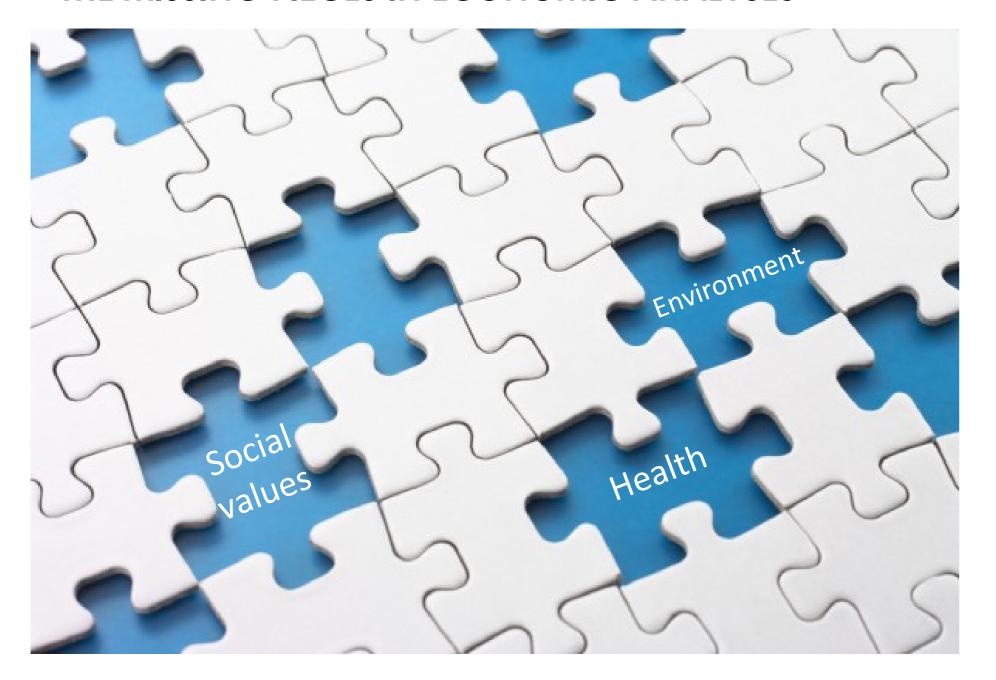
APPRECIATING THE WHOLE PICTURE: INCLUDING INTANGIBLE VALUES IN DECISION MAKING



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NATURAL HAZARDS IMPACT MANY THINGS THAT PEOPLE VALUE: LIFE, HEALTH, AMENITY, SAFETY, RECREATION AND THE ENVIRONMENT. QUANTIFYING THE IMPACT OF NATURAL HAZARDS ON THESE INTANGIBLE THINGS IS NOT EASY. BUT IF WE DO NOT INCLUDE THEM, WE ARE MISSING A LARGE PART OF THE PICTURE.

THE MISSING PIECES IN ECONOMIC ANALYSES



THE ISSUE

Intangible values are rarely accounted for in decision making and quantifying them is difficult, resource intensive and expensive.



PROJECT AIM

To facilitate the inclusion of intangible values in decision making, we have created a 'value tool' that makes them more easily accessible and contains values that can be used in economic studies.





THE VALUE TOOL

The value tool identifies a range of intangible values that might be affected by natural hazards and provides dollar values for them in the form of an easy-to-read database. In this way, they can be directly compared with other monetary estimates of costs and benefits related to natural hazards (their impacts or their mitigation).

A set of user-friendly guidelines accompanies the database to illustrate how intangible values can be used to make decisions and help in the prioritisation of resources.

Example – The Value of Life

Value of a Statistical Life = \$ 4.3 million in 2016 Australian dollars

If a mitigation strategy reduces the risk of death from a natural hazard from 20 anticipated deaths to 10 = 10 lives saved

Non-market (intangible) benefits = \$4.3million x 10 people

Total = \$43million

PROJECT INFORMATION

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