

## Project Quick Facts

### Duration and Funding

Framework Programme 7, Integrated Project  
February 2010 to January 2013  
8.731.216 EUR budget, 6.273.261 EUR funded by  
the European Commission

### Coordination and Contact

Kym Watson, Fraunhofer IOSB  
Tel: +49.721.6091.486  
Fax: +49.721.6091.413  
kym.watson@iosb.fraunhofer.de  
Fraunhoferstraße 1  
76131 Karlsruhe  
Germany



Earth Observation and ENVironmental modelling  
for the mitigation of HEALTH risk



BETTER UNDERSTANDING OF  
THE RELATIONSHIP BETWEEN  
ENVIRONMENTAL FACTORS  
AND HEALTH IMPACTS

[www.eo2heaven.org](http://www.eo2heaven.org)



Royal Tropical Institute



The research leading to these results has received funding  
from the European Community's Seventh Framework  
Programme (FP7/2007-2013) under grant agreement no. 244100



## Objectives

EO2HEAVEN contributes to a better understanding of the complex relationships between environmental changes and their impact on human health. The project will monitor changes induced by human activities, with emphasis on atmospheric pollution and vector borne diseases.

EO2HEAVEN follows a multidisciplinary and user-driven approach involving public health stakeholders who work closely with technology and service providers in both the earth observation and in-situ environmental monitoring domain.

The result of this collaboration is the design and development of a GIS based upon an open and standards-based Spatial Information Infrastructure (SII) envisaged as a helpful tool for research on environmental factors impacting health and early warning systems.

*Better understanding of the complex relationships between environmental factors, population exposure, and health impacts.*

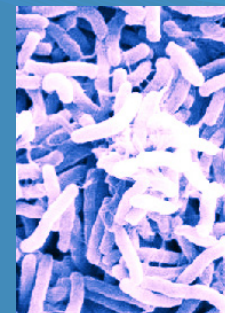
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**Environmental effects**  
on allergies and cardiovascular diseases in Dresden and the Free State of Saxony, Germany.



**Environmental challenges**  
to health in South Durban, South Africa, caused by air pollution from nearby fabrication plants.



**Investigating the impact**  
climate variables on cholera outbreaks in Sub-Saharan Africa.

### EO2HEAVEN and GEOSS

EO2HEAVEN constantly contributes parts of their proof of concept implementation study to GEOSS pilot activities in strong collaboration with GEOSS health and earth observation threads.

