



December 2016

ICRE8 NEWSLETTER

From the Editor



Josef Adler
Intern at ICRE8

Dear ICRE8 friends,

I am very happy to announce our third newsletter. Since you last heard from us nearly one year has passed. During this period everyone at ICRE8 has been very busy and productive. Hence, I am glad to share our latest research activities, projects, team publications, meetings and events with you. I would like to thank our researchers and colleagues who have contributed to the production of another newsletter which I hope you will enjoy and appreciate once more. Thank you all for sharing your comments, suggestions and feedback.

ABOUT ICRE8

[The International Centre for Research on the Environment and the Economy \(ICRE8\)](#) is a non-for-profit, private, Research Centre dedicated to interdisciplinary research on the Environment, Energy, Economy, Eco-innovations and their electronic versions (hence E8). The overarching goal of the Centre is to promote the understanding and implementation of Sustainable Development, as the only non-self-destructive path of socio-economic development. Central to ICRE8's mission is the pursuit of excellence in conducting and presenting research and a commitment to explore relevant environmental, natural resources and energy issues, for a variety of circumstances and stakeholders and across different temporal and spatial scales.

STRUCTURE

[Prof. Dr. Phoebe Koundouri](#) is the Founder and Scientific Director of ICRE8. The ICRE8 [Strategic Planning Board](#) is the strategic decision maker of the Centre. Seats on the board are given to institutions and foundations, private partners and world recognized thinkers on issues relevant to the interaction of society-economy-natural resources.



DEPARTMENTS

- Sustainable Development Solutions Network ([SDSN-Greece](#))

Head: [Prof. Andreas Papandreou](#)

- Economic and Econometric Modelling

Head: [Prof. Nikitas Pittis](#)

- Natural Capital Valuation, Cost-Benefit Analysis, Integrated Resource Management And Decision Support Systems

Head: [Prof. Phoebe Koundouri](#)

- Stakeholders Analysis, Foresight Methodology & e-planning

Head: [Prof. Maria Giaoutzi](#)

Find more information on the ICRE departments [here](#).

December, 2016

CORE RESEARCH GROUP

ICRE8's [core research group](#) consists of 34 researchers and is complimented by 39 associated researchers in [Greece](#), [Europe](#), the [USA](#), and [Asia and Australia](#). In addition, a big number of [research students and internships](#) also support the research at ICRE8. **SDSN GREECE**

ICRE8 is hosting the Greek chapter of the [United Nations Sustainable Development Solutions Network \(UN SDSN-Greece\)](#), together with the [National and Kapodistrian University of Athens \(NKUA\)](#) Political Economy of Sustainable Development Lab, and will be organizing two major conferences in 2017, the Mediterranean UN SDSN annual conference and the 23rd Annual Conference of the European Association of Environmental and Resource Economists ([EAERE 2017](#)).

CLUSTER INSTITUTIONS

With SDSN Greece, the Political Economy of Sustainable Development Lab (PESD) of the [National and Kapodistrian University of Athens \(NKUA\)](#), the [Research Team on Socio-Economic and Environmental Sustainability \(ReSEES\)](#) of the [Athens University of Economics and Business \(AUEB\)](#) and [Athena Research and Innovation Center](#), ICRE8 forms a cluster of cutting-edge research institutes that produce one of the most powerful cutting-edge research centers in Europe.

To read more on ICRE8 and its collaborating institutions or to see previous newsletters visit [ICRE8's new website!](#)

December, 2016

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1. ICRE8 NEWS

A. EVENTS

FORTHCOMING EVENTS

EAERE 23rd Annual Conference (2017) @ Athens, Greece Hosted by ICRE8!!!

European Association of Environmental and Resource Economists



CALL FOR PAPERS
Deadline: 31 January 2017

Local organizer



International Centre
for Research on the Environment
and the Economy
www.icre8.eu

It is our pleasure to invite you to the 23rd Annual Conference of the European Association of Environmental and Resource Economists ([EAERE](#)), 28 June – 1 July 2017, organized by the [International Centre for Research on the Environment and the Economy \(ICRE8\)](#), in collaboration with [Athens University of Economics and Business](#), the [National and Kapodistrian University of Athens](#), and [ATHENA Research and Innovation Center](#). Founded in 1990, the EAERE has over 1200 members in 80 countries, from Europe and beyond, from academic institutions, the public sector, and the private industry. Interests span from traditional economics, agricultural economics, forestry, and natural resource economics.

Keynote speakers:

- [Sir Prof. Partha Dasgupta](#) co-chairing with ICRE8 Scientific Director, [Prof. Phoebe Koundouri](#)
- EAERE 2017 Key Note Speaker: [Prof. Graciela Chichilnisky](#)
- EAERE 2017 David Pearce Lecture Key Note Speaker: [Prof. Karine Nyborg](#)
- EAERE 2017 Policy Key Note Speaker: [Maria Damanaki](#)
- EAERE 2017 Key Note Speaker: [Prof. Massimo Marinacci](#)
- EAERE 2017 Key Note Speaker: [Prof. Jeffrey Sachs](#)

EAERE 2017 Advanced Policy Workshop — Sustainability and Resource Valuation

An Advanced Policy Workshop in “[Sustainability and Resource Valuation](#)” will be held on 28 June 2017 in the historic Kostis Palamas Building (Akadimias 48) in the center of Athens under the auspices of [UN SDSN-Greece](#). Leading international experts will present their research and discuss issues which are on the frontier of current research and policy agendas.

