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| *Reference* | The appraisal of human related intangible impacts of flooding |
| Department for Environment, Food and Rural Affairs (DEFRA) – UK Environment Agency (UK - EA)  |
| DEFRA. (2004). The appraisal of human related intangible impacts of flooding. R&D Technical Report FD2005/TR |
| *Scope* | The aim of this research is to develop a robust, yet simple-to-use, methodology so that the intangible impacts on human health and well-being can be accounted for in assessing the benefits of flood alleviation measures. The specific requirements as stated in the Research Specification are to produce: greater understanding of the social issues that underlie the long-term health risks; and an easy to use methodology that can be used in economic appraisal to generaterobust and defensible valuations for human-related intangible impacts of flooding, which should be based on the improved understanding of the relevant social issues. |
| *Impacts* | *Environmental* | *Social* | *Economic* |
|  | *✓* | *✓* |
|  | Measuring the health effects of flooding: measurements of general health and social well-being, and determination of the level of stress experienced. | Direct and indirect economic impacts are estimated using: data from actual markets; revealed preference techniques; stated preference techniques; contingent valuation; and choice modelling. Determination of the willing to pay for a marginal reduction in the risk of flooding. |
|  | *Direct - Indirect* | *Direct - Indirect* |
|  | *Tangible - Intangible* | *Tangible - Intangible* |
| *Case Studies*  | The study has been conducted in UK. |
| *Uncertainty* | No specific indications about how uncertainty is treated |
| *Climate Change*  | No. The guidance is not aimed at the assessment of climate change patterns. It is specifically focused on flood impact assessment. |
| *Flood* | The guidance is specifically focused on flood. |
| *Data need* | The study has been conducted utilising also a health impacts questionnaire. |
| *Comments* |  |