

TYNDALL CENTRE RESEARCH LECTURER/ SENIOR LECTURER

TYNDALL CENTRE FOR
CLIMATE CHANGE RESEARCH

ATR1625

CANDIDATE BROCHURE



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WELCOME FROM THE VICE-CHANCELLOR, PROFESSOR DAVID RICHARDSON

Staff, student and research success is at the heart of our vision here at UEA.

Having spent most of my professional career here, I have a deep sense of the special atmosphere that makes this great institution tick.

Our stunning and vibrant Norwich campus is home to a global diverse community with almost 17,000 students, over 3500 staff, and visitors from across the world.

We come together from different fields to learn, innovate, collaborate and help create a better future.

The UEA values of collaboration, empowerment, respect and ambition are what unite us and are at the heart of how we behave as an employer, drive excellence in teaching, learning and research, and collaborate as an anchor institution in our local community.

Our world-leading researchers collaborate across disciplines to provide vital ground-breaking research, solutions and the creativity needed to address global challenges from climate change to global health.

We build connections, share ideas and develop new networks; trust our people to make decisions based on their expertise and knowledge; treat everyone equally, embracing different thoughts and views and strive to be bold in our approach and decisions.

We are equally proud of our civic responsibility in our local and regional community tackling issues such as social mobility, building a more sustainable economy and championing diversity.

Our regional, national and global relationships demonstrate that together we can achieve greater goals together and positively influence the world around us.

I hope you will join us in shaping the future of our thriving community and building a workplace and world that is ambitious for the great opportunities that lie ahead.



For an informal discussion about the post please contact Robert Nicholls, Director of the Tyndall Centre & Professor of Climate Adaptation via email: robert.nicholls@uea.ac.uk or Asher Minns, Executive Director for the Tyndall Centre via email: a.minns@uea.ac.uk

THE ROLE

Are you a policy-relevant climate researcher and do you have the ambition and drive to build and lead your own interdisciplinary research team as you progress your career? The Tyndall Centre for Climate Change Research at the University of East Anglia (<https://tyndall.ac.uk/>) requires another talented and expert researcher to join us. You will also be a Lecturer, teaching in the School of Environmental Sciences at UEA.

We are seeking applicants who complement existing or open-up new relevant research themes at Tyndall Centre UEA. Our current Tyndall-wide research themes are (1) Reaching Zero Emissions; (2) Building Resilience; (3) Overcoming Poverty with Climate Actions; and (4) Accelerating Social Transitions. New ideas and activities can be accommodated as we are also currently reviewing and updating our research strategy. Existing key research areas at Tyndall Centre UEA include integrated assessment relevant to climate risk and adaptation across biodiversity, coastal management, floods and water; governance and politics; emissions analysis of national and large-scale technologies; climate change and international development; and international and national carbon budgets; and modelling oceans and wildfires. There are also links to other relevant UEA activities such as the Climatic Research Unit, School of Development Studies, 3S Social Scientists, Economics, Norwich Business School, Law etc.

To join our high performing and high impact team, you will have a track record in securing funding and strong publications in international scientific journals in your focus areas. You will have proven experience in interdisciplinary, policy relevant climate change research; and will fulfil all other essential elements of the person specification. Your research will be within the Tyndall Centre for Climate Change Research and your teaching within UEA School of Environmental Sciences. In addition to your own networks, you will be

embedded within the four University partners of the Tyndall Centre (<https://tyndall.ac.uk/partners/>) and will play a key role in leading across-Tyndall interdisciplinary research through the Critical Decade of the 2020s.

KEY RESPONSIBILITIES

- Your production of world-leading (4*) or internationally excellent (3*) research outputs.
- Development of an active group of postgraduate and post-doctoral researchers through your success in competitive external grant funding awards.
- Your intellectual contribution to Tyndall Centre activities, and UEA's international reputation, including through leadership of research and publications that informs and delivers policy impact (see Truly Useful- <https://tyndall.ac.uk/cop26/tyndall-at-21-truly-useful/>).
- Leading ENV climate change science and policy modules at undergraduate and postgraduate levels.
- Involvement in activities related to admissions, teaching or research, or other activities that require management or leadership roles. Full-time Tyndall Centre Lectureships are normally 50% research and 50% teaching/School admin.

