

**Grant Number**: EP/K039253/1

**Sponsor: EPSRC**

**Project title**: Shipping in Changing Climates

The following files have been archived:

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| File name | File description (Short description of content, sample size, format, any linking between different types of data, i.e. survey and interviews/focus groups) |
| SCC\_Port\_area-cost\_data.xlsx | This excel file contains decadal calculations of port area needed to handle projected global trade with potential costs under 4 climate scenarios to 2050.  It is organised by trade scenario and year. It also contains projections of sea-level rise for the same period. |
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**Publications**:

These data Should not be used without reference to the following publications:

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| --- | --- |
| Methodology | Hanson and Nicholls (2020) Demand for ports to 2050: Climate policy, growing trade and the impacts of sea level. Earth’s Future <https://doi.org/10.1029/2020EF001543> |
| Source data | SCC Consortium (2020) Maritime trade projections under four climate related socio-economic development scenarios 2010-2050 <https://doi.org/10.5255/UKDA-SN-854235> |
| Climate scenario description | Walsh et al (2019) Trade and trade-offs: Shipping in changing climates. Marine Policy <https://doi.org/10.1016/j.marpol.2017.06.025> |