ERA-NET Cofund for Climate Services
Newsletter tenth issue, December 2018
distributed by the JPI Climate Central Secretariat

ERA4CS co-funded 26 projects implement their activities to advance Climate Services in Europe.
Follow the progress of the implementation of projects on our website.

Dear Partners of ERA4CS,
dear PIs of ERA4CS projects,

Our ERANet “Research for Climate Services” has done well in 2018, with its 26 projects funded for three years and its “additional activities” supporting the JPI-Climate in visionning and building the future.

Early in the year, the last contracts supporting the projects have been signed by the funding agencies. An extension of the ERANet until mid-2021 has been agreed with the European Commission to allow all projects to fully complete their objectives. Projects leaders have already appeared in a number of high-visibility events together with our skillful and dedicated communication team. The mid-term evaluation process is about to start and the date and location of the mid-term meeting will be announced soon.

Our General Assembly has just taken place in Madrid and was the occasion to discuss the procedures for evaluation of the projects, the budget adjustments and the priorities for additional activities in the coming years.
In March, a large Scoping Symposium was organized in Paris, allowing JPI-Climate to discuss its implementation plan for the next five years with a panel of stakeholders. A full report on this event and on preparatory discussions has been delivered to the JPI-Climate at the end of June. This will form the basis for future activities of the JPI. Discussions with other JPIs have also taken place in a number of arenas. Finally, a "pilot experiment" to align the practices of Climate Services in Europe will be launched next year. This will be based on short bilateral visits funded by ERA4CS, followed by an evaluation in order to decide whether such a scheme should be generalized in the future.

It is a pleasure to thank all partners of the ERANet for active engagement this year and to wish you all a Happy Christmas period and a very Happy New Year!

Philippe Bougeault
ERA4CS Coordinator

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**Fourth ERA4CS General Assembly**

28-29 November, 2018 Madrid, Spain

The 4th ERA4CS General Assembly (GA) was opened by ERA4CS Coordinator Philippe Bougeault (ANR, FR) at the National Science and Technology Museum announcing the extension of ERA4CS by eight months until end of August 2021. The GA received a welcome address by Frank McGovern (JPI Climate Chair) who informed about the points discussed during the JPI Climate Governing Board and stressed that one of the priorities of JPI Climate was to enhance collaborations with other JPIs.

Work Package leaders and Task leaders reported the progress made during the last year. To assess the funded projects in the context of ERA4CS monitoring efforts on-line questionnaires have been prepared and will be distributed to the projects. The Monitoring team will prepare a report on the mid-term evaluation and the mid-term meeting of all projects will be organised in summer 2019.

Roger Street from Oxford University (on behalf of ANR) summarised the Scoping Forum Process that took place over the last 1.5 year, with several meetings culminating with the Paris Scoping Forum Symposium on 28-29 March 2018, and the structure and content of the D7.5 report delivered by the T7.5 team. One of the findings of this process was the interest of developing other instruments than joint calls; JPI-Climate should explore the “Knowledge Hub” and “Thematic Annual Programming” instruments in the coming years.
Margarita Ruiz-Ramos (AEI) presented a pilot experiment for aligning practices on Climate Services, guidelines will be prepared and the call is planned to launch in spring 2019. Other points as new calendar of deliverables and the next GA date and place were discussed.

The next GA will take place in autumn, back to back with the JPI Climate Governing Board (date to be confirmed).
The 2016 joint call on “Researching and Advancing Climate Services Development” has been funded by ERA4CS partners contributing either by cash funding or by in-kind resources plus co-funding on both topics from the European Union. This call resulted in the selection of 26 projects that will be active from the autumn 2017 to the spring 2021. The present document is intended to provide an overview of the objectives, pilot users, main deliverables and input data of the 26 projects supported by ERA4CS. A summary of achievements of the 26 projects will be published in 2021, as part of the final report of ERA4CS.

Please read full guide [here](#).

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**ERA4CS Summer School Climate Services from the users' perspective**

10-14 September 2018 Pisa, Italy

The vision of ERA4CS Summer School Climate Services from the users' perspective was to find a common language on climate services for the projects as well as sharing the latest climate services resources. Early career researchers from the ERA4CS funded projects and other PhD students attended the Summer school on 10-14 of September 2018 in Pisa, Italy. The school brought together the academic community with the people who will deliver action on the ground.