THE PERSON

EDUCATION, EXPERIENCE AND ACHIEVEMENTS

- Ph.D. or equivalent in climate change research that is policy relevant (E)
- Research experience in interdisciplinary, policy relevant climate change research (E)
- Strong publications in international scientific journals in your focus areas (E)
- Track record in securing funding (E)
- Independent researcher (E)
- Experience of teaching and supervising undergraduate and/or postgraduate students (E)
- Involvement with international research communities or climate policy processes (E for Senior Lecturer, D for Lecturer)
- Demonstrated ability to communicate across disciplinary boundaries (E for Senior Lecturer, D for Lecturer)
- Ambition to build and lead a research group (E for Senior Lecturer, D for Lecturer)
- Ability to lead interdisciplinary research teams and deliver on ideas (E for Senior Lecturer, D for Lecturer)

SKILLS AND KNOWLEDGE

- Excellent knowledge of relevant climate change research and relevant experience of policy and practice (E)
- Excellent academic publication and non-technical writing skills (E)
- Excellent project and time management skills (E)
- Ability to work within interdisciplinary research groups and to meet own and external objectives (E)
- Working and collaborating internationally with academics and decision-makers (E for Senior Lecturer, D for Lecturer)
- Ability to communicate research in ways that are accessible to non-specialists and researchers from other disciplinary backgrounds (E for Senior Lecturer, D for Lecturer)

PERSONAL ATTRIBUTES

- Flexibility in approach to work and problem solving (E)
- Able to develop own research programme and international research reputation (E)

- Ability to identify new opportunities for collaborations (E)
- Ability to understand perspectives of others (E)
- Ability to persuade, motivate and influence others (E)
- Able to interact with non-academic sectors through academic enterprise and business, and community engagement (E)
- Enthusiasm for working with students and ability to develop and deliver teaching (E)
- Familiar with the working methodologies of sustainability, climate change and international development research (D)
- Team player within wider Tyndall and related initiatives (D)

Essential Requirements (E) are those, without which, a candidate would not be able to do the job.

Desirable Requirements (D) are those which would be useful for the post holder to possess and will be considered when more than one applicant meets the essential requirements.

FURTHER INFORMATION

This full-time indefinite post is available immediately.

Salary will be £43,434 to £50,296 per annum on Grade 8 for a Lecturer OR £53,353 to £61,823 per annum on Grade 9 for a Senior Lecturer on the single salary spine. The normal expectation is that starting salary will be at the minimum of the advertised salary scale.

Relocation expenses are reimbursable under certain conditions.

Place of Work - The University is supporting a hybrid-working pilot of at home and on campus 'hybrid' working for many roles. We encourage discussions about how your working arrangements can be agreed to best balance the needs of the role and your personal circumstances.

The flexibility of the hybrid-working model allows the possibility of remote working, but it is the expectation that all appointments will be UK based, with any overseas working agreed in advance by exception only.

Shortlisted applicants will be asked to show evidence of right to work in the UK. Non-British and non-Irish nationals entering the UK to undertake employment or who are currently in the UK will have to meet eligibility criteria under the points-based immigration system. The University may be able to provide sponsorship under the Skilled Worker route if relevant criteria are met.

The post is superannuable under the Universities Superannuation Scheme and there is an annual holiday entitlement of 30 days plus statutory (8 days) and customary (6 days) holidays. Appointment will be subject to a satisfactory Occupational Health Assessment to be carried out by the University's Occupational Health Service.

Information on the benefits of working at UEA can be found at <https://www.uea.ac.uk/about/working-at-uea>.

