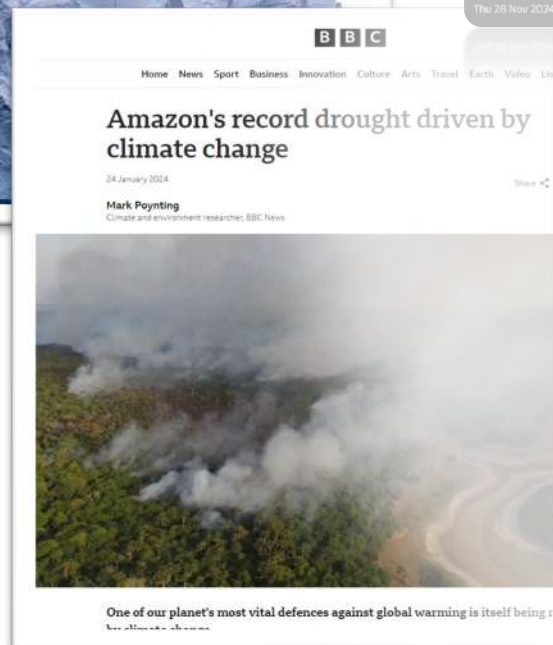




The IRISCC's Access Programme

Sabine Philippin, CNRS

Janne Rinne, Luke (Coordinator), Päivi Happanala, Luke (Project manager)



Integrated Research Infrastructure Services for Climate Change Risks (IRISCC)

- **Support Europe's capacity to address climate-change risks and build resilience** for evidence-based policies and decisions
- **Facilitate excellent research and innovation** to advance climate adaptation, climate neutrality, and sustainable resource management
- **Offer an innovative, comprehensive cross-RI climate-risk service portfolio** with easy access for a wide range of users
- **Ensure unique cross-RI integration and interoperability** through harmonised access and data policies
- **Maximise the use and impact of IRISCC services** by engaging and co-developing with users and stakeholders



RISK

HAZARD

X

EXPOSURE

X

VULNERABILITY



IRISCC Benefits

1 Increased Research Capacity

IRISCC gathers 79 partners from 21 European countries, representing 14 RIs provide enhanced capabilities for researchers to conduct groundbreaking climate change research

2 Improved Understanding of Climate Risks

IRISCCs offers several hundred services from 70+ installations help gain a clearer picture of the challenges related to climate change we face, allowing for more informed decision-making

3 Development of New Solutions and Tools

IRISCC empowers researchers to develop innovative tools and strategies in the domains of **Earth system, environment & health, and social sciences** together with **e-Infrastructures and European risk management platforms** towards mitigating and adapting to climate change risks

4 More Effective Climate Policies

Novel co-design RI approach through integrated knowledge services will equip policymakers with the knowledge needed to create effective and impactful climate action plans towards climate