The courses covered a broad spectrum of climate and climate impact research issues and fostered cross-disciplinary links. Thematic discussions highlighted the most urgent needs regarding communication between researchers and non-technical audiences in simplifying the message for society, to involve even more people in weather observation, to use climate services in changing attitudes starting from primary school level, working in close cooperation with stakeholders and end-users, providing them with tools and explanations, what each individual can do.

The ERA4CS Summer School was hailed a success by the 22 delegates from universities across Europe and around the world – including Africa, Guatemala, Mexico and Sri Lanka and representing a broad range of climate services research - who were all presented with completion certificates. More information is available [here](#).
We have a new section in the ERA4CS webpage - Blogs

During the ERA4CS Summer School on 10-14 of September in Pisa, Italy, participants produced a range of fascinating, readable and informative blogs and a selection is featured here.

Are you interested in writing or blogging your thoughts about the climate change? Send your posts to email address: secretariat@jpi-climate.belspo.be and we will publish it on our webpage.
News from the ERA4CS projects

The Second e-zine on Urban Climate Adaptation
Project deliverable lead by WenR

The INNOVA e-zine is about climate change and climate adaptation, and is intended to inform you about the efforts urban governments are taking to adapt to climate changes we all face, and on the use of data. We will focus on three European cities and two small island states: Kiel Bay in Germany, Nijmegen in the Netherlands, Valencia in Spain, and the islands of Guadeloupe & Martinique in the French West-Indies.

In this second edition the INNOVA project presents the climate and adaptation challenges the Valencia region is facing, its droughts and agricultural interests are the main themes.

The e-zine was initiated by INNOVA (‘innovation in climate services provision’) project and is funded by the European Research Area for Climate Services (ERA4CS).

We hope you enjoy this edition! Feel free to share it...

News from the INSeaPTION project

Synthesis of the March 2018 User Workshop in French Polynesia is now available. The INSeaPTION workshop on coastal climate services was organized from 22 to 23rd March at the Art Conservatory in Papeete (Tahiti). This event helped in identifying the specific needs for
scientific information and to define 10 tailor-made climate services for coastal adaptation in French Polynesia.

Full synthesis report of the 22-23 March 2018 User Workshop in French Polynesia.

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**Release of a prototype attribution service website**

**EUPHEME** is working towards a prototype attribution service website where attribution information and service ‘products’ will be made available to users. Different components of the website may include news items, case studies of high-impact extreme events, educational webinars by attribution experts and a service portal where output from attribution analyses will be displayed. WP4 has now delivered the first version of this service portal, thus meeting its first milestone 4.1. In the first phase of its development, the portal disseminates attribution information on seasonal timescales from the Hadley Centre’s system built on HadGEM3-A.

The service portal, or EUPHEME’s “attribution sandbox” (see schematic below) enables stakeholders to explore specific extreme events through an interactive website by selecting a region, time period and climate variable for an attribution analysis. The back-end system then performs a model evaluation and simple attribution analysis. In the future, a more complete assessment including trend detection, multi-model analysis and synthesis will be integrated into this system.

The results of this analysis are presented to the website user in a simple bar chart that represents the probability of the event in a world with and without climate change. This is accompanied by a simple text explanation and the option to click through progressively more complex concepts such as distributions, counterfactual simulations, uncertainty and model evaluation, all explained at an appropriate level. An alpha version of the portal will be evaluated with a panel of users to verify that the respective levels are correct for each step. The system may also intercede early-on if the requested analysis evaluates poorly, and instead present more general climate change information.
Clim2Power aims to create a bridge between complex model-based knowledge and targeted, end-user information via a EU-wide web-based climate service. This climate service will address the impacts of climate on hydro, wind, and solar power operation; electricity, heat and cooling demand; and the power system as a whole -- at both seasonal and long-term timescales.

