

Affective decision-making in response to weather warnings in real time

Type: CP Group and Wetter-Alarm

Status: ongoing

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Source: Philippe Weyrich, Anna Scolobig, Florian Walther, Anthony Patt (submitted): Responses to severe weather warnings are consistent with an affective decision-making model rather than rational deliberation (PLOS ONE)

- Question: Are responses to severe weather warnings consistent with an affective decision-making model or rational deliberation?
- Methods: Warnings (including link for survey) disseminated through a weather app
- Results: They show that additional impact information results in no greater behavioral response, whereas decreasing lead times and increasing severity level positively influence response. This is consistent with an affective model of decision-making, rather than rational deliberation.
- Conclusion: We conclude that in situations of high stress, people make fast decisions that are largely driven by affect.