Lectures include:

- [Ms. Maria Damanaki](#)
- [Prof. Sir Partha Dasgupta](#)
- [Prof. Yannis Ioannidis](#)
- [Prof. Phoebe Koundouri](#)
- [Prof. Andreas Papandreou](#)
- [Prof. Jeffrey D. Sachs](#)
- [Prof. Tasos Xepapadeas](#)

ADVANCED POLICY WORKSHOP IN SUSTAINABILITY AND RESOURCE VALUATION	
<p>28 June 2017 09:00 – 16:00 Athens, Greece</p> <p>Leading international experts will present their research and discuss issues which are on the frontier of current research and policy agendas.</p>	<p>Under the auspices of SDSN-Greece</p> <p>ORGANIZERS</p> <p>Political Economy of Sustainable Development Lab (PESD), Department of Economics, National and Kapodistrian University of Athens</p> <p><i>In collaboration with</i></p> <p>Athens University of Economics and Business and International Centre for Research on the Environment and the Economy (ICRE8)</p> <p>The Workshop will take place in the historic Kostis Palamas Building (Akadimias 48) in the center of Athens.</p> <p>Workshop registration includes:</p> <ul style="list-style-type: none"> • Copies of all presentations • Coffee breaks and lunch • Certificate of Attendance
<p>LECTURERS</p> <p>Ms. Maria Damanaki Prof. Sir Partha Dasgupta Prof. Yannis Ioannidis Prof. Phoebe Koundouri Prof. Andreas Papandreou Prof. Jeffrey D. Sachs Prof. Tasos Xepapadeas</p>	
<p>REGISTRATION FEE: €80 To register, or to receive further information, please contact: andreas.papandreou@icre8.eu</p>	

To get further information on the Advanced Policy Workshop or to register click [here](#).

EAERE 2017 Pre-Conference Workshop — Spatial Dimensions of Stated Preferences

This pre-conference workshop at EAERE 2017 in Athens directly follows and expands upon the thematic session Willingness to pay in space: New insights into the spatial dimension of stated preferences, held at the 2016 EAERE conference in Zurich. It responds to queries and requests received in the original thematic session, and specifically the need for: (a) in-depth discussion of the challenges and opportunities related to spatial dimensions of stated preference design and modelling, and (b) a pioneering set of “best practice guidelines” for the treatment of space within stated preference valuation.

For more information visit the [EAERE website](#).

EAERE 2017 Pre-Conference Workshop — Natural Capital Valuation

The workshop on SDG Implementation via Optimal Investment Processes will take place on 27th June 2017 in Athens, under the Auspices of the City of Athens Office of Resilience and Sustainability as a Pre-Conference Workshop for [EAERE 2017](#) It will take place in Athens and be hosted by ICRE8. Jeffrey Sachs will give the keynote speech.

EAERE 2017 - Call for Papers now open

You are invited to submit theoretical and empirical papers in all areas of environmental and resource economics for presentation at the EAERE Annual Conference. Papers should be submitted [here](#). The deadline for paper submissions is 31 January 2017. Paper submitters will be notified as to the outcome of the peer review process on 30 March 2017.

For more information click [here](#).

PAST EVENTS

JANUARY 2016

2nd International Symposium on GREEN ENERGY FOR A SUSTAINABLE FUTURE, Asthra 2016

[Prof. Phoebe Koundouri](#) (AUEB, ICRE8, LSE) gave a keynote speech at the 2nd International Symposium on GREEN ENERGY FOR A SUSTAINABLE FUTURE, Asthra 2016, Amrita School Of Business, Kochi, INDIA. The title of the speech: Economics In Shaping up Coastal Management: Nature, People and Institutions.



2nd International Symposium on GREEN ENERGY FOR A SUSTAINABLE FUTURE, Asthra 2016

[Amerissa Giannouli](#), ICRE8 Researcher, was selected to participate in the European Youth Exchange Program "[ACTORS OF TRANSITION](#)", supported by the Kreisau-Initiative e. V.



Kreisau-Initiative

FEBRUARY 2016

World Bank Mission (February 17-19, 2016) – Moldova

[Prof. Phoebe Koundouri](#) (AUEB, ICRE8, LSE) gave a presentation on "[Estimating a Social Discount Rate for Moldova](#)" at the [World Bank Mission](#) Consultation on the Social Discount Rate for Public Investment Selection Process (February 17-19, 2016) in Chisinau, Moldova.



MARCH 2016

PRIMA Expert Group Meeting - European Commission, Brussels, March 8th 2016

[Prof. Phoebe Koundouri](#) (AUEB, LSE, ICRE8) participated during the PRIMA Expert Group - European Commission, Brussels, 8th March 2016.



The PRIMA Joint Programme (PARTNERSHIP FOR RESEARCH AND INNOVATION IN THE MEDITERRANEAN AREA) is an integrated research and innovation programme focused on the development and application of innovative solutions for food systems and water resources in the Mediterranean basin. The goal is to create sustainable and healthy Euro-Mediterranean societies.

Nine Member States of the European Union (EU) –Croatia, Cyprus, France, Greece, Italy, Malta, Portugal, Slovenia and Spain- and seven non-EU countries -Algeria, Egypt, Jordan, Lebanon, Morocco, Tunisia and Turkey- took part in PRIMA.

MAY 2016

“Impacts of extreme rainfall to transport networks” presentation at UNECE

ICRE8 senior researcher Prof. [Nicos Theodossiou](#) (Division of Hydraulics and Environmental Engineering of the Aristotle University of Thessaloniki) was invited by [UNECE \(United Nations Economic Commission for Europe\)](#) in Geneva, to provide a presentation on the "Impacts of extreme rainfall to transportation networks", to the group of experts on [“Climate Change impacts and adaptation for transport networks and nodes”](#).



JUNE 2016

SAB meeting with Heads of Units and Coordinators of EFI Project Centres

[Prof. Phoebe Koundouri](#) (AUEB, ICRE8, LSE) attended the [European Forest Institute \(EFI\)](#) Scientific Advisory Board (SAB), SAB-REPSCO-PC and REPSCO-PC Coordinators meetings in Copenhagen on June 1st, 2016. EFI is an international organization, conducting [research](#) and providing [policy support](#) on issues related to forests. Their goal is to facilitate and stimulate forest-related networking and promote the dissemination of unbiased and policy-relevant information on forests and forestry. EFI also advocates for forest research and for the use of scientifically sound information as a basis for forest policies.



7th International Conference of Political Economy (ICOPEC)



[Prof. Phoebe Koundouri](#) (AUEB, ICRE8, LSE) has accepted a new role, as a Scientific Committee and Organizing Committee member for the [7th International Conference of Political Economy \(ICOPEC\)](#), that will take place from June 28-30, 2016, in Istanbul, Turkey. She will also be the representative of this conference in Greece.