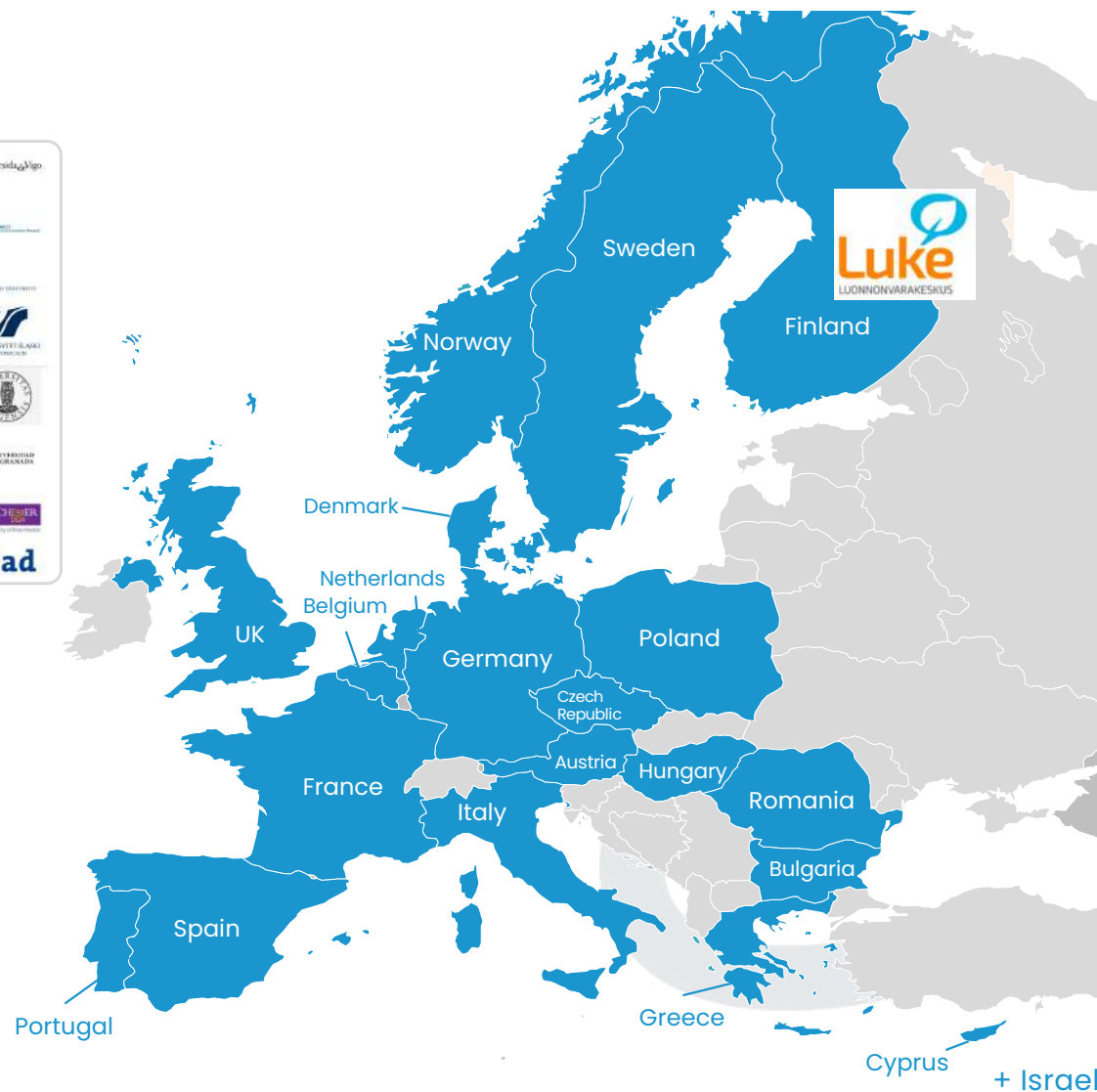
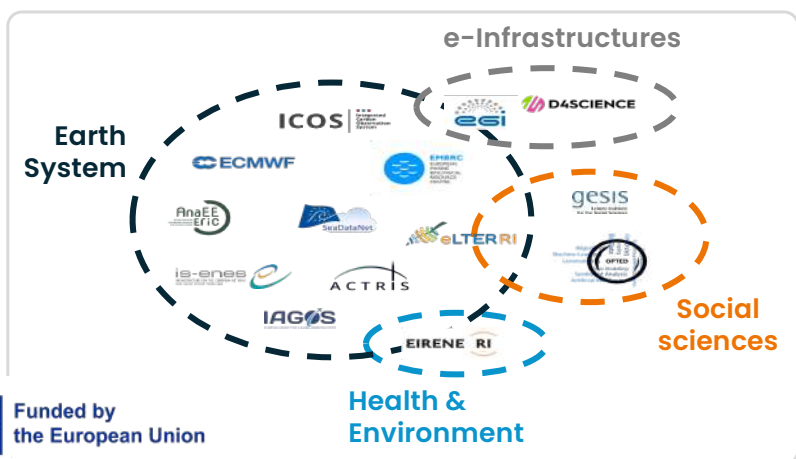


