



Dear colleagues,

We are delighted to circulate the fifth quarterly Climate Ireland Adaptation Network (CIAN) news update with a quick round up of recent national and international adaptation-related items which may be of interest to you.

National & Regional:

- *Invitation:* Climate Ireland is looking for Irish adaptation case studies at a local, regional, or sectoral scale. If you have an adaptation or resilience case study, please send us a link or short summary for our database.
- *Invitation:* The CIAN team will be launching four working groups in the coming weeks on the topics of: adaptation/resilience targets, resilient decision making, just resilience, and adaptation indicators. Keep an eye out for details and please get involved.
- *Report:* The [EPA Focus on Adaptation Report](#) was published in January and highlights recent progress in Ireland's climate change adaptation, covering areas including policy, governance, planning, climate services, risk assessment, and research.
- *Report:* The report from the October 2024 CIAN Seminar workshop is now available [see attached].
- *Consultations:* As the sectoral adaptation plans are developed in the coming months watch out for public consultation periods or calls for feedback. Further information about the climate adaptation planning process can be found [here](#).
- *Report:* The [Central Bank Climate Observatory 2024](#) provides an annual update of climate-related metrics for the economy and financial sector. This update addresses: global trends in the progression of climate change, mitigation and impact; provides insight into climate risks for banks, insurers and funds using climate-aligned financial sector data; monitors progress and challenges in relation to national decarbonisation, and presents an overview of the Central Bank's own emissions from operations and investment activities.
- *Report:* The [Central Bank Flood Protection Gap](#) report seeks to understand the flood protection gap today and in the future.
- *Conference:* The EPA Annual Climate Change Conference will be held on Wednesday 28th May 2025 in Dublin Castle. Please save the date for this event.

- *Lecture:* The EPA, as part of the National Dialogue on Climate Action, hosted an online lecture on Wednesday 15th January with Prof. Bronwyn Hayward on [“Supporting Children, Youth and Future Generations in a Chaotic Climate Future”](#).

European:

- *Conference:* The [European Climate Change Adaptation Conference](#) will be held on 16th-18th June 2025 in Rimini, Italy for a dynamic platform dedicated to sharing implementation experiences, showcasing cutting-edge research, and fostering collaboration on climate change impacts and adaptation.
- *Guide:* EU funded [REACHOUT](#) project's practical guide on climate adaptation storytelling and co-creation with stakeholders.
- *Guidelines:* Eionet [guidelines to quantify climate change exposure and vulnerability indicators for the future](#): an example for heat stress risk across scales.
- *Technical report:* [Nature-based Solutions to address forest disturbances under climate change: the case of fire and pests](#).
- *Toolbox:* The EU-funded [CLIMAS](#) project citizens' engagement toolbox for societal resilience to climate change. The ambition of the CLIMAS project is to support a transformation to climate resilience by offering an innovative problem-oriented climate adaptation toolbox, co-designed together with stakeholders by applying a values-based approach, design thinking methods and citizen science mechanisms.
- *Consultation:* [Call for evidence begins on EU Water Resilience Strategy - European Commission](#) - input will be gathered from stakeholders and relevant parties to develop a Europe-wide plan to strengthen our water systems.

International:

- *Article:* [Over the past 2 years, Earth got hotter faster than ever before](#). Recent temperature records raise fears that global warming is accelerating.
- *Article:* [Copernicus: 2024 is the first year to exceed 1.5°C above pre-industrial level](#). 2024 is confirmed by the Copernicus Climate Change Service (C3S) to be the warmest year on record globally, and the first calendar year that the average global temperature exceeded 1.5°C above its pre-industrial level.
- *Publication:* [OECD paper](#) highlighting the need for an iterative process for effective climate adaptation policymaking. Specific attention is paid in this paper

to the role of multi-level governance and policies for building resilience in food systems due to their vulnerability to climate change.

- *Analysis:* [Co-benefits and trade-offs of UK climate actions: A Systematic Rapid Evidence Assessment](#) and rating of effects on climate adaptation and mitigation outcomes.

Research & Education:

- *Toolbox:* The University College Cork led Creative Ireland funded BluePrint project worked with flood-affected communities in Derry-Londonderry, Tyrone and Mayo to co-create risk communication materials including a [poetry performance](#), [choir song](#), and [sound installation which uses climate data](#). Further details on the creative process and additional resources can be found here: <https://www.marei.ie/project/blueprint/>.
- *Public engagement:* Dr Carla Mateus, Assistant Professor in the Geography Department at Maynooth University, has received a [Public Engagement Grant from the European Geosciences Union \(EGU\)](#) to undertake the project “[Prison talks: bringing climate change conversations into the Irish prisons](#)”. This project aims to raise awareness of climate change among people in prison, a hard-to-reach audience who don’t have much access to science outreach activities.
- *Report:* The [CC-DORM](#) project evaluates overheating risk in Irish dwellings in the context of climate change and large-scale retrofit. The project aims to develop an industry-facing overheating risk assessment tool to support decision-making. Recently, the project completed an extensive dynamic building simulation (104,976 model runs), with initial output analysis now underway.
- *Research:* [Updated High-resolution Climate Projections for Ireland](#): Addressing knowledge gaps in regional climate projections, this research (co-funded by the Environmental Protection Agency, the Marine Institute and Met Éireann) used scenario-based projections (SSP1-2.6, SSP2-4.5, SSP3-7.0 and SSP5-8.5) to simulate the future climate in Ireland (up to the year 2100). It used the most up-to-date regional climate models at a higher resolution (4 km grid spacing). Broadly in agreement with previous research, this research projects increases in temperature and heatwaves, decreases in frost and snow, increases in both dry and heavy rainfall events, less wind and longer growing seasons among many other things. The research provides Ireland with data to explore its future climate and enables an assessment of impacts across sectors, at regional and local levels.

- *Report:* The [Climate Research in Ireland 2023](#) report, published by the EPA on behalf of the National Environmental Research Coordination Group (NERCG), provides an update on climate research funding administered by NERCG member organisations in 2023. Some key activities of NERCG members in 2023 are also highlighted.
- *Course:* The [Certificate in Sustainability Strategy, Risk and Reporting](#) is for professionals who need to understand sustainability and will provide a comprehensive foundation in sustainability and ESG. The 8-week evening course equips participants with an understanding of sustainability trends, issues, and metrics.
- *Summer school:* Hometree's annual [Ardnaculla Summer School](#) will take place at Hometree HQ in Ennistymon 16th-18th May. This weekend of community, ecology and creativity will include workshops, field trips, talks and opportunities to learn and connect with experts and like-minded people curious about nature, adaptation and resilience in a changing climate.
- *Talk:* A talk on the SeaCChange project on Kerry's coastal communities protecting at-risk historic graveyards will be held in Cahersiveen in February 2025 [see attached].

We would encourage you to circulate this newsletter to your contacts and don't forget to let us know about upcoming events, or other items that might be of interest to CIAN members. Also, please encourage your peers to join the CIAN by emailing us at climateireland@epa.ie.