Thus far the project has calculated first results for wind from statistical downscaling of seasonal forecasts and uploaded interpolated wind fields (100m above ground) of the COSMO reanalysis data set to the Climate Data Centre, which may be used by audiences who are interested in wind speeds at the hub heights of wind turbines (data in hourly, daily, and monthly resolution). Historic wind power production from 100 m wind speed data for the whole of Europe has been calculated for a grid up to 0.25 x 0.25° using a “physical” modelling approach, which provides vertical interpolation of the wind speed at hub height and the calculation for power production.
using power curve. The model is currently being fine-tuned and will be fed with seasonal forecasts and climate projections during 2019 to obtain wind capacity factors that can feed into energy and power models towards delivering optimum wind deployment.

Clim2Power has also analysed the results from the online User Requirements Survey. The vast majority of participants (91%) indicated that they needed some kind of climate information in their working lives, with 72% requiring climate information at annual (40%) or monthly (33%) resolution. Respondents also indicated that statistical summaries or indicators were more useful to them than raw data.

You can find more information by following this hashtag on twitter: #Clim2Power, on Clim2Power website https://clim2power.com/ and on Clim2Power Newsletter.

Dust Storms Assessment for the development of user-oriented Climate services in Northern, Africa, the Middle East and Europe

News about the DustClim:
• The ERA4CS DustClim project was presented during the 7th World Meteorological Organisation SDS-WAS(Satellite and ground observation and modelling of atmospheric dust) Training Course (https://sds-was.aemet.es/events/7th-training-course-on-wmo-sds-was-products) held in Ahvaz (Iran) on 10-14 November. The main objective of this training course is to build capacity of participants to use products of observation, analysis and forecast of atmospheric mineral dust.

• Dust observations catalogue considered within DustClim will be launched in early 2019.

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**CoCliME brings climate services to 18th ICHA in Nantes, France**

On the 21st October 2018, a clear and warm Sunday in the north of France, no less than 750 scientists from 64 different countries, gathered in the picturesque city of Nantes to exchange their expert knowledge of harmful algae. For a full week, talks and posters about toxin producing microbes and their environment were given, viewed, and debated during the 18th International Conference on Harmful Algae.

The ERA4CS project Co-development of Climate Services for Adaptation to Changing Marine Ecosystems (CoCliME) was represented by various talks, posters and meetings. The presentations contributed to promote the CoCliME research goals and approaches concerning the effect of climate change on harmful algal blooms (HABs) dynamics in European waters. This information is used to co-develop relevant climate services for end users such as shellfish farmers, tourists, health and environmental agencies, to prevent and adapt to the impacts of HABs in future climate change scenarios.
Presentations were given about the effect of climate change on the harmful aerosolized-toxin producing Ostreopsis and food chain dynamics of the shellfish toxin producing Dinophysis, two types of algae that are a strong focus of the CoCliME project. To learn more about these presentations, harmful algae or CoCliME, visit our website http://www.coclime.eu and check out our publications.

All Images by Beatrix Siemering, except the following:
Black and white image: Dinophysis acuminata by Bengt Karlson http://nordicmicroalgae.org
Blue image: Ostreopsis cells by http://www.icm.csic.es/
November 2018 — The SALIENSEAS project held a participatory scenario workshop at the Danish Meteorological Institute this month. A diverse group of mariners, researchers and policy analysts active in European Arctic maritime operations and their planning gathered to deliberate the focal question:

“What information is needed to successfully respond to changes impacting maritime activities now and through 2053?”

The scenario workshop’s main objective was to provide a deliberative participatory process for thinking about the present and future of Arctic maritime activities. The outcomes will be a robustness-analysis based bundling of future projections for the most prominent drivers of change impacting marine operators’ and planners’ informational needs. The input for this model is based entirely on participant input at our November 13th workshop. Following the workshop the SALIENSEAS team met with a select group of members of the Danish parliament from Greenland, the Faroe Islands and the Arctic working group to discuss Sustainable Development Goals (SDGs) in the Arctic.

The full workshop report will be available online in January at salienseas.com and in the interim, interested readers can access our full report from our Stakeholder Advisory Group (SAG) workshop held in January 2018 at The University of Tromsø. Our SAG identified the most pressing issues around meteor information availability and access, in terms of sector-specific needs to increase safety and efficiency of operations and formulated a plan for efficient and relevant data collection from, and with, end-users.

