



Climate research continues to be an area of increased importance globally. There are many departments and groups across the University of Oxford that focus on fundamental areas of research to help support change and development, with experts in their fields contributing to key discussions, studies, and policy - resulting in

Oxford University Research Archive Climate Research Collection

<https://ora.ox.ac.uk/collections/climate>

Working with the departments within the University of Oxford, primarily with the Social Sciences Division, a 'Research Collection' focusing on the University of Oxford's research output regarding Environmental Sustainability and Climate Research, was created within ORA (Oxford University Research Archive) to showcase the research content.

The [ORA Climate Research Collection](#) includes the latest papers being written by University of Oxford academics in the research area; highlighted research selected by the subject specialists; research from across all of the University of Oxford academic divisions; links to other activities in the University, and links to related external University of Oxford activities.

The ORA Research Collection and examples of the climate research included in the collection, have been promoted and shared openly at a number of at University of Oxford events, increasing discussion and engagement in the research area. Since launch the ORA Climate Research Collection has had 308,929 views of content with 219,949 downloads of climate research content.

The ORA Climate research Collection was recently submitted to the [Green Gown Awards UK & Ireland](#) and was put through as a [finalist](#) to the Research with Impact – Institution category.

Judges as part of the Green Gown Awards commented that the Collections was an example of a “Good idea to make research publications more readily available.”, and that “This project is exactly what needs to happen to ensure research is translated into policy and practice rather than 'sit on a shelf'.”

University of Oxford researchers, whose work features in the Collection, were asked about the importance and impact of sharing research openly on their work.

DO YOU USE OPEN ACCESS PUBLICATIONS AS SOURCE TO YOUR RESEARCH?

“Open access repositories are key.”

“... in many cases Oxford does not subscribe to the journal so OA is valuable in providing full access, not just the abstract.”

HAS MAKING YOUR RESEARCH OPENLY AVAILABLE INCREASED ENGAGEMENT WITH YOUR WORK?

“... people from outside academia have read my open access papers and have contacted me to discuss (or praise).”

“Almost certainly as I now see citations from researchers in less well-off countries who otherwise would not be able to afford access.”

“I have uploaded policy briefings, one of which links to a preprint of a yet to be published article. The latter, which is on SocArXiv papers has been downloaded 477 times, and I have been approached by the Danish Ministry of Transport to speak about this research at the end of August. So that is a definite example of open research engagement beyond the original audience...”

WHAT ROLE DO YOU THINK MAKING CONTENT OPENLY AVAILABLE WILL HAVE IN THE FUTURE OF YOUR RESEARCH AREA?

“Policy usability depends on Open Access. Also, creating academic dialogue with the Global South depends on Open Access. These two are central to my work so I place high value in Open Access.”

“... I have been approached over the last year by other local policymakers and councilors about issues related to my research.”

“I definitely see a lot of value in creating open outputs that are intended for audiences outside academia in future, and I think it can help to have this on ORA so that it has a DOI, etc.”

“Considerable, extending access to a wide range of researchers in less well-off countries who otherwise would not be able to, especially graduate students in developing regions.”

MANY THANKS TO JOSE MARIA VALENZUELA, DR HANNAH BUDNITZ, AND SIR PROFESSOR DAVID HENDRY FOR THEIR COMMENTS (PLEASE SEE THEIR RESEARCH PROFILES AT THE END OF THE TEXT).

Access to the collection is available globally outside of the University of Oxford. This means that content is available to academics, researchers, the public, and also policy and practice makers – providing access to research in this way means that decisions can be made based on actual academic knowledge and practice.




As noted in the response to questions , it is apparent from Oxford researchers the importance of accessing research material, and some of the interactions this has led to - this is true for anyone working in climate research inside or outside of an institution, and it is important that research content is not only openly available without paywall or restriction, but also to be findable, accessible, interoperable and reproducible – which ORA supports.

The ORA Climate Research Collection will continue to grow organically as more research is added to ORA within the subject range. Staff within the Libraries continue to look at the Collection and recommend ‘featured’ research. The collection is something that can be replicated at other institutions and can serve as a good example of practice.

Read more about ORA Collections at: <https://ora.ox.ac.uk/objects/uuid:5c46148d-6739-4865-bae7-08fe7af87d24>

Jason Partridge, Bodleian Libraries
December 2023

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|--|---------------------|-------|--------------------|
| | Academic/Researcher | About | Selected ORA Links |
|--|---------------------|-------|--------------------|

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|--|---|---|--|
|  | <p>Dr. Jose Maria Valenzuela, Postdoctoral researcher</p> | <p>- Website - ORCID - Google Scholar</p> | <p>"Regulatory capacity and knowledge brokers in the decarbonisation of electricity systems" (Thesis)</p> <p>"State ownership in liberal economic governance? De-risking private investment in the electricity sector in Mexico" (Article)</p> |
|  | <p>Dr Hannah Budnitz, Research Associate</p> | <p>- Website - ORCID - Google Scholar</p> | <p>"Whether weather causes contention: assessing the ongoing resilience opportunity of telecommuting" (Article)</p> <p>"Opportunities and obstacles for EV car sharing" (Report)</p> |
|  | <p>Professor Sir David Hendry, Professor of Economics</p> | <p>- Website - ORCID - Google Scholar</p> | <p>"Common volatility shocks driven by the global carbon transition" (Article)</p> <p>"Forecasting: theory and practice" (Article)</p> |

ORA CLIMATE RESEARCH COLLECTION

<https://ora.ox.ac.uk/portal/climate>

ORA CLIMATE RESEARCH COLLECTION

Search the ORA Climate Research Collection All Fields

Climate research continues to be an area of increased importance globally. There are many departments and groups across the University of Oxford that focus on fundamental areas of research to help support change and development, with experts in their fields contributing to key discussions, studies and policy, resulting in a wealth of publications and research outputs.

The ORA Climate Research Collection brings together the many journal articles, conference papers, working papers, preprints, and more - produced by the members of the University of Oxford, listed with links to ORA, as well as providing links to related climate research information and activities at the University or other locations. We welcome your thoughts, comments and suggested additions.

If you are a member of the University of Oxford and can't see your climate research-related paper here, then deposit your accepted manuscript to ORA.

| Journal article | Journal article | Journal article |
|--|---|--|
| Hybrid forecasting: blending climate predictions with AI models Sato, U., Yamane, S., Kawano, M., et al. | North-West Europe hottest days are warming twice as fast as mean summer days Petersen, H. | Can 'Net Zero' still be an instrument of climate justice? Pruitt, A., Lashin, L., Vidyashankar, et al. |

Latest research from across the University

| Medical Sciences | Maths, Physical & Life Sciences | Social Sciences | Innovation |
|---|--|---|---|
| <ul style="list-style-type: none"> Health system resilience: a critical review and reconceptualisation National prevalence and risk | <ul style="list-style-type: none"> Insights into surface chemistry down to nanoscale on accessible colour heterogeneity | <ul style="list-style-type: none"> Diversity in air strategy options for all majors in the sustainable energy transition | <ul style="list-style-type: none"> Historic insights into livestock production in Roman Italy: diet, seasonality, and mobility on site |

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