Prof. Phoebe Koundouri keynote lecture at the 4th Workshop On Non-Market Valuation (WONV)

[Prof. Phoebe Koundouri](#) (ICRE8, AUEB, LSE) made a keynote presentation on Measuring & Integrating Economic Values in Interdisciplinary Management of Natural Resources & other Public Goods: The Role of Information & Risk at the [Fourth WONV Workshop](#), in Bordeaux, France, that took place on the 20th and 21st June, 2016.



Meetings at Fondazione Eni Enrico Mattei in Venice

[Prof. Phoebe Koundouri](#) (AUEB, ICRE8, LSE) visited [Fondazione Eni Enrico Mattei \(FEEM\)](#) in June 2016. FEEM is one of the truly powerful institutions, shaping up the agenda for world environmental economics research and influencing relevant policy. At FEEM's premises in Venice she had several meetings with leading researchers from FEEM Venice and Milan, as well as FEEM's Scientific Director, [Prof. Carlo Carraro](#) (Ca' Foscari University of Venice).



Annual Conference of the European Association of Environmental and Resources Economists, 2016 @ ETH Zurich

[Prof. Phoebe Koundouri](#) (AUEB, ICRE8, LSE) and [Klea Morianou](#) from ICRE8 were at the EAERE Conference in Zurich.

Prof. Phoebe Koundouri chaired a very successful session on: The Social Discount Rate for Assessing Environmental Policy: "From Theory to Policy Implementation", with Prof Gollier, Prof Groom and Prof de Zeeuw as speakers.



The next annual [EAERE conference](#) will be organized by ICRE8-Research Center in Athens (28 June -1 July 2017) and will be Chaired by Sir Prof Partha Dasgupta and Prof Phoebe Koundouri.

SEPTEMBER 2016

Sustainable Development in a changing world

ICRE8 senior researcher and Assistant Manager SDSN Greece [Dr. Achilleas Vassilopoulos](#) chaired a session on “Sustainable Development in a changing world” in the International Workshop on “Analytical tools to evaluate the impact of public policies on Sustainable Development Goals”, held on September 27th, 2016, at Fondazione Eni Enrico Mattei Milan headquarter, Italy.



NOVEMBER 2016

ICRE8 - Athens Office of Resilience workshop

A workshop to investigate partnerships and future collaborations in events, projects and proposals between ICRE8 and the Athens Office of Resilience took place on 10 October 2016 at ATHENA RIC.

The event included presentations of all ICRE8 current research projects and proposals by [Prof. Phoebe Koundouri](#) (ICRE8, AUEB, LSE), a presentation of the “Resilient Athens” programme and “100 Resilience Cities” network by prof. Eleni Myrivili and Kostas Georgiou and discussion on future common activities, including the participation of “Resilient Athens” in the 23rd Annual Conference of the European Association of Environmental and Resource Economists, (Athens, 28 June – 1 July 2017) and the UN SDSN Greece Network (www.unsdsn.gr) and the network’s official launch.



ICRE8 Participates in HYDROMEDIT 2016

Dr. [Stella Tsani](#), Senior Researcher at [ICRE8](#) participated in the 2nd International Congress of Applied Ichthyology & Aquatic Environment, 10 - 12 November 2016, which took place in Messolonghi, Greece ([HYDROMEDIT 2016](#)).



Dr. Tsani presented her work in progress on the development of Virtual Research Environments (VRES) of Blue Economy tools. These tools aim at delivering economic growth and environmental planning capacity-building instruments to confront modern science and economic analysis challenges, as identified by both scientists, aqua-farming industry, and investors. [ICRE8](#) participates in the [BlueBRIDGE HORIZON 2020](#) project which responds to the Juncker Investment Plan opening funding opportunities for e-Infrastructures, innovating current practices in producing and delivering scientific knowledge advice to competent authorities.

ICRE8 participates in ICARUS H2020 project 1st Stakeholder Engagement Event

[Klea Morianou](#), general administrator at [ICRE8](#) and manager at [UN SDSN - Greece](#) participated in the 1st Stakeholder Engagement Event of the European funded H2020 project [ICARUS](#) - “Integrated Climate forcing and Air pollution Reduction in Urban Systems”. The event was organized by the [Environmental Engineering Laboratory \(EnvE-Lab\)](#) of the [Aristotle University of Thessaloniki \(A.U.Th.\)](#) (ICARUS H2020 project coordinator, in collaboration with the [Athens Development and Destination Management Agency \(A.D.D.M.A.\)](#) and the Resilient Office of the City of Athens at the Europe Direct premises on Thursday 3 November 2016.



The ICARUS project's main objective is to develop integrated tools and strategies for urban impact assessment in support of air quality and climate change governance in EU Member States leading to the design and implementation of appropriate abatement strategies to improve the air quality and reduce the carbon footprint in European cities.



B. PROJECTS

NEW PROJECTS

OpenAIRE-Connect — CONNECTing scientific results in support of Open Science

ICRE8 has been granted funding for the H2020 (EINFRA-2016-1) [OpenAIRE project - CONNECTing scientific results in support of Open Science](#). Using both OpenAIRE-Connect's services (the Dashboard explicitly, the Broker implicitly) as well as Zenodo (with its community and research artefacts functionalities) ICRE8 will build an Open Science directory of the SDSN-Greece research publications, data and related models (linked to funding), with potential uptake by [SDSN-Med](#). This would be a pilot for the global SDSN.