IRISCC Consortium

79



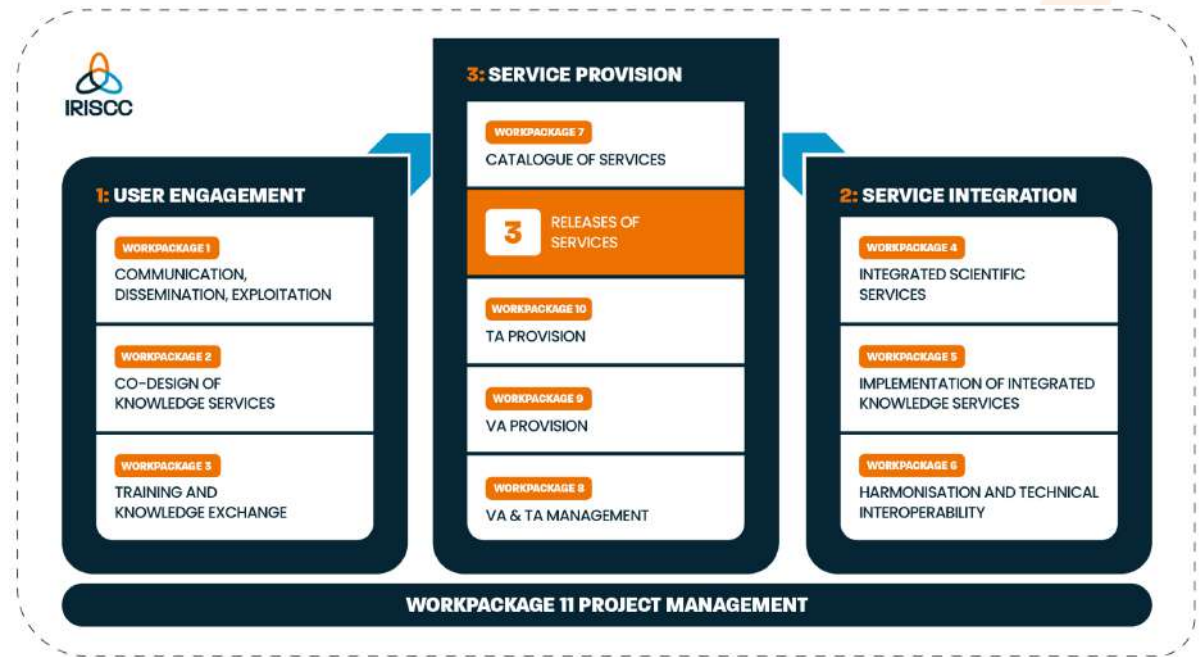
14





IRISCC Key Project Details & Conceptual Framework

- **Duration:** 54 months
- **Project budget:** 14.5 M€
- **11 Work packages structured into 3 Pillars:**
 - User engagement
 - Service integration
 - Service provision
- **Project outcomes:**
 - Direct: 59 Deliverables + 43 Milestones
 - Evidence-generated through TA/VA outputs, including data and publications, to support decision-making and adaptation strategies



Funded by
the European Union

HORIZON-INFRA-2023-SERV-01-01: RI Services to enable R&I addressing main challenges and EU priority

IRISCC Catalogue of Services

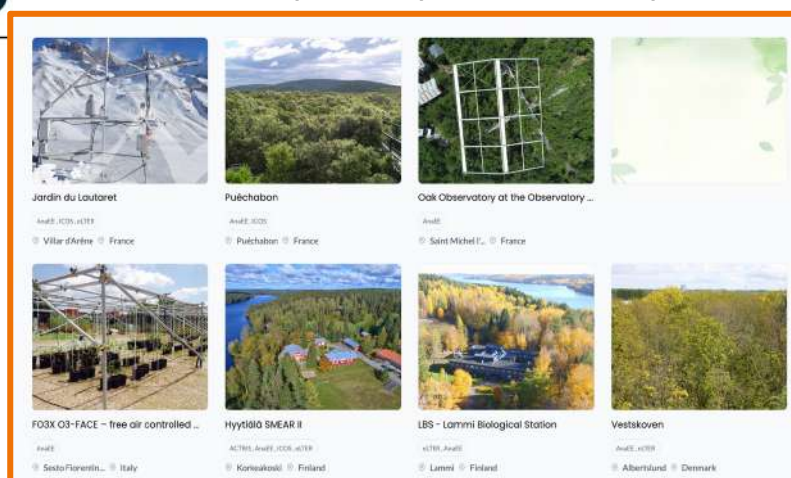


- One-point-entry to IRISCC services
- Users can browse catalogue by installations or services
- Multiple ways of exploring via multi-criteria search



IRISCC Catalogue of Services

Free text > Scientific domains > Keywords > Country > Research Infrastructure > System > Hazard >



System	<input type="checkbox"/> Agro ecosystems	<input type="checkbox"/> Aquaculture/fisheries	<input type="checkbox"/> Coastal	<input type="checkbox"/> Forests
	<input type="checkbox"/> Freshwater	<input type="checkbox"/> Grasslands/shrublands	<input type="checkbox"/> Managed forests	<input type="checkbox"/> Marine
	<input type="checkbox"/> Mountain communities	<input type="checkbox"/> Rural areas	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Wetlands

