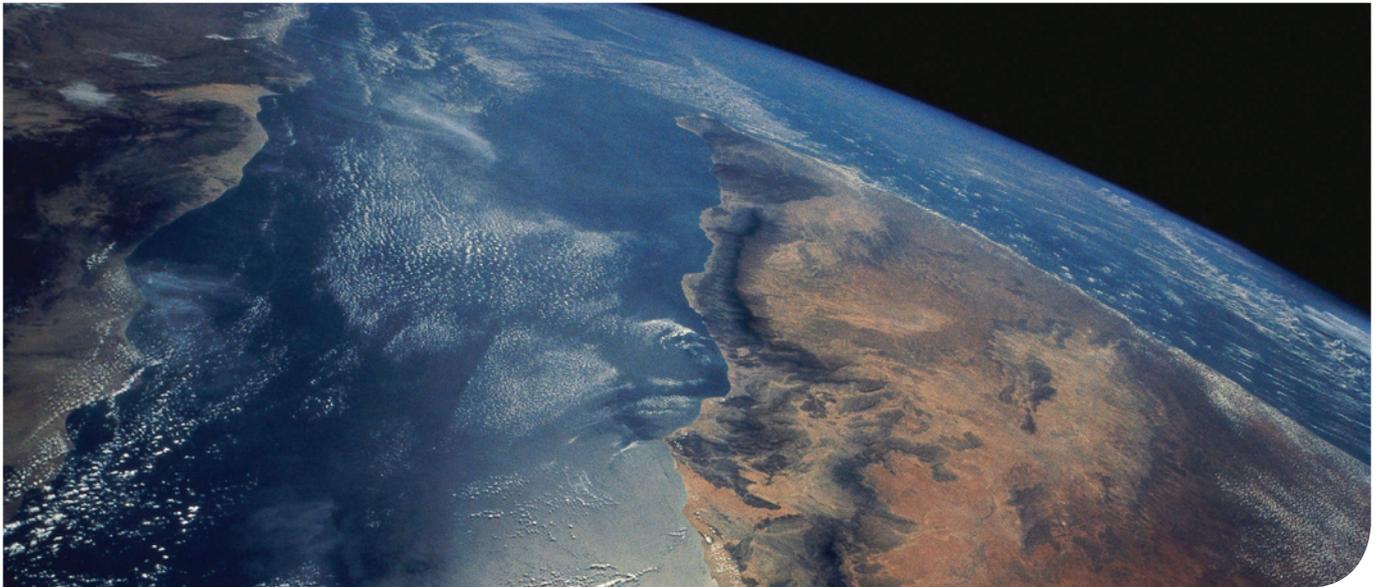




# Environment



*The Lancaster Environment Centre forms one of the largest concentrations of environmental researchers in Europe, with 450 staff and postgraduate researchers. We address the world's most important environmental issues, with a strong commitment to research excellence, inter-disciplinarity and genuine, long-lasting international partnerships.*

## Access Expertise

We work across three inter-disciplinary research areas:

- Environmental change, hazards and risks
- Improved resource management
- Eco-innovation

with expertise in:

- Atmospheric science
- Biodiversity and conservation
- Earth science
- Environmental chemistry
- International development
- Plant science
- Soil science
- Sustainability science
- Water science

## Forming Partnerships

Organisations can access our expertise through five types of collaborative partnership:

- Collaborative research
- Facilities for research and development
- Commercialisation of intellectual property
- Professional training
- Student engagement

## Benefits of Collaboration

- Access world leading knowledge
- Access our multi-million pound facilities, including hot desk and office space, and extensive state-of-the-art research laboratories
- Take advantage of our global reach and form international partnerships

"I'm delighted to see Lancaster and Liverpool, two of our top research universities, working with Inventya Limited in the vanguard of this green technological revolution. We have the brains, the science and the technology to lead this green tech revolution and achieve great things through working together over the next few years."

Lord Drayson of Kensington, Drayson Racing Technologies, at the Centre for Global Eco-Innovation launch.



Dr Ruth Alcock, Head of Enterprise and Business Partnerships

### Working in Partnership

We are committed to a partnership approach and have developed strategic relationships with the Chinese Academy of Sciences, UK Environment Agency, Environmental Information Data Centre, British Geological Survey, International Food Security Alliance, and the Centre for Ecology and Hydrology, located at the Lancaster Environment Centre (LEC). We also collaborate with a number of corporate partners including Waitrose, United Utilities and Unilever.

We have strong collaborations with a range of medium sized research intensive companies within the UK and across Europe. Our resident businesses range from research-led university spinouts to international environmental companies.

We work as part of a wider multidisciplinary team across Science and Technology at Lancaster. Our colleagues have expertise in advanced manufacturing, chemistry, the demand and supply of energy, health and human development, information and communication technologies, mathematics and statistics, quantum technology, and security and protection sciences.

### Partnership Examples

#### Centre for Global Eco-Innovation

The £9.8m Centre for Global Eco-Innovation unites the expertise, resources and global contacts of Lancaster University, the University of Liverpool and Inventya Limited, to develop new eco-innovative products, processes and services in collaboration with ambitious Northwest businesses. Finalist in the PraxisUnico Impact Awards 2013 for collaboration, and the Green Gown Awards for research 2013, the centre is part funded by the European Regional Development Fund.

#### Waitrose Sustainable Agriculture

We are developing a communications portal that highlights the relationships between Waitrose, its suppliers, growers of fresh produce and research providers concerned with sustainable agriculture.

#### Knowledge Acceleration Responsible Innovation Meta Network

We are creating a strategic network of more than 500 Northwest European universities, innovation agencies and businesses to increase competitiveness.

#### Optimising Ecosystem Services

We are leading a DEFRA HortLINK partnership that brings together over 20 food retailers, seed suppliers and growers to investigate how flowering plants could reduce pesticide use.

### Route to Access

"As Head of Enterprise and Business Partnerships in LEC, my role is to lead our dedicated Enterprise and Business Partnerships team towards creating impact from working in partnership with business and other science and technology users.

"The pooling of human resources in LEC creates a powerful UK and European centre for the complex science of environmental change, having major international impact and the ability to inform national and European policy making.

"We recognise that sustainable management of our global resources requires multidisciplinary, solution-focussed academic expertise, working through networks of partnerships that are able to facilitate the exchange of knowledge locally, nationally and globally. Embedding this multi-dimensional approach across our portfolio of activities has enormous potential to create positive environmental, social and economic benefits and impact. Please contact me for more information."

#### Dr Ruth Alcock

Head of Enterprise and Business Partnerships

### For further information contact:

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