ICRE8 Researcher involved: [Prof. Phoebe Koundouri](#) and [Prof. Andreas Papandreou](#)

Funded by: European Commission, DG Research and Innovation, H2020

Project Coordinator: [Consiglio Nazionale delle Ricerche](#) (CNR), Italy

Budget: € 1,997,837.50



Consiglio Nazionale
delle Ricerche

BlueBRIDGE—Building Research environments fostering Innovation, Decision making, Governance and Education

[BlueBRIDGE](#) - Building Research environments fostering Innovation, Decision making, Governance and Education - provides data services to scientists, researchers and data managers, opening funding opportunities for e-Infrastructures, innovating current practices in producing and delivering scientific knowledge advice to competent authorities and stakeholders (international organisations, research centers, enterprises, etc.). ICRE8 will support research activities on socioeconomic modelling of related datasets approaching future feasible scenarios on investment and policy making

ICRE8 Researcher involved: [Prof. Phoebe Koundouri](#) and [Dr. Stella Tsani](#)

Funded by: European Commission, DG Research and Innovation, H2020

Project Coordinator: [Consiglio Nazionale delle Ricerche](#) (CNR), Italy

Budget: € 5,295,753.75



Consiglio Nazionale
delle Ricerche

UPDATES ON ONGOING ICRE8 PROJECTS

SIMRA — SOCIAL INNOVATION IN MARGINALISED RURAL AREAS

SIMRA Project Kick-Off Meeting

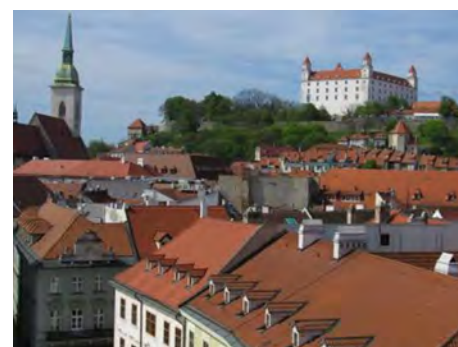
Scientists from across Europe and the wider Mediterranean area met at the James Hutton Institute, Aberdeen, to mark the start of a 4-year project addressing some of the most important social challenges faced by rural areas. The [Social Innovation in Marginalised Rural Areas \(SIMRA\) project](#), supported with €5.5m from the European Union's Horizon 2020 Programme, aims to understand and enhance social innovation.

The [SIMRA](#) Project Kick-Off Meeting took place from May 24th to May 26th 2016 at the James Hutton Institute in Craigiebuckler, Aberdeen, UK.



1st SITT (Social Innovation Think Tank consists of invited stakeholders working in SIMRA) SIMRA WORKSHOP

The Department of Strategic Environmental Analyses at The Institute of Forest Ecology of the Slovak Academy of Sciences (IFE SAS) in cooperation with The James Hutton Institute organized the [first SITT SIMRA Workshop](#) that took place in Bratislava, Slovakia, from 26 to 28 October 2016. The first SITT [SIMRA](#) workshop is considered to be an important starting point for the co-construction of knowledge with key stakeholders. The aim of the workshop was to develop and maintain systematic knowledge exchange and a learning process via stakeholders' consultations focusing on understanding and assessing social innovations problem framing.



SMIRES — SCIENCE AND MANAGEMENT OF INTERMITTENT RIVERS AND EPHEMERAL STREAMS

1st SITT (Social Innovation Think Tank consists of invited stakeholders working in SIMRA) SIMRA WORKSHOP

[Prof. Phoebe Koundouri](#) (AUEB, ICRE8, LSE) attended the [SMIRES Project](#) first Management Committee (MC) meeting in Brussels, on March 11th 2016. SMIRES aim is to bring together hydrologists, biogeochemists, ecologists, environmental economists, social researchers and stakeholders from 14 different countries to develop a research network for synthesising the fragmented and recent knowledge on IRES (intermittent rivers and ephemeral streams), improving our understanding of IRES ecology, and translating this into science-based, sustainable management of river networks.

A recap on the management structure of SMIRES which was approved by the MC members.



SMIRES Cross WG meeting held in Lyon

[Prof. Phoebe Koundouri](#) (AUEB, ICRE8, LSE) attended the SMIRES (Science and Management of Intermittent Rivers and Ephemeral Streams) Cross Working Group meeting. The meeting was held in IRSTEA, Lyon, France on the 12th September 2016. Professor Koundouri presented the outlined tasks for WG2 training schools and conferences and moderated the session on each represented country's contribution to WG2.

For more information on SMIRES please contact IRSTEA, the project coordinator: www.irstea.fr



BRIGAIID Project Kick-Off Meeting

The third BRIGAIID Executive Board meeting took place on September 7th 2016. On the 17 and 18 November 2016 ICRE8 researcher, [Petros Xepapadeas](#) participated in the project workshop in Leuven. There is also a frontrunner workshop on Wednesday 16 November.



DAFNE — DECISION-ANALYTIC FRAMEWORK TO EXPLORE THE WATER-ENERGY-FOOD NEXUS

DAFNE Kick-off Meeting in Zurich

The Horizon 2020 "[Decision-Analytic Framework to explore the water-energy-food NExus in complex and transboundary water resources systems of fast growing developing countries](#)" (DAFNE) project held its official kick-off meeting at ETH in Zurich from September 7th - 9th 2016. The project advocates an integrated and adaptive water resources planning and management approach that explicitly addresses the water-energy-food (WEF) nexus from a novel participatory and multidisciplinary perspective.

For more information on the kick-off meeting click [here](#).



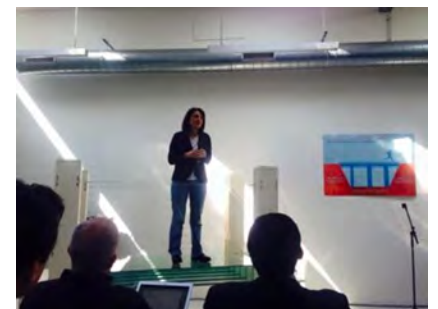
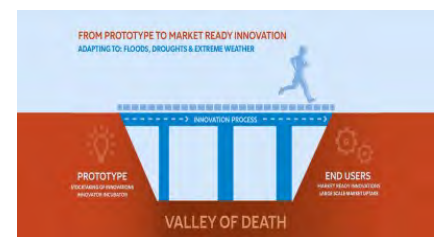
BRIGAD — BRIDGES THE GAP FOR INNOVATIONS IN DISASTER RESILIENCE

BRIGAD Project Kick-Off Meeting

ICRE8 Scientific Director, [Prof. Phoebe Koundouri](#) (AUEB, ICRE8, LSE), and ICRE8 researcher, [Petros Xepapadeas](#), participated in the kick-off meeting of [BRIGAD Horizon 2020 Innovation Action](#), which took place in Delft, on 12-13 May 2016.

