss' and 'Value for Money'. However , all economic metrics are within the same order of magnitude and only small differences change the rankings.
10A	Pathway 2 (57)	Pathway 2 (57)	
11A	Pathway 1/Pathway 3 (63)	Pathway 1/ Pathway 4 (58)	Pathway 1 ranks highest for 'Cost + Loss' and 'Value for Money', Pathway 4 ranks highest for 'Damages Avoided' because of higher number of potential properties effected being retreat. However , 'Damages Avoided' are very similar between Pathway 1 and Pathway 4.
12A	Pathway 3 (63)	Pathway 4 (61) / Pathway 3 (63) / Pathway 2 (54)	All pathways are within the same order of magnitude, only small differences change the rankings in the economic metrics.

Inundation Management Units

Unit	Top MCDA Scoring Pathway	Top Economic Ranked Pathway	Explanatory Notes
1B	Pathway 3 (83)	Pathway 1 (62)	Significant difference in cost between Pathway 3 and Pathway 1 due to the retreat of large number of properties in Pathway 3.
2B	Pathway 3 (83)	Pathway 1 (64) / Pathway 2 (64)	<p>Pathway 1 ranks highest in 'Cost + Loss' because the of this pathway is much cheaper than the other pathways (due to not having retreat).</p> <p>Pathway 2 ranks highest in 'Damages Avoided', however only by a small amount (\$300k) compared to the other two pathways.</p>
3B	Pathway 3 (85)	Pathway 1 (64)	Pathway 1 ranks highest economically due to its much lower (as it does not include retreat), and is assumed to be similar effectiveness for private property. However , it does have a much lower MCDA compared to Pathway 3.
4B	Pathway 1 (69)	Pathway 1 (69) / Pathway 2 (64)	Pathway 1 ranks highest across all economic metrics except for 'Damages Avoided'; Pathway 2 has higher 'Damages Avoided', but only marginally (\$100k).
5B	Pathway 5 (62)	Pathway 3 (59)	Both pathways have the same 'Damages Avoided', but Pathway 3 is more favourable economically as pathway does not include retreat of large number of properties.
7B	Pathway 2 (65)	Pathway 2 (65) / Pathway 4 (56)	Pathway 2 ranks highest except for 'Damages Avoided', where Pathway 4 is twice as much 'Damages Avoided', however they are still in same order of magnitude.
8B	Pathway 3 (62)	Pathway 3 (62)	Pathway 4 and Pathway 5 rank 1= for 'Damages avoided', but only by small amount (\$100k) higher than Pathway 3.
9B	Pathway 2 (55)	Pathway 2 (55) / Pathway 3 (51)	Pathway 2 ranks highest for 'Damages Avoided'; Pathway 3 ranks highest for 'Cost + Loss' and 'Value for Money' as it is a lower cost pathway.
11B	Pathway 2 (59)	Pathway 2 (59)	