HOW TO APPLY

To apply for this vacancy, please follow the online instructions at: <https://myview.uea.ac.uk/webrecruitment/>

Your completed application and CV should be submitted by **Monday 31 October 2022**.

Please note that the application form contains an Equal Opportunities section which must be completed. The Equal Opportunities information will not be made available to the selection panel and will not form any part of either the short-listing or decision making process.

It is anticipated that presentations and interviews will take place during **November 2022** and if you have not heard by early December 2022 please assume you have not been shortlisted on this occasion.

Reasonable travel and incidental expenses incurred in attending the interview will be reimbursed (please ensure that you keep all receipts). Please note that if you are offered a post and decline the offer, travel and incidental expenses will not be reimbursed.



THE TYNDALL CENTRE FOR CLIMATE CHANGE RESEARCH

The Tyndall Centre for Climate Change Research was founded in 2000 to conduct high quality and integrated climate change research in support of UK and international climate policy. The Tyndall Centre pioneers integrated and interdisciplinary research, contributing both to the theory and practice of sustainable solutions to the challenge of climate change. The Tyndall Centre's expertise encompasses the scientific, engineering, social science and economic communities. The Tyndall Centre has progressed significantly the science of emission reduction, scenarios, impacts, integrated modelling at global and city scale, adaptation and international equity. UEA is the Headquarters of the Tyndall Centre (www.tyndall.ac.uk), which is a partnership of Institutes in the Universities of Cardiff, Manchester and Newcastle and includes a growing group of Affiliated Researchers based at other institutions.

The Tyndall Centre has a high international and policy profile and engages in the UK and internationally with all levels of government, business, industry and civic society. Tyndall professors have acted as Advisers for the Department for Environment, Food and Rural Affairs (DEFRA), Members of the Climate Change Committee and Adaptation Sub Committee, appeared and contributed to all major Parliamentary inquiries on issues around climate change, and authored all three Working Groups of the 4th, 5th and 6th Assessment reports of the IPCC. The Tyndall web site and twitter feed provide information on a range of research output and are widely access.



ABOUT THE SCHOOL OF ENVIRONMENTAL SCIENCES

The School of Environmental Sciences provides a vibrant environment in which to carry out environmental and allied research. The School is one of the largest and longest established academic departments in Europe to focus on the study of the global environment. Our research and teaching span the fields of marine and atmospheric sciences, climate sciences, geosciences, environmental biology, geography, social sciences and economics. In line with its strong interdisciplinary ethos, research collaborations occur within and between these subjects. In 2017, our sustained contribution to understanding and protection of the environment was recognised with the award a Queen's Anniversary Prize for Higher and Further Education.

Research and Innovation

Our research is highly acclaimed. In the 2021 Research Excellence Framework exercise, we were 4th overall for research quality in Earth Systems and Environmental Sciences, with 94% of our research judged to be either world-leading or internationally excellent in terms of originality, significance and rigour. The School encompasses the Climatic Research Unit, Tyndall Centre for Climate Change Research, the Science, Society and Sustainability (3S) Research Group and the Centre for Social and Economic Research on the Global Environment (CSERGE).

The School has world class facilities including the Stable Isotope Laboratory, the Roland Von Glasow Air-Sea-Ice Chamber, a fleet of sea gliders, the Weybourne Atmospheric Observatory and a range of geophysical equipment. In addition, the Science Faculty Instrument Platforms provide state-of-the-art major and trace element and image analysis capabilities. Computing facilities available to the university research community include a High Performance Computing Cluster with Linux support.

Teaching

The School runs a number of MSc programmes in Environmental Sciences, Climate Change, Applied Ecology, and Environmental Assessment and Management (full-time and part-time). BSc programmes include Environmental Sciences, Geography (both BA and BSc), Geology with Geography, Geophysics and Marine Sciences (all also offered with a year in several other countries, or with a year in industry). The School also runs BSc programmes in Environmental Sciences and International Development, taught jointly with the School of Global Development.