The Delft Technical University coordinates the [BRIGAD](#) project.

BRIGAD “BRIdges the GAp for innovations in Disaster resilience” H2020 Project aims to provide structural, ongoing support for innovations in climate adaptation by developing an innovative mix of methods and tools, that should become a standard for climate adaptation innovations.



BRIGAIID meeting at Leuven

[Petros Xepapadeas](#) attended the [BRIGAIID Project](#) meeting, held at Leuven on the 17-18 November 2016, representing [ICRE8](#). The meeting was held at the Campusbibliotheek Arenberg (Arenberg Library) of KU Leuven.

For more information on the meeting click [here](#).



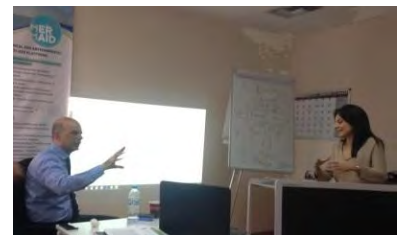
ICRE8 SEMINAR SERIES

Deep Uncertainty and Climate Change Economics

[Professor Nikitas Pittis](#) is holding a weekly ICRE8 seminar series on “[Deep Uncertainty and Climate Change Economics](#)”, every Thursday at [ATHENA RIC](#), Maroussi.

Uncertainty is present everywhere. If this assertion is true for science in general, it is especially true for the economic and policy science related to climate change. These uncertainties arise from both the underlying science of climate (and the extreme complexity of the climate system), and our inability to perfectly capture the way our socio-economic system would respond, mitigate and adapt to climate change. This seminar series addresses these questions by surveying the recent decision theoretic literature, while remaining in the context of climate change economics.

Read more on the seminar [here](#).



ICRE8 Research Seminar Series

Weekly presentations regarding progress on every [running ICRE8 research project](#) by the relevant research team.

The seminar offers a platform to present and exchange ideas and get input from fellow researchers.



C. NEW COLLABORATING RESEARCHERS

We are happy to welcome five new members to the ICRES core research group.

[Dr Stella Tsani](#) recently joined the ICRES core research group. She is currently working as a senior researcher in the [BlueBRIDGE \(H2020\) Project](#).



[Dr. Achilleas Vassilopoulos](#) joined the ICRES core research group in June 2016 as a senior researcher in the [SIMRA H2020 project](#), a project manager in the [BRIGAD H2020 project](#) and assistant manager of the Greek chapter of the United Nations Sustainable Development Solutions Network ([SDSN Greece](#)).



[Dr. Ebum Akinsete](#) is currently the project manager in the [GLOBAQUA \(FP7\)](#) project and the [DAFNE \(H2020\)](#) project.



[Dr. Nikolaos Englezos](#) and [Dr. Xanthi-Isidora Kartala](#) are currently working for the EU project: “A Decision-Analytic Framework to explore the water-energy-food NEXUS in complex and transboundary water resources systems of fast growing developing countries (acronym: DAFNE)”.



We also welcome our new SDSN Greece Youth Coordinator [Ms. Christina Christoforou Livani](#), [Mr. Stylianos P. Zlatanov](#), and [Mr. Josef Adler](#). Stylianos and Josef are working on the GLOBAQUA and DAFNE project, respectively.



All SDSN Greece Youth interns can be found [here](#).

2. RESEES NEWS

A. GENERAL INFORMATION

The [Research Team on Socio-Economic and Environmental Sustainability \(ReSEES\)](#) is an official research laboratory affiliated with the Athens University of Business and Economics (AUEB) and does policy relevant interdisciplinary research on environmental, natural resources and energy issues. The overarching goal of ReSEES theoretical and empirical research is to support the understanding and implementation of Sustainable Development, as the only non-self-destructive path of socio-economic development.

Central to ReSEES Foundation mission will be the pursuit of excellence in the conduct and presentation of research and a commitment to explore relevant environmental, natural resources and energy, issues for a variety of circumstances and stakeholders and across different temporal and spatial scales.

For more information on ReSEES click [here](#).

B. UPDATES ON ONGOING RESEES PROJECTS

GLOBAQUA — MANAGING THE EFFECTS OF MULTIPLE STRESSORS ON AQUATIC ECOSYSTEMS UNDER WATER SCARCITY

GIOBAQUA Steering Committee Meeting held in Barcelona

The GLOBAQUA (Managing the effects of multiple stressors on aquatic ecosystems with water scarcity) Steering Committee, along with the Work Package Leaders met at IDAEA-CSIC, Barcelona on the 20th and 21st of September 2016. Representing ICRES/ATHENA were [Prof Phoebe Koundouri](#), [Mr Yannis Souliotis](#) and [Dr Eburn Akinsete](#) who joined in via teleconference. Prof Koundouri made a presentation on the Implications Module of the project (Work Packages 8, 9 and 10), discussing work completed and next steps.

Also discussed at the meeting was the imminent collaboration between the GLOBAQUA project and the MARS (Managing Aquatic Ecosystems and water Resources under multiple Stress), to be cemented by a joint



GENESIS — GROUNDWATER AND DEPENDENT ECOSYSTEMS

National Contribution: GENESIS Project

After completing the GENESIS project ICRE8 received the national contribution from the [General Secretariat of Research and Technology \(GSRT\)](#) to further disseminate the insights won during the project.



Budget: € 11,979.11

GENESIS — GROUNDWATER AND DEPENDENT ECOSYSTEMS

National Contribution: MERMAID Project

After completing the MERMAID project ICRE8 received the national contribution from the [General Secretariat of Research and Technology \(GSRT\)](#) to further disseminate the insights won during the project.



