

strengthening communication between science & stakeholders

Atopica will provide a **comprehensive understanding of the current and future risks** to human health that will be important for the planning of response options and policies in the near and long-term horizons.

The project dissemination team **will establish a dialogue with relevant stakeholders** providing useful information for response policies at regional, national and European levels, and assisting with policy-relevant guidance aimed at targeting measures to combat Ambrosia invasion, to combat air pollutant interactions with aeroallergens and contribute to the Fifth IPCC Assessment Report.

Media, internet options, policy makers, patient associations and clinical professional organisations are encouraged to cooperate and contribute to Atopica.

contact us

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ATOPICA



atopica

atopic diseases in changing
climate, land use & air quality

anthropogenic factors

green house emissions
landuse
policies



environmental changes

global warming
air quality



air pollution & pollen

air pollution
allergenic plant spread
pollen distribution
non-native invasive plant



objectives

Atopica is an FP7 project committed to quantifying the effects of environmental changes on Ambrosia (ragweed) pollen-induced allergic diseases in Europe. The main aim of the project will be to further understand how global and regional climate, land use and air quality changes impact human health, in particular allergic diseases using quantitative physical and statistical models

environmental predictive models

patient populations

animal models

blood transcriptomic

integrated
assessment
of future allergic
disease risk



research approach

Atopica will explore the combined pan-European impact of climate changes on allergen pollen-induced diseases through an innovative, inter-disciplinary, and integrated approach to:

- study vulnerable groups of atopic patients
- search for predictive biomarkers
- establish statistical models of disease response to pollen
- assess future trends and risks
- design suitable adaptation policies

the consortium

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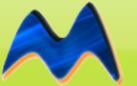
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