OUR VALUES

Shaped by staff, our UEA values represent a core set of standards for how we behave as an employer, drive excellence in teaching, learning and research, and collaborate as an anchor institution in our local community.

From tackling global challenges, striving for student and staff success, and creating a vibrant inclusive environment, our values are what unite us.

- ✦ COLLABORATION
- ✦ EMPOWERMENT
- ✦ RESPECT
- ✦ AMBITION



OUR VALUES (CONTINUED)



COLLABORATION

We are collaborative by nature.

Together we build connections, share ideas and develop new networks. We champion our regional, national and global relationships and demonstrate that together we can achieve greater goals and positively influence the world around us.



EMPOWERMENT

We empower our colleagues to do their best every day.

We trust our people to make decisions based on their expertise and knowledge. We work to ensure processes are simple and efficient so we are agile in times of change, and allow our people to make choices that work for them, us and wider society.



RESPECT

We respect each other.

We treat everyone equally and are fair and consistent in everything we do. We value diversity and embrace different thoughts and views. We are open to challenge, so we can learn and improve. We encourage each other to create a positive, accessible environment that supports our physical and mental wellbeing.



AMBITION

We are ambitious for our colleagues, students and research success.

We are forward-thinking and brave in our approach and decisions. We make space for innovation and creativity, seize opportunities that are responsible and sustainable, and aspire to transform education for the better.

A SUSTAINABLE UNIVERSITY

At UEA, we are now working to create a university that will be even better in the future, and we are working to achieve net zero carbon by 2045 (or earlier). Our Sustainable Ways vision is one of a resilient university – where consumption is efficient and self-generated energy supports low carbon goals, supported by a vibrant community of world-leading researchers and inspired graduates.

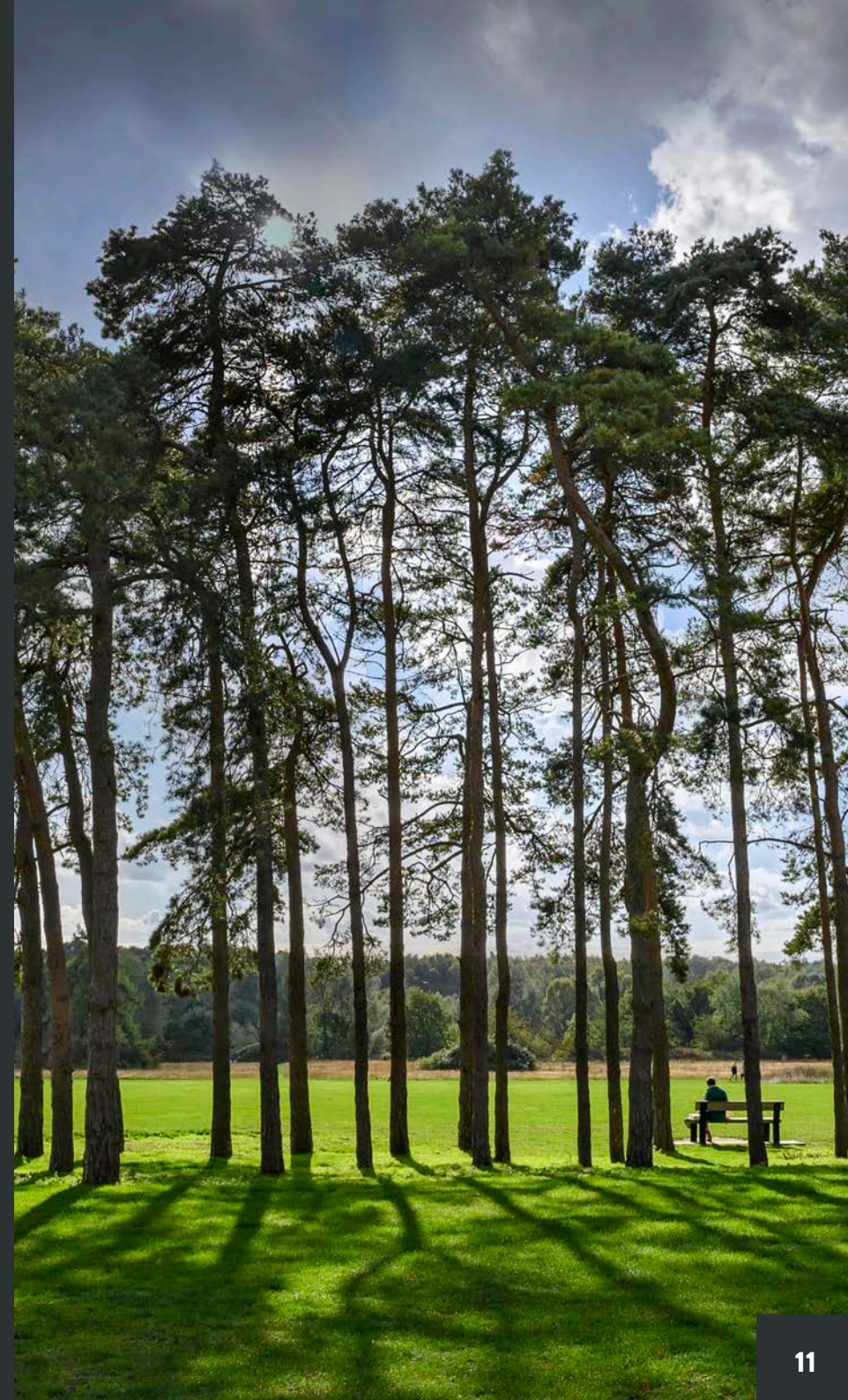
At a basic level, our sustainable development means that we try to balance the ‘three pillars’ of environmental, economic and social elements.