Budget: € 32,899.46

3. SDSN GREECE

A. GENERAL INFORMATION



The [United Nations \(UN\) Sustainable Development Solutions Network \(SDSN\)](#) set up by UN Secretary-General Ban Ki-moon in 2012, promotes practical problem solving for sustainable development, including the design and implementation of the 17 Sustainable Development Goals (SDGs), adopted in 2015 by the United Nations. The world-renowned professor of economics Jeffrey D. Sachs, leader in sustainable development, senior UN advisor and bestselling author is currently the Director of SDSN. Following the adoption of the SDGs, SDSN is now committed to supporting the implementation of the SDGs at local, national, and global scales. The SDSN aims to accelerate joint learning and help to overcome the compartmentalization of technical and policy work by promoting integrated approaches to advance solutions in sustainable development and to realize the SDG goals. Based in New York and Paris, the SDSN works closely with UN agencies, multilateral financing institutions, the private sector and civil society. Through a growing number of National and Regional Networks, SDSN supports the localization and implementation of SDGs, develops long-term transformative pathways for sustainable development, promotes education around Agenda 2030, and launches solution initiatives.

The Greek SDSN has been included in the SDSN network and is co-hosted by [ICRE8: International Center for Research on the Environment and the Economy](#) and the [Political Economy of Sustainable Development Lab](#). It is co-chaired by [Prof. Phoebe Koundouri](#) and [Prof. Andreas Papandreou](#), aiming to contribute to achieving the goals of the SDSN network.

SDSN Greece has set three thematic priorities : a) [Natural Capital Valuation: Sustainable Investment Allocation](#), b) [Climate Change: Mitigation and Adaptation Policies](#), c) [Sustainable Development in Times of Crisis](#). Visit www.unsdsn.gr to learn more about these priorities, their connection to specific SDGs and the relevant projects of SDSN Greece hosting institutions whose research results and operation framework facilitate the implementation of SDGs.

Currently SDSN Greece is setting up its [leadership council](#) which consists of politicians, entrepreneurs, academics and representatives of the civil society and is inviting Greek universities and research centers to join the network.

To read more on SDSN Greece visit its [new website!](#)

B. EVENTS

FORTHCOMING EVENTS

UN SDSN Greece Pre-launch event

The UN SDSN Greece pre-launch event will be held on July 1, 2017, at 17.00, at the Megaron Athens Concert Hall, during the 23rd Annual Conference of the European Association of Environmental and Resource Economists* ([EAERE](#)), organised by ICRE8, in collaboration with Athens University of Economics and Business, the National and Kapodistrian University of Athens, and ATHENA Research and Innovation Center.



The pre-launch event aims to bring together the Greek SDSN Leadership Council with representatives of NGOs, government agencies, private firms, universities, and international organizations.

3rd UN SDSN Mediterranean Conference and official launch of SDSN Greece



UN SDSN Greece will be hosting the 3rd Mediterranean Conference in Autumn 2017. The Mediterranean Sustainable Development Solutions Network (MED Solutions) was launched on July 3-5 2013 in Italy with the 1st International Conference of SDSN Mediterranean, hosted by the University of Siena while the 2nd international UN SDSN Mediterranean Conference was held again in Siena on March 5-6, 2015. The 3rd International Conference of SDSN Mediterranean, to be held in Greece in Spring 2017, will be a new opportunity to the networks of the Mediterranean region to coordinate and work together on topics of common interest. The conference will provide a platform for debate and exchange of ideas across stakeholders in the Mediterranean region, including network partners, policymakers and scholars. The first day will include a discussion among all participants on the analysis of the situation in the Mediterranean region, the reviving of MCCI and reestablishing links with the Union of the Mediterranean. On the second day, where the official launching of the SDSN Greece will be held, chairs and invited speakers will present their ideas and engage in a lively discussion on the three thematic priorities of the SDSN Greece and the relevant issues that will arise during the first day.

PAST EVENTS

FEBRUARY 2016

Presentation of UN SDSN Greece in the UN SDSN Mediterranean General Assembly

[Professor Andreas Papandreou](#) (UoA, ICRE8) represented UN SDSN Greece in the [UN SDSN Mediterranean](#) General Assembly, which was held in Rome, at CRUI, Piazza Rondanini, on February 16. He made a presentation of SDSN Greece and submitted to the assembly the progress that has been made on the organization of the 2016 SDSN MED Conference, to be held in Greece.



Professor Andreas Papandreou is the Co-Chair of UN SDSN Greece, together with [Professor Phoebe Koundouri](#) (AUEB, ICRE8, LSE).

SEPTEMBER 2016

ICRE8 Presentation of UN SDSN Academia-Industry Links at the ACEin

The “Entrepreneurship in Higher Education and Research Commercialization”, was organized by AUEB in collaboration with the Embassy of Israel the EC and OECD on Entrepreneurship in Higher Education and Research Commercialization at the Athens Center for Entrepreneurship & Innovation - ACEin on Tuesday 20 September 2016. ICRE8 participated in the event session on Academia-Industry Links with a presentation by [Prof. Phoebe Koundouri](#) (AUEB, ICRE8, LSE), [Dr. Achilleas Vassilopoulos](#) (ICRE8) and Klea Morianou (ICRE8) on the “Exploitation through the United Nations Sustainable Development Solutions Network” and the [OpenAIRE CONNECT project \(CONNECTing scientific results in support of Open Science\)](#).



OCTOBER 2016

The SDSN Greece-Youth first official meeting took place on October 4, 2016 at ICRE8, one of the co-hosting institutions of SDSN, in Maroussi, with great success. Many university students and some NGO volunteers attended the event and committed to help empower the youth network of SDSN Greece to create sustainable solutions.



Sustainable Consumption and Production Presentation

ICRE8 senior researcher and Assistant Manager SDSN Greece [Dr. Achilleas Vassilopoulos](#) participated in the workshop “The implementation of sustainable development goals in Local Governancet” organized by the Development Company OTA, ANATOLIKI SA in cooperation with the Municipality of Thessaloniki, on October 17, 2016 with a presentation on Sustainable Consumption and Production .



