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## Resilience to extreme weather: Call for evidence

We are seeking evidence to inform the *Human resilience to climate change and disasters* project.

If you would like to submit evidence then please do so by Tuesday 5 November 2013, following these guidelines:

- Refer to the project scope (PDF) and the questions below when drafting evidence
- Do not exceed 1,000 words
- Evidence should be backed up by references wherever possible.
- Identify any knowledge gaps and provide case studies to illustrate the evidence.
- Submit the evidence in a Word document (not PDF) to [resilience@royalsociety.org](mailto:resilience@royalsociety.org).

The submitted evidence will be analysed by Royal Society staff and Working Group members and used to inform the project conclusions and recommendations. All written evidence will be published on the project web pages when the final report is published.

### Questions

1. How will weather-related hazards change in their frequency, intensity and location to a) 2030 and b) 2100?
2. Which weather-related hazards have the largest impacts on people? How is the exposure and vulnerability of people to such events likely to change from now until 2030?
3. What are the key components of human/ social resilience to climate change and how can they be evaluated (e.g. measured or ranked)?
4. Who are the real adaptation decision-makers / where are adaptation decisions really made?
5. What assessment tools and decision-making frameworks exist to help policymakers and practitioners choose and implement the most appropriate adaptation measures?
6. What are the most commonly discussed and implemented adaptation approaches for protecting against, reducing sensitivity to, and allowing recovery following, weather-related hazards?
7. Are there any studies comparing the success of different adaptation approaches for a particular climate change impact or weather-related hazard? How was success measured?
8. To what extent, and under which circumstances, can ecosystem-based approaches be integrated with other adaptation approaches (e.g. those that involve hard infrastructure, technology and social interventions)?
9. In an ideal multi-criteria analysis, by which criteria should different adaptation approaches be compared and assessed?
10. To what extent, and under which circumstances, can ecosystem-based approaches play a role in climate change adaptation and / or disaster risk reduction (drawing on examples of weather-related hazards)?
11. What are the appropriate scales for, constraints, distributional consequences and trade-offs of ecosystem-based approaches?