We challenge our environmental impact through on-site energy generation and a district heating and cooling network, reducing our reliance on grid electricity and therefore fossil fuels. We promote and use recycled and ‘eco’ products such as biological cleaning materials. We champion local suppliers and ethical causes, including Fairtrade and vegan products. We seek to ensure value for money in a holistic, whole-life costing sense in our new buildings and procurement contracts.

OUR INITIATIVES

The Green Impact programme sees teams from across our campus challenge their School or Department to improve its sustainable credentials. An online toolkit guides teams through a range of actions to an end of year celebration of achievements and the resulting awards. Central campaigns, such as holiday shut-downs or awareness day events, support a whole-University approach to energy saving and other initiatives.

Follow us on Twitter [@SustainableUEA](https://twitter.com/SustainableUEA)



OUR CAMPUS

UEA is based on a campus that provides top quality academic, social and cultural facilities to over 17,000 students.

Although located in 320 acres of rolling parkland, virtually no part of the campus is more than a few minutes' walk from anywhere else, so everything is close at hand – the library, nursery, health centre, supermarket (incorporating a post office), banking facilities and restaurants. Amongst the striking buildings is the UEA's Sainsbury Centre for Visual Arts, which contains the Robert and Lisa Sainsbury Collection – one of the greatest art collections formed in Europe during the 20th Century.

The University has invested in new learning and teaching and research spaces, including a celebrated new Enterprise Centre that underpins its commitment to promoting student enterprise and entrepreneurship.

Sport and Recreation plays a major part in the life of the University of East Anglia, centred around the major Sportspark facility which is one of the most successful community sport facilities in the UK. This accessible and affordable facility provides a diverse range of activities, and incorporates a 50m Olympic size swimming pool, indoor climbing wall, coaching resource centre and sports injury clinic.



NORWICH RESEARCH PARK

UEA is one of six organisations that together form the Norwich Research Park (NRP) Partnership; home to nearly 3,000 scientists working in several world ranked institutions.