Watch the video of the meeting: www.auth.gr/video/21557

NOVEMBER 2016

UN SDSN-Greece participates in ICARUS H2020 project 1st Stakeholder Engagement Event

[Klea Morianou](#), manager at [UN SDSN - Greece](#) and general administrator at [ICRE8](#) participated in the 1st the Stakeholder Engagement Event of the European funded H2020 project [ICARUS](#) – “Integrated Climate forcing and Air pollution Reduction in Urban Systems”. The event was organized by the [Environmental Engineering Laboratory \(EnvE-Lab\)](#) of the [Aristotle University of Thessaloniki \(A.U.Th.\)](#) (ICARUS H2020 project coordinator, in collaboration with the [Athens Development and Destination Management Agency \(A.D.D.M.A.\)](#) and the Resilient Office of the City of Athens at the Europe Direct premises on Thursday 3 November 2016.



4. RECENT AND FORTHCOMING PUBLICATIONS

PEER-REVIEWED PAPERS

- Dávila, O. G., Koundouri, P., Pantelidis, T., and Papandreou, A. (2016). Do Agents' Characteristics Affect their Valuation of 'Common Pool' Resources? A Full-Preference Ranking Analysis for the Value of Sustainable River Basin Management. *Science of the Total Environment*.
- Koundouri, P., (2016). Special Issue Phoebe Koundouri ed. 'Sustainable Management of Marine Resources under Uncertainty: Economic, Environmental and Social Aspects'. *Sustainability*.
- Koundouri, P., Kourogenis, N. and Pittis, N. (2016). Statistical modeling of stock returns: Explanatory or descriptive? A historical survey with some methodological reflections. *Journal of Economic Surveys*.
- Koundouri, P., Kourogenis, N., and Pittis, N. (2016). Factor models of stock returns: GARCH Errors versus Time - Varying Betas. *Journal of Forecasting*.
- Vassilopoulos, A. and Klonaris, S. (2016). Determinants of transition in artificially discrete Markov chains using microdata. *Economics Letters*.
- Koundouri, P. Valuation of Marine Ecosystems. *Oxford Research Encyclopedia of Environmental Science*. **Forthcoming**.
- Pistocchi, A., Udias, A., Grizzetti, B. and Gelati, E., Koundouri, P., Ludwig, R., Papandreou, A., and Souliotis, I. An integrated assessment framework for the analysis of multiple pressures in aquatic ecosystems and the appraisal of management options. *Science of the Total Environment* . **Forthcoming**.
- Torres-Ortega, S., Diaz-Simal, P., Giannouli, A., Remoundou, K., Izaguirre, C., and Koundouri, P. Assessing costs and damages reduction of climate change adaptation measures in coastal areas: application to the case study of Santander Bay. *Journal of Coastal Research*. **Forthcoming**.
- Koundouri, P., Davila, Osiel G., Pantelidis, T., and Papandreou, A. The Value of River Ecosystems: Method and Application. Special Issue: Towards a Multiple and Emerging Stressors Footprint on European Rivers. *Science of the Total Environment*. **Forthcoming**.
- Koundouri, P. and Souliotis, I. The Economic Value of Restoration based on the Ecosystem Services Approach. *Science of the Total Environment*. **Forthcoming**.
- Koundouri, P., Pittis, Ni., Englezos, N., Papandreou, A., and Samartzis, P. Climate Change Policy under Uncertainty and Ambiguity: Theory with Policy Relevant Policy Implications. *Review of Environmental Economics and Policy (REEP)*. **Forthcoming**.
- Koundouri, P. Research Advances on Ground Water Economics. *International Review of Environmental and Resource Economics*. **Forthcoming**.

CHAPTERS OR ARTICLES IN BOOKS

- Stuiver , M., et al. (2016). The governance of Multi-Use Platforms at Sea for energy production and aquaculture; obstacles and challenges for policy makers. *Special Issue Phoebe Koundouri ed. ‘Sustainable Management of Marine Resources under Uncertainty: Economic, Environmental and Social Aspects’*. Sustainability.
- Koundouri, P., Souliotis, I., and Giannouli, A. (2016). An Integrated Approach for Sustainable Environmental and Socio-Economic Development Using Offshore Infrastructure. **In Handbook of Research on Green Economic Development Initiatives and Strategies**. Eds. Erdoğan, Mustafa and Arun, Thankom and Ahmad, Imran Habib. IGI Global.
- Koundouri, P., et al. Socio-Economic Framework for Integrating Offshore Multi-Use Platforms in Sustainable Blue Growth Management: Theory and Applications. **In Handbook on Good Governance for Sustainable Oceans**. Edward Elgar Publishing. Forthcoming.
- Koundouri, P., Skianis, V., and Reppas, D. Socio-Economics and Water Management: Revisiting the Contribution of Economics in the Implementation of the Water Framework Directive in Greece and Cyprus. *Springer*. Forthcoming.
- Koundouri, P. Introduction. **In Koundouri, P. (editor) The Economics of Marine Energy Production: A framework of analysis and its application in European Oceans**. Springer, Forthcoming.
- Koundouri, P. et al. Conclusions and Policy recommendations. **In Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume I**. Springer. Forthcoming
- Xepapadeas , T. et al. Risk Analysis on all 4 case studies. **In Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume I**. Springer. Forthcoming.
- Zagonari, F. et al. Socio-economic Analysis on selected Sheltered Deep Water site (Mediterranean). **In Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume I**. Springer. Forthcoming.
- Diaz-Simal, P. et al. Socio-economic Analysis on selected Open Deep Water Site (Atlantic Coast). **In Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume I**. Springer. Forthcoming.

