Supplemental Material

Climate Change and Future Pollen Allergy in Europe

Iain R. Lake, Natalia R. Jones, Maureen Agnew, Clare M. Goodess, Filippo Giorgi, Lynda Hamaoui-Laguel, Mikhail A. Semenov, Fabien Solomon, Jonathan Storkey, Robert Vautard, and Michelle M. Epstein

Table of Contents

Figure S1: Process for selecting studies reporting sensitization to ragweed pollen
Table S1: Ragweed Sensitization Rate (RSR) exclusion criteria
Table S2: Ragweed sensitization rates included in the review and summary information collected

References

Figure S2: Baseline and future population (percentage) sensitized to ragweed pollen at the NUTS2 level for RCP4.5 and RCP8.5 and a reference plant invasion scenario. Data are presented separately for the CHIMERE and WRF/RegCM model suites.

Table S3: Population (in thousands) sensitized to ragweed for the current and future. Reference ragweed invasion scenario comparing RCP 4.5 and RCP 8.5, and 2 climate model suites (Chimere, WRF/RegCM) for 40 European countries; 95% confidence interval (CIs) shown in brackets.

Table S4: Current and future populations clinically sensitized to ragweed pollen. Changes due to population change are also presented. Data are average of the CHIMERE and WRF/RegCM model suites for RCP4.5 and a reference plant invasion scenario.