These organisations are co-located on the southwestern outskirts of Norwich. They are:

- UEA
- Norfolk and Norwich University Hospitals Foundation Trust
- Quadram Institute Bioscience (BBSRC)
- John Innes Centre for Plant and Microbial Science (BBSRC)
- Earlham Institute (BBSRC)
- The Sainsbury Laboratory.

These organisations have a shared high-level strategy (the Norwich Science Vision) which is being realised through UEA, BBSRC, BEIS and EU funding (<https://www.norwichresearchpark.com/about/our-vision>). There is an agreement to share infrastructure and facilities and maximise scientific interactions.



NORWICH

A CITY OF STORIES

The city's motto is 'A fine city' and its strong cultural heritage has seen Norwich maintain the best of its historical character whilst developing to become one of the most vibrant and attractive cities in Europe. Norwich offers miles of riverside walks and cycle ways, and a unique collection of 1930's parks. The city is surrounded by beautiful countryside and within easy reach of the stunning Norfolk coast.

Norwich is a UNESCO World city of Literature, the first in the UK, as well as being one of the newly named Tech Cities recognising the growth of digital businesses in the region. The most prominent high-rise building, apart from the castle, is the magnificent 11th century cathedral, which still dominates the skyline. The city's medieval centre of cobbled streets remains largely intact, but there is still space for modern buildings such as the city's centrepiece, the Forum, which is a striking piece of contemporary architecture. The glass front overlooks the colourful open-air market (one of the largest in the country) and reflects the city in all its diversity.

The city is consistently rated as one of the top ten shopping venues in the UK. Norfolk and Suffolk attract thousands of visitors each summer. The famous Norfolk Broads are among the most important wetlands in Europe and a haven for rare plants, wildlife and insects. The Broads attract holidaymakers who come to navigate the intricate natural network of waterways formed by the Rivers Bure, Yare and Waveney and their tributaries.

For further information about UEA's excellent facilities, picturesque campus and the UEA working environment, please visit the 'Working Lives' microsite <https://www.uea.ac.uk/working-life/home> where you will find details about staff benefits, living and working in the city of Norwich and the surrounding area.



If there is another city in the United Kingdom with a school of painters named after it, a matchless modern art gallery, a university with a reputation for literary excellence which can boast Booker Prize-winning alumni, one of the grandest Romanesque cathedrals in the world, an extraordinary new state-of-the-art public library then I have yet to hear of it. Norwich is a fine city. None finer.

STEPHEN FRY



LOCATION

Some cities you've heard of, others you have to discover. Norwich is one of the most beautiful, modern historic cities in Britain. It's a city that celebrates the independent, stimulates creativity, promotes change and encourages diversity.

UEA is a campus university located 3 miles from the centre of Norwich. Situated in the heart of Norfolk, which means it's an ideal location to explore Norwich and beyond.

BY ROAD

KINGS LYNN • 1 HOUR
CROMER • 45 MINUTES
SOUTHWOLD • 1 HOUR

BY RAIL

LONDON • 2 HOURS
CAMBRIDGE • 1 HR 15 MINS
BIRMINGHAM • 4 HOURS

BY AIR

AMSTERDAM • 55 MINUTES
PRAGUE • 3 HOURS
PARIS • 3-4 HOURS



An internationally renowned university, UEA is ranked in UK Top 25 (The Times/Sunday Times 2021 and Complete University Guide 2021) and the World Top 200 (Times Higher Education World University Rankings 2021), where it ranks in the top 50 for research citations, reflecting the international excellence of its research environment. The University holds UK Teaching Excellence Framework Gold status.

Equality, Diversity, Inclusion and Wellbeing

The University is committed to diversifying its workforce and to the wellbeing of all our staff. As examples, we already hold an Athena SWAN Silver Institutional Award in recognition of our advancement towards gender equality. We also have a Vice-Chancellor led Taskforce on Tackling Racism and a Race Equality Charter Working Group which support our work on race equality. Our aim is to submit to the Race Equality Charter in 2024. Further details on our broader Equality, Diversity, Inclusion and Wellbeing work can be found on our [website](#).

