MAGICA Newsletter 6th issue July 2024

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Editorial

The MAGICA project operates at the heart of JPI Climate's strategic priority of accelerating the development and transfer of knowledge from science to policy and practice within the European Research Area (ERA). MAGICA's ambition is to guide future climate research. With this quarterly newsletter, we aim to keep you informed on relevant knowledge needs, governance and innovation for climate action. You will find articles on progress of our flagship event Equinox Summit II, the first Assessment Report on Sea Level Rise, the upcoming Climate Neutrality Forum and more. Please help us grow the community by sharing the <u>subscription</u> link with your colleagues and network partners. MAGICA is funded by the European Commission through Coordination and Support Action under the Horizon Europe programme.

MAGICA activities



Catch up on MAGICA Project's progress

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Unit Climate and Planetary Boundaries.

The meeting had fruitful discussions and clear decisions relating to MAGICA project strategy in supporting JPI Climate actions and strategic engagements. The interactive session gathered insights from participants on key challenges and methodologies for achieving the CSA's objectives and to discuss the next steps for MAGICA, placing emphasis on inclusivity and active societal engagement. The consortium will use this exercise to address the Review Meeting recommendations to align MAGICA future activities, including milestones and deliverables.



MAGICA at the Third Forum of the EU Mission on Adaptation to Climate Change

MAGICA participated as one of the Mission projects in the annual Forum which took place this year under the Belgian Presidency of the Council of the European Union in Brussels, on 23 May. It was an opportunity to meet numerous key players in adaptation from local authorities, the finance sector and the charter signatories and to learn about regional initiatives on adaptation and related barriers and opportunities.

This community of practice was also the place to share first-hand information on the next European Climate Change Adaptation (ECCA2025) conference and to engage with key stakeholders.

The Forum took place as a hybrid event with streamlined plenary sessions and was preceded by a Town Hall Reception, sponsored by the Belgian Climate Center.



Update on the Equinox process: upcoming Sea Level Rise Assessment Report presented at JPI Oceans Strategic Navigation Forum

The Forum marked the third major dissemination of the report, following its earlier presentations at the Equinox Summit II in Brussels (March 2024) and the Ocean Decade Conference in Barcelona (April 2024). On 11 June, 2024, the 1st European Sea Level Rise Assessment Report was showcased by Bart van den Hurk, co-chair of the <u>SLR Knowledge Hub</u>, in the session on "JPI Oceans Joint Action Highlights".

Forum attendees expressed strong appreciation for the work of the Knowledge Hub on Sea Level Rise, commending the assessment report's transparent and comprehensive scoping and writing process, and its utility for coastal management and planning across Europe. The next important event for the <u>Equinox</u> team will be an Equinox Session under the Hungarian Presidency on 26-27 September in Budapest.

Upcoming events



The application of technology and digital tools to farming is key

The third edition of the MAGICA Summer School, being held early in July will kick off with a keynote address on AgriTech by a seasoned expert in the field. From then the 20 chosen participants will spend the week delving into how agriculture is influenced by climate change. They will also explore how technologies like Artificial Intelligence can play a constructive role in its global development.

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For more information here



Annual H-Farm Summer School

Each year MAGICA brings together innovation-minded students to explore climate adaptation opportunities in their chosen field at our H-FARM Summer School.

MAGICA spoke to Masters student Josh Finkelstein, from Canada and studying at Reading University in the UK, who has been selected for the 2024 Summer School. He told us about his motivation for applying to join the MAGICA H-FARM Summer School and the impact he hopes it will have on his future.

Read more about this year's H-Farm Summer School here



Climate Neutrality Forum 2024

The Climate Neutrality Forum 2024 will take place in Brussels, Belgium, on 28-30 October, hosted by MAGICA and JPI Climate. It is a science-policy-practitioner forum on the challenges and opportunities for achieving climate neutrality.

The dialogue will take place in the context of the latest scientific understanding of the key drivers of climate change as well as effective policies, measures and other interventions designed to reduce GHG emissions. It will also look at current understanding of how GHG removal may balance emissions by mid-century. The Climate Neutrality Forum 2024 will explore enabling environments for actions during this

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leading experts, science assessment bodies and research funders that will result in a report on the latest information on decarbonisation, which will serve as the framework for discussions at the event.

Learn more about the Forum, including how to register, here



ECCA2025 is here: express your interest for ECCA2025

Mark your calendar - the next European Climate Change Adaptation Conference will take place on 16-18 June, 2025, in Rimini, Italy. Join us for smarter, faster and more systemic adaptation in Europe.

ECCA2025 will be a unique gathering of adaptation expertise from an exceptional network of practitioners, policymakers, researchers and stakeholders. The conference, the 7th edition, will serve as a dynamic platform to share practical experiences and tools, exchange perspectives and foster collaboration. It is organised by MAGICA and JPI Climate, supported by the European Commission.

We hope to see you at ECCA2025! For more information <u>here</u>

Upcoming project reports



An actionable Strategic Research and Innovation Agenda for ERA 2025-2034 in support of climate action

New report coming soon

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research and innovation needs and foreseen synergies which synthetises research gaps of high political relevance on climate science for the next 10 years in Europe. This report will be the basis for the codesign of the future SRIA 2026-2035 with climate science researchers and stakeholders. In the meantime you can have a look at the MAGICA <u>WP3 co-design workshop</u> held in Brussels in February.



Report on Strategic Mapping of current available higher education programmes and products on climate change issues

2100 sustainability-related to degrees

Our report on strategic mapping of current available higher education (MSc and PhD programmes) on climate change in Europe is nearing completion.

It highlights education as a key tool to support the <u>UN's Agenda 2030</u>, with higher education institutions being essential in delivering the UN Sustainable Development Goals (SDGs) through education, research and stakeholder engagement. Therefore, sustainability-related degree programmes are rapidly emerging as a response - we found more than 2100 sustainability-related degree programmes (MSc and PhD) in 2023/24, especially in Western and Northern Europe followed by the South, with gaps in Eastern Europe and outside the EU. More information will be shared soon. Stay tuned!



Share your news with MAGICA's social media audiences

Our LinkedIn audience continues to grow steadily across all sectors so share your Climate Adaptation news with us. To submit an item (including a poll or question for feedback) for a LinkedIn post, please email Sally Stevens, <u>s.stevens@reading.ac.uk</u>

You can also reach out to us on X, Instagram and Mastodon

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