- Rosen, L. et al. Socio-economic Analysis on selected Active Morphology Site (North Sea and Wadden Sea). In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume I.** , *Springer. Forthcoming.*
- Møhlenberg, F. et al. Socio-economic Analysis on selected Estuarine Site (Baltic Sea). Socio-economic Analysis on selected Estuarine Site (Baltic Sea). In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume I.** *Springer. Forthcoming.*
- Koundouri, P. et al. Development of Methodology for Integrated Socio-Economic Assessment. In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume I.** *Springer. Forthcoming.*
- Koundouri, P. et al. Introduction. In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume I.** *Springer. Forthcoming.*
- Koundouri, P. "Economic instruments, behaviour and incentives in groundwater management. In: Karen Villholth, Jac van der Gun, Elena Lopez-Gunn, Kirstin Conti, Alberto Garrido (eds): Advances in Groundwater Governance". Eds. Villholth, Karen and Gun, Jac van der and Lopez-Gunn, Elena and Conti, Kirstin and Garrido, Alberto *Balkema Publishers, Forthcoming.*
- Koundouri, P. Economic instruments, behaviour and incentives in groundwater management. In: **Karen Villholth, Jac van der Gun, Elena Lopez-Gunn, Kirstin Conti, Alberto Garrido (eds): Advances in Groundwater Governance.** *Balkema Publishers. Forthcoming.*
- Koundouri, P. et al. Conclusions and policy recommendations. In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume II.** *Springer. Forthcoming.*
- Papandreou, A. et al Climate Change and Political Economy. In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume II.** *Springer. Forthcoming.*
- Koundouri, P., Mailli, E., and Dávila, O. G. The assessment tool. In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume II.** *Springer. Forthcoming.*
- Torres-Ortega, S. et al. Evaluation and comparison of European marine multi-purpose platforms projects. In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume II.** *Springer. Forthcoming.*

- Stuiver, M. et al. Stakeholder Methodologies. In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume II. Springer. Forthcoming.**
- Koundouri, P., Mailli, E., and Dávila, O. G Framework for socio-economic data collection. In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume II. Springer. Forthcoming.**
- Koundouri, P. et P. Socio-economic methodology. In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume II. Springer. Forthcoming.**
- Koundouri, P. et al. Introduction. In **Koundouri, P. (editor) The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume II. Springer. Forthcoming.**
- Koundouri, P., Boulton, A., Datry, T., and Souliotis, I. Ecosystem services, values and societal perceptions of intermittent rivers and ephemeral streams'. In **Thibault Datry, Nuria Bonada and Andrew Boulton (eds) Intermittent Rivers: Ecology and Management". Elsevier. Forthcoming.**
- Koundouri, P. Socio-economical and policy implications of multi-stressed rivers, In **Elosegi, A., Ludwig, R., Sabater, S (eds), Multiple stress in river ecosystems. Status, impacts and prospects for the future. Elsevier. Forthcoming.**

BOOKS AND HANDBOOKS

- Koundouri, P., (2016). Participatory design of Multi-Use Platforms at Sea. Special Issue Phoebe Koundouri ed. 'Sustainable Management of Marine Resources under Uncertainty: Economic, Environmental and Social Aspects'. **Sustainability.**
- Koundouri, P. (Editor). The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume I. **Springer Publishing. Forthcoming.**
- Koundouri, P. (Editor). The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments – Volume II. **Springer Publishing. Forthcoming.**
- Markandya, A. and Koundouri, P. (Editors). Fisheries Policy and Management. **World Scientific Publishing. Forthcoming.**
- Koundouri, P. (Editor). The Handbook of Water Resources Management: The Ecosystems-Based Approach. **Cambridge University Press. Forthcoming,**

Open Special Issues Edited by Prof. Phoebe Koundouri et al.

‘Sustainability’ Special Issue on Sustainable River Basin Management

We are pleased to announce that Prof [Phoebe Koundouri](#) (ICRE8, AUEB, LSE) and Dr [Ebun Akinsete](#) will be guest editing a Special Issue on 'Sustainable River Basin Management' for the mdpi journal '*Sustainability*'. *Sustainability* (impact factor 1.343) is an open access, international, multidisciplinary, journal which focuses on environmental, cultural, economic, and social sustainability of human beings. The special issue will explore multidisciplinary methodological and empirical advancements within the field of sustainable river basin management, focusing on aspects such as ecosystems services in the context of environmental, economic and social sustainability.



Submissions are now being accepted and interested authors can submit manuscripts online at www.mdpi.com. The deadline for manuscript submission is 1 October 2017.

You can find more information on Sustainability [here](#).

For more information on the special issue, visit the [website](#).

‘Journal Frontiers in Marine Science’ Special Issue on Sustaining our Seas, Sustaining our Lives: Ecological, Techno-Financial and Socio-Economic Processes

We are pleased to announce that Prof [Phoebe Koundouri](#) (ICRE8, AUEB, LSE), [Prof. Andreas Papandreou](#) and [Dr. Marian Stuijver](#) will editing a Special Issue on Sustaining our Seas, Sustaining our Lives: Ecological, Techno-Financial and Socio-Economic Processes' for the *Journal Frontiers in Marine Science*.

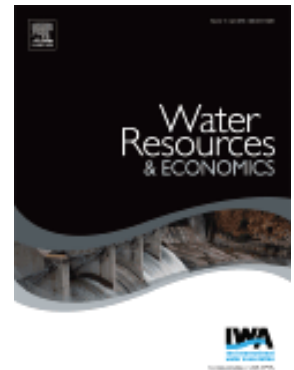


The purpose of this Research Topic is to provide a platform for scientific publication of theoretical and empirical analyses on the topic of sustainable use of oceans and seas, while protecting marine resources and marine ecosystems. Submission deadline is February 28, 2017.

For more information on the special issue click [here](#).

‘Water Resources and Economics’ Special Issue

A special issue of Water Resources and Economics (WRE) will be devoted to selected papers presented at the 2016 4th Workshop on Non-Market Valuation in Bordeaux in June 2016 (see <http://www.wonv.fr/>) as well as solicited papers from other authors. Based on your declared interest, we would like to invite you to submit your paper for this special issue, guest-edited by [Prof. Phoebe Koundouri](#) and [Dr. Bénédicte Rulleau](#).



Submission details:

- Deadline for submission: December 15, 2016;
- To submit papers online click [here](#).

Researchers are kindly invited to follow the links and submit papers!

The ICRE8 newsletter is published twice a year in June and December. Issues are sent to ICRE8 members electronically and are also posted on the ICRE8 [Website](#). If you have any contributions you would like to add to the next newsletter, send them to our editor (josef.adler@icre8.eu) by June 1st, December 1st, respectively.

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