Questions about SALIENSEAS:
Michiel Lammers | michiel.lammers@wur.nl

Questions about the scenario workshop:
Berill Blair | berill.blair@wur.nl

SALIENSEAS is an ERACS project aiming to enhance the saliency of climate services for marine sectors in European Arctic waters.
CIREG: Generating Renewable Electricity in West Africa

Last October, the *Climate information for Integrated Renewable Electricity Generation* (CIREG) Project held its first stakeholder workshop in Niamey, Niger. The workshop aimed to disseminate the project to local agencies and organisations, and establish contacts with those that could be interested in collaborating. CIREG’s objective is to strengthen renewable energy networks between European and African partners by co-producing climate-resilient and sustainable renewable systems. For that, the project is working to provide model-based support for decision-makers, including governments and the private sector. The project members are currently establishing demand-driven, context-specific climate services for West Africa at various spatiotemporal scales (seasonal, short- and long-term). They are investigating the regional potential for renewables and identifying possible transition pathways towards renewable systems, in collaboration with regional actors, and focusing on the Volta, Niger, and Mono River basins. A hybrid renewable demonstrator to be installed in Togo will generate data for a critical scientific model evaluation. It will also serve as a demonstration site that can be visited by regional scholars and decision-makers. This local demonstrator study, the location for which will be shortly agreed upon, will be fully embedded in the wider project context at a later stage. Three additional ethnographic studies will be conducted in the other three countries involved in the project, namely Burkina Faso, Ghana, and Niger.
The CIREG project has recently published a joined paper on: "A new approach for assessing synergies of solar and wind power: implications for West Africa", which is a useful contribution to application-oriented research and climate services.

ClimApp News

A test prototype of ClimApp for android smart phone is available at Google Play. The present version has only integrated one heat stress index.

Two abstracts from ClimApp project were presented at the 7th International Conference on the Physiology and Pharmacology of Temperature Regulation in Split, Croatia, 7-12 October 2018.

1. Integrating individual factors with climate service data to provide personalized thermal stress warnings and advice
2. Optimized “Heat-Module” linked to climate service data and individual characteristics

ClimINVEST brings scientists and investors together

Business operations are increasingly affected by extreme weather events or slow changes in temperature and sea levels, but investors currently lack tools to assess how physical changes could affect their assets in specific locations or sectors.

A key aspect of the ClimINVEST project is to bring climate scientists and investors together in
science-practice labs to co-develop tailored tools for assessing physical climate risk and identifying climate-resilient investment opportunities.

The first such science-practice lab kicked off in Paris on November 9th. It brought together scientists and experts from ClimINVEST French partner institutions I4CE - Institute for Climate Economics (I4CE), Carbone 4 and Météo France and an initial working group of eight French financial institutions.

More science-practice labs will also be organised by partners Wageningen Environmental Research and Climate Adaptation Services in the Netherlands and by project lead CICERO (Center for International Climate Research) in Norway.

For updates from the project, follow #ClimINVEST on Twitter and check our website: www.cicero.oslo.no/en/climinvest

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**ISIpedia's role in informing research design in the impact modelling community**

In late September, we hosted the ISIMIP Strategy Group Meeting in Potsdam. The ISIMIP Cross-sectoral Science and Coordination Team, Sectoral Coordinators and members of the Scientific Advisory Board discussed and decided on the scenario set-up for the next ISIMIP simulation round (“ISIMIP3”). A particular focus was on how ISIMIP could best serve to provide research for the 6th IPCC Assessment Report (AR6).

Given the short time between the expected publication of CMIP6 climate model runs - which are needed as input for ISIMIP - and the submission deadlines for AR6, the ISIMIP Strategy Group has agreed on (1) making the slightly extended current simulation round the main ISIMIP contribution to AR6; (2) doing a set of new historical simulations; and (3) providing the opportunity to do a first set of future projections using CMIP6-based input data to determine the isolated effect of climate change on considered impact indicators. While these simulations
should be finished in time for the AR6, we additionally agreed on (4) starting a second simulation phase later to analyze the effects of different adaptation regimes according to specific Shared Socioeconomic Pathways (SSPs).

