Review of: "Toward a comprehensive behavioral model of hurricane preparedness: The Protective Behavior Model"

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Potential competing interests: No potential competing interests to declare.

This article reviews literature in the field of hurricane response behavior in order to consolidate varying frameworks into a single unifying framework. It is a valuable contribution in that it looks at human behavior as governed by different factors.

It also presents an interesting and thorough look at other theories in the field. This enumeration might benefit from two things: a critique the changes through time, since there seems to be framing of newer theories (Guiding Question: What new things emerged, and why is this important in research?), and examples of risk research that used these models (Guiding Question: What methods lend themselves well to using these frameworks, and what previous research demonstrates this?).

The review of other behavior theories is likewise interesting. Perhaps it would be best to have a critique of how these build on each other, what that rebuilding means or lacks, and how these have been used in previous research. Showing previous research allows the reader to know the suitability of the theory of the use for which it is being proposed.

A few considerations:

- The larger the theory, the longer the survey. How long is this survey and would people be willing to take it? or would it be better to have general concepts to ask about in, say, an interview or FGD, after which a researcher could slot responses into positions i the framework? I know that there's a path being discerned here, but what if research shows that the path isn't being followed or isn't strong enough statistically?
- Any insight on what kinds of questions would be best for a possible survey?
- What research questions might be answered using this model, and what research questions cannot be answered?
- Any speculation on how this model might be altered for other hazards? Note that hurricanes/typhoons are fairly predictable the closer they come to land. They are also seasonal. Earthquakes and volcanic eruptions are not. Those hazards have a very different mental model and will call on different factors for influence.