Nat. Hazards Earth Syst. Sci. Discuss., 3, C208–C209, 2015
www.nat-hazards-earth-syst-sci-discuss.net/3/C208/2015/

Natural Hazards and Earth System Sciences
Discussions

Interactive comment on "Application of flood risk modelling in a web-based geospatial decision support tool for coastal adaptation to climate change" *by* P. J. Knight et al.

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Received and published: 13 March 2015

For someone with a science/engineering background in predicting/mitigating coastal flooding, I found it fascinating to see how such specialist studies can interact directly with society at the governmental/community level - right down (with open-source software) to the individual.

Being unfamiliar with developments in this Decision Support Tool area, I found the summary of developments world-wide a most useful introduction. Likewise the two (one community and one commercial infrastructure) applications are clearly and briefly

described .

The potential to explore diverse combinations of ranges of potential flooding components (msl rise, surges,waves, river flow etc) alongside specific (hypothetical) strategic interventions is especially appealing. Moreover, the usefulness in both the immediate 'flood evacuation' and longer-term capital works mitigation phases is evident.

In summary, a quick, clear and stimulating read

David Prandle

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 1615, 2015.