The new simulations will, for historical simulations, mainly focus on model evaluation as well as the attribution of observed impacts to various drivers, and for future projections, on the impacts of high-end climate scenarios (RCP8.5) as well as those of different adaptation strategies (SSPs).

Published just after the ISIMIP Strategy Meeting, the ISIpedia Stakeholder Survey Report captured a dialogue between stakeholder input and ISIMIP community response. The report summarises and reacts to stakeholder needs (and how they can be met) and barriers (and how they can be addressed), within the context of information and indicators on the current and projected impacts of climate change. The outcomes extracted from the survey will be used especially to inform the analysis of results from the extension of ISIMIP2 and 3. The survey report can be downloaded on the ISIMIP website: [here](#).

The ISIpedia project aims at developing a user-friendly online “encyclopedia” for observed and projected information on the impacts of climate change based on data and scientific knowledge generated within the Inter-Sectoral Impact Model Intercomparison Project (ISIMIP, [www.isimip.org](http://www.isimip.org)). ISIMIP is a consistent framework for geographically-resolved simulations of the impacts of climate change across a wide coverage of sectors such as agriculture, coastal infrastructure, and fisheries.

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**URCLIM General Assembly**

This year, the second General assembly of URCLIM project took place in Toulouse, France at Météo-France. It was a 2 days event organized on September 25-26 where members from all partner organizations joined.

The first day was dedicated to discussions on the latest achievements. But also, to recap all that has been done since the project started. The second day was divided into two parts: break-out sessions were organized in the morning for partners to split in groups and discuss WP2.
(Urban Planning) and, the other group WP3 (Methods for impacts assessment and uncertainty estimation). On the afternoon, trainings were organized. Jean-Christophe Calvet and Catherine Meurey (Météo-France) presented ECOCLIMAP SG and provided practical exercises. Then Bénédicte Bucher gave a talk on the Infolab webinar she organized earlier in September.

It was decided during this event that the next General Assembly should be held in Helsinki at the Finnish Meteorological Institute during Spring 2019.

URCLIM 2nd Newsletter is now online

Upcoming events

Pre-announcement: JPI Climate & JPI Oceans Joint Transnational Call on Next Generation Climate Science in Europe for Oceans

February 2019

This call on next-generation climate science is expected to make available up to 7.6 million EUR by partner organisations from seven countries around Europe and is expected to open in February 2019.

More information available here.

European Conference on Climate Adaptation, ECCA 2019, including JPI Climate /ERA4CS/ SINCERE side events

27-31 May 2019, Lisbon, Portugal
Recent news on JPI Climate

16th JPI Climate Governing Board meeting
26-28 November in Madrid, Spain

The JPI Climate Governing Board members met for the sixteenth Governing Board (GB) meeting on November 26-28 at the National Science and Technology Museum in Madrid, Spain. It was a 2 days event focusing on implementation actions following up on the 1st SRIA Scoping Forum Symposium including a discussion on the IPCC 1.5°C special report, and foresight activities to be considered in the next cycle of the Scoping Forum.

The Governing Board members were welcomed by JPI Climate Chair Frank McGovern and the host Estrella Fernandez Garcia from the State Research Agency, Spain. A potentially new member of JPI Climate was welcomed from the Ministry of Higher Education, Youth and Sports from the Czech Republic that presented its letter of intent to join the JPI Climate partnership. Slovenia was also welcomed as a new full member of JPI Climate by signing the respective Memorandum of Understanding.

During the meeting, an intervention of the European Commission on the state of play of Horizon Europe negotiations, the collaboration with other JPIs, Copernicus and the Belmont Forum were
on the agenda.

At this meeting the composition of the new Transdisciplinary Advisory Board was presented and a first meeting announced for early January in Brussels. A discussion on the strategic direction of JPI Climate including ideas for the development of knowledge hubs in key areas were reserved for the end of day two.

It was decided that the next Governing Board meeting will take place in Helsinki mid-May 2019.

