



Environment  
(including climate change)

Research Area:  
Environment and Health



## HEALTHY FUTURES

Health, environmental change and adaptive capacity: mapping, examining and anticipating future risks of water-related vector-borne diseases in eastern Africa

“The research provides an excellent opportunity for Ireland to develop further its international reputation for research on the links between environment and health, an area of research that is likely to grow in importance in coming years.”

**Prof. David Taylor,**  
Trinity College Dublin

“The HEALTHY FUTURES project, built upon a policy relevant work plan, has the potential to have a real impact in the sector by producing data which will not only be of relevance to the consortium but also other climate change projects.”

**Olivia Daly, AquaTT UETP Ltd**

### PROJECT DESCRIPTION

The HEALTHY FUTURES project is motivated by concern for the health impacts of environmental changes. HEALTHY FUTURES aims to respond to this concern through construction of a disease risk mapping system for three water-related, high-impact vector-borne diseases (malaria, Rift Valley fever and schistosomiasis) in Africa, taking into account environmental/climatic trends and changes in socio-economic conditions to predict future risk.

Concentrating on eastern Africa as a study area, HEALTHY FUTURES comprises a comprehensive, inter-disciplinary consortium of health, environment, socio-economic, disease modelling and climate experts in addition to governmental health departments. To achieve its aims, HEALTHY FUTURES will deploy a bottom-up, end user/stakeholder-focused approach combining field-, laboratory- and library-based research.

If you are interested in finding out more about participating in FP7 or reading more case studies about the experiences of academic researchers, small & medium enterprises and multinational companies in FP7 visit [www.fp7ireland.com](http://www.fp7ireland.com) or contact your Environment NCP at [fp7@epa.ie](mailto:fp7@epa.ie). To search or add your profile to the Online Catalogue of Irish Expertise in Environmental Research, visit <http://erc.epa.ie/fp7catalogue/>.

## IRISH CONTRIBUTION

Prof. David Taylor, of Trinity College Dublin (TCD), will act as overall project coordinator. Scientifically, TCD's main contribution will be in evaluating the role of environmental change in disease outbreaks in the study area in the past. The results of this evaluation will be used to inform other parts of the overall research project, notably the groups working on environmental change scenarios and on predictions of future outbreaks of the three target vector-borne diseases. TCD will also take a lead role in the dissemination of results through the coordination and participation in workshops and conferences, and through the publication of reports and journal articles.

AquaTT Ltd is involved in three work packages in the HEALTHY FUTURES project including the overall administration of the project on a day-to-day basis. Other tasks for AquaTT Ltd involve dissemination of project information to a range of stakeholders & end-users and ensuring that the project establishes links with other relevant groups through expert review panels and synergy events.

## PROJECT DETAILS

**Research area:** ENV.2010.1.2.1-1  
**Start date:** 01/01/2011  
**Duration:** 48 months  
**Proposed Cost:** € 3.38 million  
**Coordinator:** Ireland

### IRISH CONTACTS

**Project Coordinator:**  
**Prof. David Taylor**  
Trinity College Dublin,  
Ireland  
**Email:** [taylor@tcd.ie](mailto:taylor@tcd.ie)

**Irish Partner:**  
**David Murphy**  
AquaTT Ltd, Ireland  
**Email:** [david@aquatt.ie](mailto:david@aquatt.ie)

## PROJECT PARTNERS

### ✓ Trinity College Dublin (Ireland)

- The Abdus Salam International Centre for Theoretical Physics (Italy)
- Universitaet Salzburg (Austria)
- Sveriges Meteorologiska och Hydrologiska Institut (Sweden)
- University of Nairobi (Kenya)
- **AquaTT UETP Ltd (Ireland)**
- International Livestock Research Institute (Kenya)
- National University of Rwanda (Rwanda)
- University of York (United Kingdom)
- Vector Control Division - Ministry of Health (Uganda)
- Kenya Medical Research Institute (Kenya)
- TRAC Plus (Rwanda)
- University of Cape Town (South Africa)
- University of Durham (United Kingdom)
- The University of Liverpool (United Kingdom)

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