

Environmental Change Institute, University of Oxford

WHO WE ARE

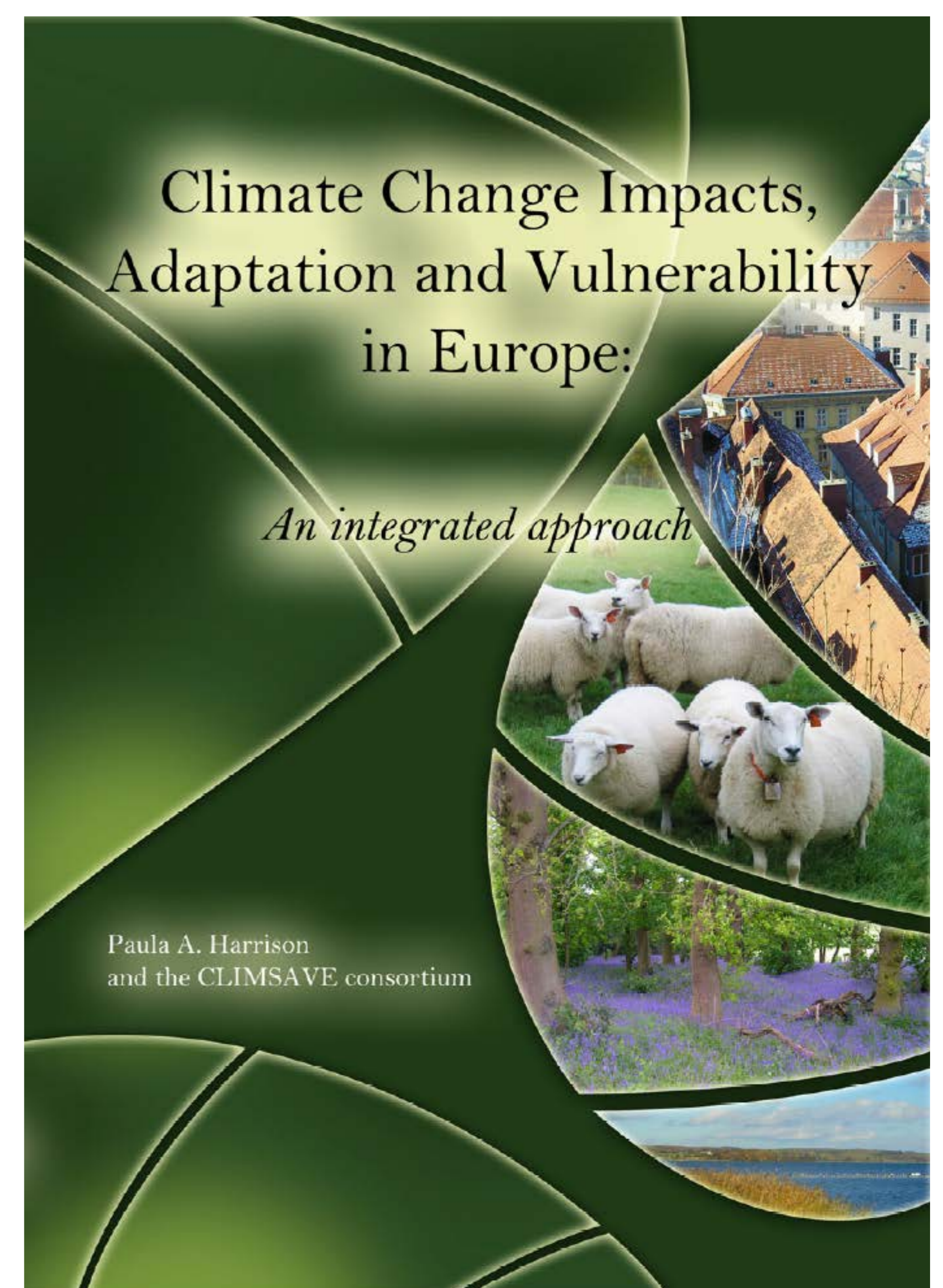
- The Environmental Change Institute (ECI) is the University of Oxford's centre for the organisation and promotion of research and teaching on the environment. Since its establishment in 1991, it has become a leader in environmental research with over 60 staff and students. ECI research focuses on global and regional environmental change, bringing together the natural and social sciences, and is orientated to applied and public policy. The Institute is organised around three major research themes – Climate, Energy and Ecosystems. The Ecosystems theme aims to advance scientific understanding of ecosystems and their role in the Earth's system; examine how humans and other species interact with ecosystems, particularly in the context of climate change; and explore the social, cultural and political impact of such interactions.

WHAT OUR EXPERIENCE IS

- Coordination of FP7 projects, including RUBICODE, CLIMSAVE and IMPRESSIONS.
- Modelling the response of species distributions to climate change.
- Modelling the impacts of climate change on biodiversity, its vulnerability and the implications for conservation.
- Mapping and modelling ecosystem services.
- Ecosystem services and environmental change, and in particular how the ecosystem approach relates to traditional approaches to conservation.
- Linking biodiversity models to other sectoral impact models to quantify feedbacks and interactions.
- Regional scale integrated assessment modelling of climate change impacts and adaptation.
- Synergies and trade-offs between climate change adaptation and mitigation.
- Impacts of mitigation and adaptation measures on biodiversity.
- Translation of science into policy through stakeholder engagement.

WHAT WE DO IN IMPRESSIONS

- Coordinator and Lead of WP7 on project management and coordination
- WP1: Ensuring decision-maker needs are integrated into the project work plan
- WP2: Developing multi-scale integrated scenarios
- WP3: Developing biodiversity models for within the CLIMSAVE Integrated Assessment Platform; modelling within the Hungarian case study
- WP4: Assessment of synergies and trade-offs between adaptation and mitigation pathways
- WP5: Stress-testing existing policies and designing the Information Hub for synthesis and presentation of projects results
- WP6: Planning and execution of the stakeholder workshops and other dissemination activities



WE ARE ALSO INVOLVED IN

- CLIMSAVE (www.climsave.eu)
- BESAFE (www.besafe-project.net)
- OPENNESS (www.openness-project.eu)
- UK NEA (<http://uknea.unep-wcmc.org/>)

Dr. Paula Harrison



- IMPRESSIONS Project Co-ordinator.
- Senior Research Fellow at ECI.
- Coordinator of CLIMSAVE, Deputy coordinator of BESAFE and WP leader in OPENNESS and UK National Ecosystem Assessment 2.
- **Research interests :**
- Cross-sectoral, integrated models for investigating climate change impacts and adaptation options accounting for multiple drivers.
- Mapping and modelling ecosystem services.
- Scenario development and analysis.
- Stress-testing of policies under climate and socio-economic change.

Dr. Pam Berry



- Deputy Project Co-ordinator.
- Senior Research Fellow at ECI.
- Lead author of England chapter of UK National Ecosystem Assessment.
- **Research interests:**
- Integrated assessment of climate change impacts and adaptation.
- Synergies between mitigation and adaptation measures across multiple sectors.
- Science-policy interface through stakeholder engagement.

Dr. Robert Dunford



- Postdoctoral Researcher at ECI.
- Specialist in spatial information technology.
- Project manager of the UK Adaptation Subcommittee 2013 data report.
- **Research interests:**
- Addressing issues of environmental management using interdisciplinary, integrated, cross-sectoral and mixed methods approaches.
- Managing uncertainty in decision-making.
- Remote sensing of forestry.