The JPI Climate action group SINCERE (Strengthening INternational Cooperation on climatE change REsearch) met for its second General Assembly meeting on October 8, 9 and 10 at the BELSPO offices in Brussels. Held at month 9 since the start of the project, this meeting served as a first waypoint to assess the state of play.

The SINCERE partners were welcomed on day 1 by Frank Monteny (Director General Research and Space at BELSPO), Petra Manderscheid (on behalf of the JPI Climate Chair) and SINCERE coordinator Sophie Verheyden (BELSPO). Jan De Schutter (BELSPO) was
introduced as co-coordinator. Meropi Paneli (Senior Policy Officer - External Relation Directorate General for International Cooperation and Development Unit C6 (DEVCO)) talked about how the DG DEVCO is supporting African, Caribbean and Pacific countries to tackle climate change and increase resilience to climate induced disasters.

Also on day 1, Work Package leaders and Task leaders presented the progress made during the first months of the project. During the next days of the meeting, parallel sessions gave the SINCERE partners opportunity to discuss a way forward in close mutual collaboration.

On day 3 of the meeting, Arne Lietz (Member of the European Parliament) talked about the report on EU-Climate diplomacy and his experience in addressing climate change issues on the various political levels. To conclude the General Assembly meeting, the Work Package leaders presented the outcome of the discussions and laid out their roadmap for the next year of SINCERE

Operationalising knowledge on and for Societal Transformations in the face of Climate Change
11-12 October 2018, Brussels, Belgium
The JPI Climate Action Group “Enabling Societal Transformations in the face of Climate Change” (AG EST), together with the JPI Climate CSA project, SINCERE, organised a joint workshop to consolidate and connect key SSH insights and recommendations in research on and for societal transformation, climate services and climate related decision-making processes. This workshop called “OPERATIONALISING KNOWLEDGE ON AND FOR SOCIETAL TRANSFORMATIONS IN THE FACE OF CLIMATE CHANGE” was conducted on October 11 and 12, 2018, in Brussels at the JPI Climate Central Secretariat at BELSPO.

The workshop aimed at strategic road-mapping to connect past, current and future JPI climate activities on societal transformation, climate services-and climate decision-making processes. The outcome is a White Paper that provides recommendations and insights for connecting and mobilizing key social science and humanities (SSH) research perspectives on and for research on societal transformations in the face of climate change.

Despite mounting scientific evidence affirming the damaging onset of climate change, as expressed most recently in the Special IPCC 1,5 °C report, concerted societal actions to address this global challenge remain elusive. Research indicates that there is a critical need to move beyond a focus on describing the climate change challenge, towards identifying and implementing effective societal solutions and actions in order to prevent catastrophic climate change-related impacts (Fazey et al., 2018). The White Paper provides an overview of the current state of play, knowledge gaps and research priorities for enabling societal transformations now and in the future. To do so, the paper draws on and connects findings from a number of previous scoping efforts conducted within and beyond JPI Climate in the areas of societal transformation, climate services and climate related decision-making and summarises previous efforts made in JPI Climate to prioritise research themes and frame research questions and calls in the climate area with clear SSH focus and relevance.

Promotional video about the SINCERE project

SINCERE has produced a promotional video on JPI Climate collaboration to raise awareness about the project and JPI Climate activities.
The ERA-NET AXIS is a network of 11 funding organisations from 10 European countries that has been created to promote cross-boundary, cross-community research with the overall goal to improve coherence, integration and robustness of climate impact research and connect it to societal needs. To this effect, AXIS aims to bring together international expertise in the areas of this Call for Proposals and work on overcoming boundaries between science communities through inter- or transdisciplinary research projects.

The 40 full proposals were submitted to the eligibility check by the funding agencies and will be evaluated thereafter by extern experts during the months of November and December, 2018.