Hazard	<input type="checkbox"/> Air and water pollution	<input type="checkbox"/> Climate warming	<input type="checkbox"/> Cryo/snow	<input type="checkbox"/> Desertification
	<input type="checkbox"/> Disease vectors/pests	<input type="checkbox"/> Drought	<input type="checkbox"/> Fires	<input type="checkbox"/> Floods
	<input type="checkbox"/> Heat waves	<input type="checkbox"/> Landslides	<input type="checkbox"/> Ocean acidification	<input type="checkbox"/> Sea level rise
	<input type="checkbox"/> Storm surges			

IRISCC ACCESS PROGRAMME

Transnational Access (TA)

Virtual Access (VA)



→ Detailed information on each catalogue service

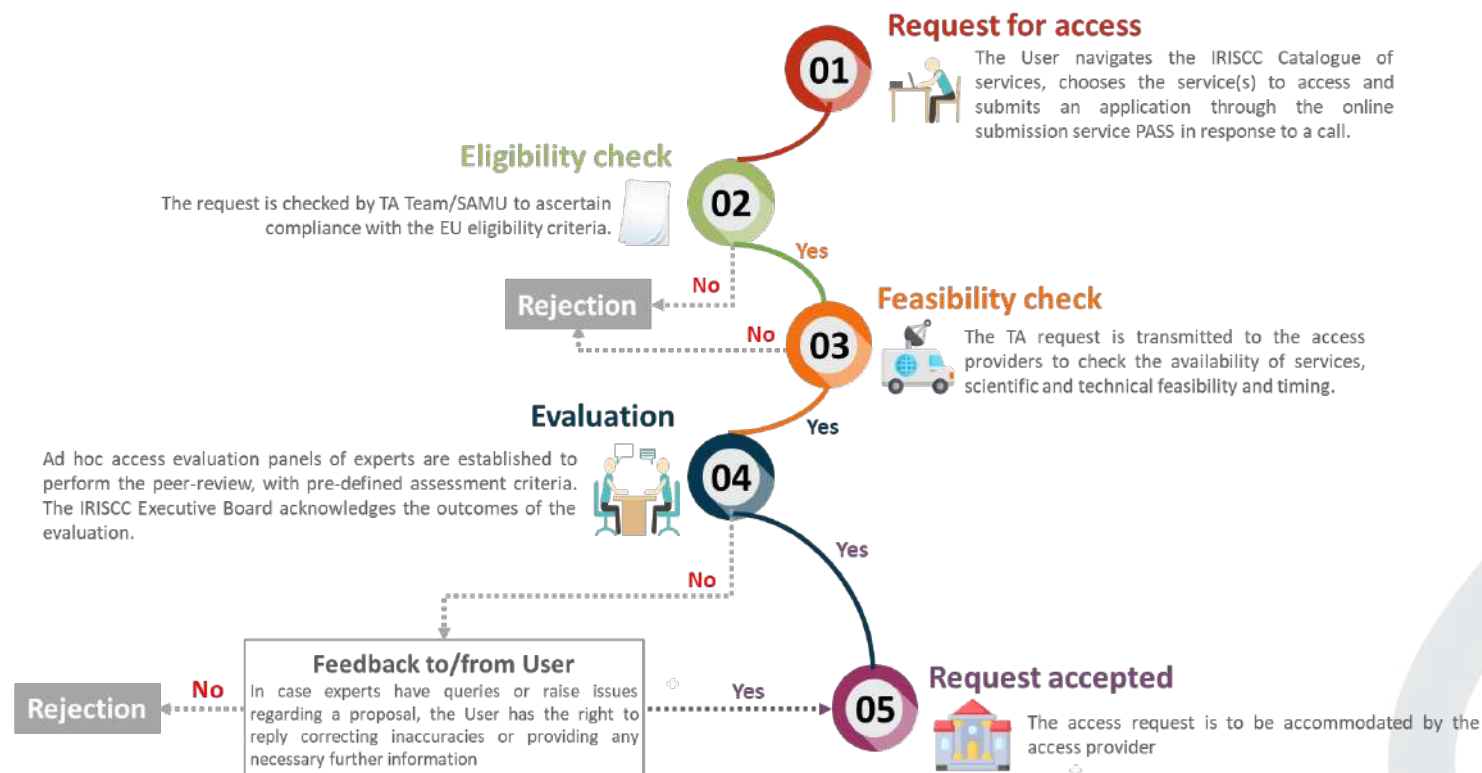


→ Access to open call application



IRISCC

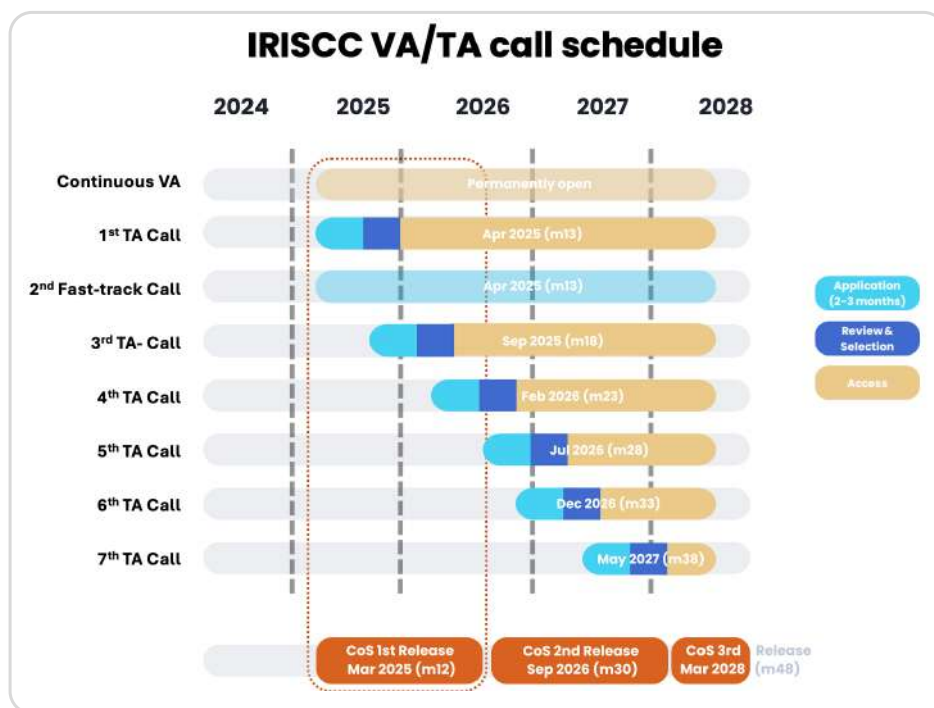
Transnational Access Process & Workflow



- ✓ Hosting agreement: data policy, local laws and regulations, etc
- ✓ Project execution
- ✓ Reporting



IRISCC Access Programme



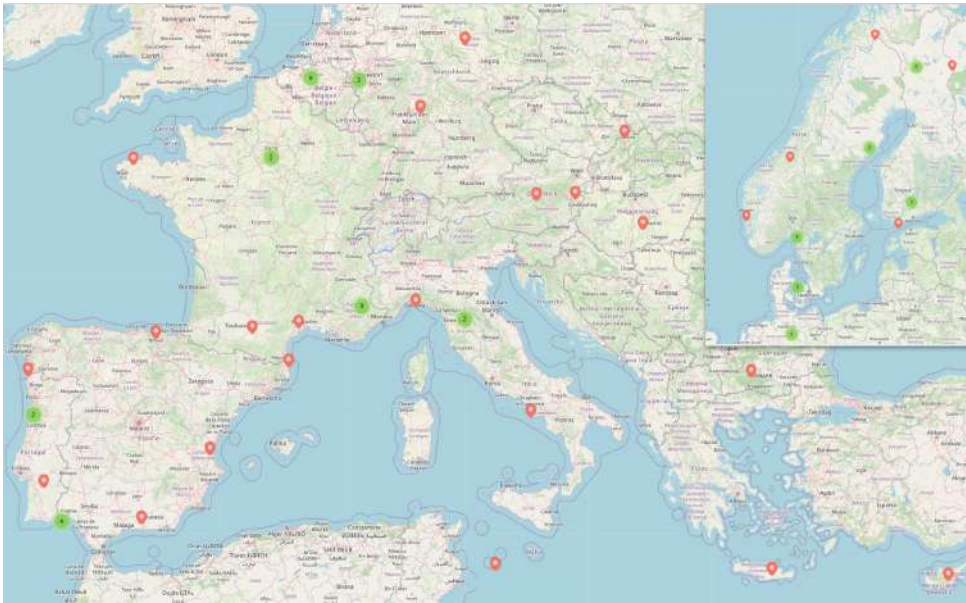
When to apply?

