



Dear colleagues,

We are delighted to circulate the second 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:**

- *Newsletter:* [Government of Ireland Climate Action News](#) monthly ezine via LinkedIn
- *Report:* [Climate Change Impact on Ireland Water Resources](#) from An Fóram Uisce
- *Event:* [EPA Annual Climate Change Conference 2024](#) – Ireland Living in a Changed Climate with Gabriel Makhlof as keynote speaker, 15<sup>th</sup> May in Dublin Castle.
- *Press release:* [Local Authority Climate Action Plans](#) - all 31 local authorities have been preparing their local climate plans over the past year and all plans have now been adopted by the elected members
- *Video:* The first [EPA climate change lecture](#) of 2024 focused on the impacts of climate change on human health and was given by guest speaker Professor Lea Berrang Ford, head of the UKHSA Centre for Climate and Health Security, and chaired by Dr Lara Dungan.
- *Report:* [New report](#) from the Climate Forum brings perspectives of finance and environmental experts together to address climate risk management
- *Workshop report:* Following the NFCS Workshop in February, the [workshop report](#) is now available summarising the key findings and recommendations.
- *Event:* The Environmental Protection Agency (EPA), in conjunction with the Health Service Executive (HSE) and the Economic and Social Research Institute (ESRI) are delivering the annual [Environment, Health and Wellbeing](#)

Conference on 29th May 2024 - at the Royal College of Physicians, Dublin and Online.

- *Helpdesk:* The NFCS has set up a dedicated national climate services helpdesk for climate service stakeholders interested in climate services and information. Contact [NFCS@MET.IE](mailto:NFCS@MET.IE) or [visit](#) for more information.
- *Update:* Earlier this year Met Éireann's TRANSLATE project was one of five projects to win a RÉALTA award from Department of Housing, Local Government and Heritage. TRANSLATE has been nominated as the sole representative from the department to go on to the wider Civil Service Excellence and Innovation Awards (CSEIA) in the summer.

#### **European:**

- *Update:* EU Mission on Climate Adaptation ambassadors' kit (attached).
- *Report:* The [European Union Climate Risk Assessment](#) report builds on and complements the existing knowledge base on climate impacts and risks for Europe, including recent reports by the Intergovernmental Panel on Climate Change, the Copernicus Climate Change Service and the Joint Research Centre of the European Commission, as well as outcomes of EU-funded research and development projects and national climate risk assessments. The knowledge in this first-of-its-kind assessment is synthesised with the aim to support strategic policymaking.
- *Report:* [2023 Monitoring Report](#) on the German Strategy for Adaptation to Climate Change.
- *Webinar:* On 15 May, EEA launches a new report - [Responding to climate change impacts on human health in Europe: focus on floods, droughts and water quality](#) - produced under the European Climate and Health Observatory.

#### **International:**

- *Report:* [WMO climate change indicators](#) show more record breaking observations in 2023.
- *Article:* [Building support for more ambitious national climate action plans.](#)
- *Platform:* [UNFCCC Capacity-building Portal](#) showcases a range of tools, projects, courses, and other resources to enhance the capacity and ability of

developing countries to respond to the challenges posed by climate change at national, regional and local levels.

- *Industry guidance:* [Climate change and insurance](#) - how boards can respond to emerging supervisory expectations.
- *Report:* This report outlines the outcomes of Australia's [first pass risk assessment](#). It identifies 56 nationally significant climate risks facing Australia, and a subset of 11 priority risks for analysis in the second pass risk assessment.

### **Research & Education:**

- *Research:* [HydroPredict](#) - Higher greenhouse gas emissions are associated with large reductions in average summer and annual low flows in rivers. Changes in meteorological droughts in Ireland are driven by a transition to wetter winters and drier summers, together with increased evapotranspiration losses during summer and late spring months, leading to more frequent spring and summer droughts. The magnitude of future drought changes depends on future greenhouse gas emissions, with the most substantial changes found for higher emissions. Adapting to climate change in the water sector should place an increased emphasis on addressing the changing nature of droughts, especially across sensitive sectors. Using the latest climate models and emissions storylines, this research project assessed the projected impacts of climate change on flow conditions and droughts across 37 river catchments in Ireland.
- *Research:* [INFRALINC](#) - extreme weather events such as storms, landslides, river floods and coastal phenomena have threatened and damaged many different regions across Ireland. These events, while rare and often short-lived, can have a devastating impact on critical infrastructure systems. As a result of climate change, these events are becoming more frequent and more intense, affecting not only physical infrastructure but also the environment and society as a whole. Using risk-based approaches in assessing the impacts of extreme weather events and climate change is a well-established method of identifying the most vulnerable infrastructure, assessing the risks posed to that infrastructure and developing strategies to minimise those risks. This report presents an overarching risk assessment methodology for assessing risks posed to critical infrastructure by climate change.
- *Platform:* The [Climate Smart](#) adaptation education platform is now available as Gaeilge! Launched on 16th April, Gaelcholáistí can now join the 76 schools and more than 2600 students across Ireland who have completed Climate Smart TY module.

- *Upcoming work:* Grattan Beach and Dune Site - potential Nature Based Solutions in Galway to tackle coastal erosion (attached).
- *Research:* [ICARUS, WWA and Met Éireann research](#) finds climate change drove Midleton flooding.
- *Course:* The [Beaches & Dunes for Climate Adaptation course](#) aims to empower local communities in combating coastal erosion. The course will take place at five north western coastal sites including Fanad, Rossnowlagh, Dog's Bay, Keel, and Dunmoran during April, May and June and will span two days, with one day dedicated to theory and the other to hands-on community action through Nature-Based Solutions (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](mailto:climateireland@epa.ie).