Upcoming events

Third ECRA General Assembly
27-28 February 2019, Brussels, Belgium
ECRA (the European Climate Research Alliance) is organising a major event on 27-28 February 2019 in Brussels; the third ECRA General Assembly. The theme will be: Climate Change and Actionable Information

This event is open to all and will provide an exciting forum for discussion on our present and future climate. On the afternoon and evening of the first day, scientists, decision-makers and experts from a variety fields will join for presentations and panel discussions. The second day will focus on ECRA’s Collaborative Programmes and the actionable information needed to address the challenges of climate change. Please see the event website<http://www.ecra-climate.eu/activities-events/ecra-general-assemblies/182-ecra-ga19-2b> for more information.

Your input is welcome <https://goo.gl/forms/DxiOAgnHe4wgROKF3> on the content of the conference.

Source: ECRA Chairs and Secretariat

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**Interesting news**

**10 Years Joint programming - Achievements and the Way Forward**

**19 September 2018, Vienna**

JPI Urban Europe and the Austrian Research Promotion Agency – FFG organised an evening event to celebrate the 10 Years of Joint Programming Initiatives (JPIs) on 19th September in Vienna, which was followed by a conference on 20th September hosted under The Austrian Presidency of the Council of the European Union.

This event was organised by the 10 JPIs with the aim to promote JPIs and their achievements and to present a common position in the view of the next Framework Programme.

Based on the experiences of the ten JPIs their recently presented long-term visions and
strategies and cooperating with the European Commission (EC) in the European Research Area, the conference focused on their role and contribution to achieve the UN Sustainable Development Goals (SDGs) and implement mission-oriented programmes in Horizon Europe.  JPI's movie

The JPI's, Member States and the EC shared the experiences of JPIs and discussed the establishment of mission-oriented/challenge-driven research and innovation (R&I) programmes against future requirements of the European Research Area (ERA) and the 9th Framework Programme (Horizon Europe).

The delegates discussed the potential contribution of JPIs to Horizon Europe and with regard to international policies, in particular SDGs.

During the conference the JPI Chairs presented a Joint Declaration on how to proceed: Driving research and innovation to address global challenges. Its aim is to strengthen Europe's pioneering role in achieving the UN Agenda 2030 and its SDGs.
The mid-term meeting of the JPI Climate and Belmont Forum 2015 joint call
3 October 2018, Kyoto, Japan

The mid-term meeting of the JPI Climate and Belmont Forum 2015 joint call "Climate Predictability and Inter-regional Linkages" took place during the WCRP-SPARC* General Assembly (GA) in Kyoto, Japan on 1-5 October 2018. This meeting, that gathered 32 project partners and guests, was the opportunity to have an overview of ongoing projects, to bring about a meeting between the various actors of the funded projects and to obtain feedback from them regarding the Collaborative Research Action (CRA) progress and the possible improvement of the process.

The mid-term meeting was scheduled on afternoon of 3 October. Several project partners also presented their projects during the WCRP-SPARC GA thanks to oral presentations and posters.

This call for proposals has been jointly launched by the Belmont Forum and the Joint Programming Initiative “Connecting Climate Knowledge for Europe” (JPI Climate) in 2015. This CRA aims to contribute towards developing climate services with a focus on inter-regional linkages and their role in climate variability and predictability. The efforts have to be made to have more dense observations, understand the scientific processes and develop ways of disseminating knowledge through enabling decision makers in delivering climate services to society at large.

Free training on how to use the Climate Data Store platform

The Copernicus Climate Change Service (C3S; see more here: https://climate.copernicus.eu) contract on 'User Learning Services' aims to offer free training on how to use the Climate Data Store platform.
Store platform and its content. Our ambition is to provide high quality training to those who want and need to use climate data and information and to support capacity building across Europe (see more information on this contract here: https://climate.copernicus.eu/user-learning-services).

As part of this contract an online survey was developed to help us understand the training needs of (potential) users with regard to climate information and data available from the C3S in order to help us better shape and develop future training activities across Europe.

The survey takes less than 10 minutes to fill in and can be accessed here: https://www.surveymonkey.co.uk/r/S26PQRS

Please disseminate this survey to your national networks and within your organisations as well as providing your own feedback.

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**JPI Climate is also present in the social media**
Join us in our group of 243 members in LinkedIn and the 1568 followers on Twitter, subscribe to our newsletter, have a look at our website and watch our videos on Youtube if you want to learn more about JPI Climate.