

The Cabot Institute brings together world-class expertise in life and physical sciences, engineering and social sciences, developing truly multidisciplinary research programmes to tackle the challenges of uncertain environmental change.

Our aim is to lead the UK in carrying out fundamental and responsive research on living with environmental uncertainty and risk, in areas such as natural hazards, resilience and governance, food and energy security, and the future of cities. Our research fuses rigorous statistical and numerical modeling with a deep understanding of interconnected social, environmental and engineered systems – past, present and future. We engage wider society – responding to, exploring with, and challenging our stakeholders to solve tomorrow’s problems for the benefit of all.

Cabot Institute research highlights include:

- Providing scientific advice to the Government’s COBR emergency committee during the 2010 volcanic ash crisis
- Developing computer algorithms that underpin flood risk mapping in the UK and beyond
- Investigating governance issues around marine protected areas in the UK and Europe, and charting how climate change will affect fish populations
- Understanding the social and technical concerns of reducing our energy use, at local and national levels



- Engineering a new low cost water quality testing devices – Aquatest – for use in developing countries
- Investigating volcanic unrest in Europe and Latin America: phenomenology, eruption precursors, hazard forecast, and risk mitigation
- Launching a Nuclear Research Centre to provide expert support for the safe operation of current and future generation nuclear systems

For more information about the Cabot Institute

www.bristol.ac.uk/cabot

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