- Series of **sequential calls** (TA) from April 2025 to May 2027 with fixed deadlines, ad-hoc evaluation and final selection based on threshold scores
- **Permanent fast-track access** in case of unexpected events or for users from Ukraine
- **Continuous VA opportunity** with free and wide access w/o selection

Who can apply?

- **Wide range of users** including research communities and networks, EU project consortia, commercial users and societal users, policy makers and implementation agencies
- Transnational
- We actively welcome **international users** (20%)
- Call type defined by **IRISCC scope** (challenge-driven)
- **X-disciplinary** teams encouraged

IRISCC Access Programme



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What IRISCC offers

- **Sponsored access** to 96 experimental + observational facilities, modelling capacities, and data infrastructures
- **Comprehensive research capacity** with unique, relevant, and cutting-edge integrated and customised services
- 200+ services from 14 scientific domains and 65 subdomains
- Physical (hands-on) and remote/hybrid access
- Centralised entry point and efficient access process
- Onsite logistic and administrative support, training, T&S expertise, ...



IRISCC Advanced added value services & products

IRISCC catalogue of services and access programme



2nd Service Release

- Access to TA/VA to **integrated and customised scientific services** → tailored data products specifically targeting several climate risk areas to cover multi-hazard risks
- Interoperability 6 demonstrators developed in the first half of the project, interoperability ensured among RIs and with EOSC

1	Risk on human health in urban areas during heatwaves associated with deteriorated air quality	Atmo + Health
2	Risk on coastal regions due to flooding caused by sea-level rise and storm surges	EO + Hydro
3	Risk on terrestrial ecosystems functioning and services due to droughts and heatwaves	Bio + Eco
4	Risk on marine ecosystem's biodiversity , functioning and services caused by ocean acidification, warming and deoxygenation	Eco + Marine
5	Risk on food security due to multi-hazard risks (pests, diseases, drought, heatwaves)	Bio + Eco
6	Risk on multiple systems due to wildfires in Europe	Atmo + Eco + ECMWF

3rd Service Release

- Co-designed services through a transdisciplinary co-creation process with stakeholders and various user communities
- 4 Service Design Labs to establish knowledge services for societal use

1	Socio-economic impacts of land use (mining, transport, forestry, agriculture), linked to climate change, in a region of Austria
2	Socio-economic impacts of desertification driven by intensive agriculture in a region of Crete
3	Socio-economic impacts due to climate-change on carbon storage dynamics in ecosystems (forests, soils, oceans, ...)
4	User-defined services that support European climate policies through the Copernicus Climate Change Service


IRISCC Open Opportunities




Second Call for Transnational Access

2nd Open Call for Access

 Opens: September 29, 2025

 Closes: November 28, 2025

 Scope: General (non-thematic)


This call allows researchers, policymakers, and industry professionals with the opportunity to access top research infrastructure services and facilities addressing climate change-driven risks.


September 24, 2025



Fast-Track Call for Emergencies and Ukrainian Researchers

Fast-Track Call for Access

 Open Continuously: 2025–2028

 Scope: Rapid-response projects and Ukrainian researchers affected by climate emergencies.


April 25, 2025



Virtual Access Portal

Continuous Open Access

 Open Continuously: 2025–2028

 Scope: Digital responses for tackling and responding to climate-change risks

April 25, 2025



Third Call for Transnational Access

3rd Open Call for Access

... planned for February 2026!

[Please check iriscc.eu](https://iriscc.eu)



IRISCC

Benefits of IRISCC TA/VA for LAC Users

- ✓ **Access to globally relevant climate-risk data & tools** — IRISCC VA provides high-quality worldwide applicable data and analytics on climate-change-related risks
- ✓ **Collaboration opportunities** — LAC researchers are not direct beneficiaries, but can engage with IRISCC facilities via TA/VA, fostering international research and knowledge exchange; many RIs already collaborate with individual LAC research groups and networks
- ✓ **Expert support & capacity building** — Technical and scientific guidance helps LAC researchers using infrastructures effectively for climate-change risk research
- ✓ **Integrated, interdisciplinary services** — Combining hazards, exposure, and vulnerability data enables LAC researchers to analyse complex, systemic climate-change risks
- ✓ **Policy-relevant evidence & knowledge co-design** — Outputs support decision-making and adaptation strategies that can be applied or adapted to LAC contexts



THANK YOU!

www.iriscc.eu



<https://catalog.isia.cnrs.fr/catalog>