Natural Hazards
and Earth System
Sciences

Discussions

Interactive comment on "Evaluation of Economic Impacts from Flood Damages Using Hybrid Input-Output Analysis" by Cholapat Jongdeepaisal et al.

Anonymous Referee #1

Thank you for submitting this article. It is very well-written and presented in a very clear manner. The focus on the garbage cleaning and reconstruction costs is important.

The main question I have is whether there is any need to develop new virtual sectors. I would hesitate to make the statement "Since the garbage cleaning service and reconstruction for flood damages do not exist in the existing economy, the new process of consuming resources and producing the product has to be set up in the I-O table" (line 10). I find this hard to comprehend conceptually. Surely the cleaning and construction industry already exists prior to the disaster and you're merely employing more resources to rebuild? As such, in accounting for the next IO table, these extra

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"production" from flood damages would be included.

Some of the technical comments are outlined below.

Line 21, it would be good to add role of international organisations such as the World Bank.

Line 24-25: please cite the studies that have looked at the cost of removing garbage and space cleaning. What is the evidence on the cost of removing garbage in percentages – any previous studies?

Lines 18-31: might be a good idea to add a diagram/figure to illustrate the difference between traditional IO analysis and hybrid IO.