

Original Questionnaire for the 'SCALAR' household surveys on private climate change adaptation Wave 2.b



Authors: Brayton Noll¹, Tatiana Filatova^{1,*} and Ariana Need²

1 – Multi Actor Systems Department, Faculty of Technology, Policy and Management, Delft University of Technology, The Netherlands

2 – Faculty of Behavioral, Management and Social Sciences, University of Twente, The Netherlands

* For correspondence, please email: t.filatova@tudelft.nl

This panel survey contains data from households located in large, coastal urban centers in the United States (Houston, New Orleans and Miami greater areas), the Netherlands (Rotterdam greater area and the province of Zeeland), China (Shanghai greater area), and Indonesia (Jakarta greater area, other cities in Java). In each location we used the identical, translated questions in the respective languages of each country. These panel surveys conducted in five waves between 2020-2023 are focused on soliciting information on households' socio-economic background, perceptions, adaptive capacities, self-assessed resilience, place attachment, social influence, policy and other factors influencing individual climate change adaptation behavior surrounding private adaptation to climate change (here contextualized to floods). The surveys were conducted online with the help of YouGov, <https://yougov.co.uk/>. The second survey was conducted in October 2020.

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Related publications:

PhD Thesis of Dr. Brayton Noll (2023): <https://repository.tudelft.nl/islandora/object/uuid%3A0d49cb3e-6dd8-4a9e-abc6-b847de938aea?collection=research>

Noll, B., Filatova, T., Need, A, de Vries, P. (2023) 'Uncertainty in individual risk judgments associates with vulnerability and curtailed climate adaptation', Journal of Environmental Management, 325, 116462, <https://pubmed.ncbi.nlm.nih.gov/36272292/>

Noll, B., T.Filatova, A.Need (2022) 'One and done? Exploring linkages between households' intended adaptations to climate-induced floods', Risk Analysis, 1-19, <https://doi.org/10.1111/risa.13897>

Noll B., Filatova, T., Need, A. & Taberna, A. (2021) 'Contextualizing cross-national patterns in household climate change adaptation', Nature Climate Change <https://doi.org/10.1038/s41558-021-01222-3>

Note: Below the **green color** codes the name of the corresponding variable in the dataset. The **yellow color** denotes the internal comments guiding the conditional questions order.

Wave 2 – Recontact

In the original second wave of the survey, not all questions have been included. To correct for this, the respondents have been recontacted shortly afterwards. The following questions were asked in this separate survey:

1. **[R013_recent_flood_exp]** between March 2020 and September 2020, did you experience a flood from heavy rain fall, rivers overflowing, a storm surge, monsoon, etc.?
Yes**
No

- a) **[If Yes,**]**
[R013a_recent_flood_damage] How severe was the damage caused by this flood to your property?
1= Not at all severe
2
3
4
5= Very severe

- b) **[If Yes,**]**
[R013b_recent_flood_health] How severe was the damage caused by this flood to your personal health?
1= Not at all severe
2
3
4
5= Very severe

- c) **[If Yes,**]**
[R013c_recent_flood_cost] Please provide an estimate of the total costs to your property that this flood caused AND if any medical expenses resulted from this flood, please include them in the estimate as well.

_____ **[insert currency]**