



June, 2015

ICRE8 NEWSLETTER

From the Editor



Dear ICRE8 friends,

Welcome to the very first newsletter of our research center!

After a year of its establishment I am pleased to present you our numerous research activities, our projects, the team publications, our meetings and events.

I want to thank our researchers and colleagues that helped in the production of this newsletter which I hope you will enjoy and appreciate. Please send us your comments and reactions. Lets start a profitable dialogue and exchange ideas!

Looking forward to your subscription to our next newsletter in 6 months from now!

Amerissa Giannouli—PhD Student@Athens University of Economics and Business/ ICRE8 researcher

The International Centre for Research on the Environment & the Economy founded by Prof. Phoebe Koundouri

The International Centre for Research on the Environment and the Economy (ICRE8) established in 2014. ICRE8 is a non-for-profit Research Centre dedicated to interdisciplinary research on the Environment, Energy, Economy, Eco-innovations, and their electronic versions (hence E8), located in Athens. 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.

ICRE8 is the outcome of the evolution of the Research Team on Socio-Economic and Environmental Sustainability, from an umbrella organization (without a legal entity) into a more efficient and productive instrument of research, combining state-of-the art academic knowledge with modern organizational principles and structures.

The Founder and Scientific Director of ICRE8, Phoebe Koundouri is Professor in Economic Theory and Econometrics, at the Athens University of Economics and Business, School of Economics, and the London School of Economics, Grantham Institute. She is also Vice President of the European Association of Environmental and Resource Economists.

Central to her research is the concept of 'total economic value of public goods' and in particular the value humans derive from natural resources/environment/ecosystem. Her main research goal is to refining the theoretical models and empirical methods used in the field of natural resource, ecological & agricultural economics, towards: (a) better understanding of the concept and determinants of the total economic value of ecosystem goods and services, (b) more accurate modelling of this value, (c) more robust estimation of this value, (d) more efficient integration of this value in interdisciplinary resource management (and policy-making).



The Centre's research expertise includes financial analysis, socio-economic and econometric analysis, environmental valuation, political and institutional analysis, integrated environmental-economic modeling, cost-benefits analysis, multi-criteria analysis, life cycle analysis, risk analysis, geographical information systems, multi-stakeholder mediation techniques, game theory, information technologies and decision making tools development.

ICRE8 is strategically managed by a Board of internationally renowned academics and experienced executives, from all over the world, has a core team of 15 Athens-based researchers, and is supported by an interdisciplinary network of more than 60 established researchers from Europe, the US, Asia and Australia. ICRE8's network is also supported by explicit collaborations with a number of world leading institutions in the field of Environmental, Natural Resources and Energy Economics.

ICRE8 & CSERGE SISTER INSTITUTIONS

ICRE8 and CSERGE agreed to engage in an explicit institutional collaboration.

The Centre for Social and Economic Research on the Global Environment CSERGE is a leading interdisciplinary research centre in the field of sustainable development and decision making, based at the University of East Anglia. CSERGE is currently ranked #1 in Europe and #3 globally in independent citation rankings for environmental and resource economics.



OTHER COLLABORATING INSTITUTIONS



- [ATHENA](#) Research and Innovation Center, GREECE



- [Aristotle University of Thessaloniki](#) School of Technology, Department of Civil Engineering, Division of Hydraulics and Environmental Engineering, GREECE



- [Center of Economic and Development Studies](#), Department of Economics, Padjadjaran University, INDONESIA



- [Environmental Hydraulics Institute "IH Cantabria"](#), Offshore Engineering and Ocean Energy Group, SPAIN



- [Ludwig-Maximilians University \(LMU\)](#), Faculty of Geosciences, Department of Geography, GERMANY



- [Statera](#), Research & Practice Centre for Sustainability and Regional Development, ESTONIA

[The Think Tank Map](#)

ICRE8 included in [The Think Tank Map](#). The Think Tank Map, is an instrument, which aims to provide a complete overview of every active think tank in the field of climate change economics and policy. The Think Tank Map is developed by the International Center for Climate Governance (ICCG).



STRATEGIC PLANNING BOARD

The Strategic Planning Board (**SPB**) of **ICRE8** is the strategic decision maker of the Centre. Seats on the **SPB** are given to institutions and foundations, private partners and world recognized thinkers on environmental issues.

DR. OLIVER ADLER



Head of Economic Research at Credit Suisse AG, is in charge of a unit responsible for analyzing and forecasting trends in the global economy.

PROF. IAN BATEMAN



Director CSERGE, UK, Editor of the Official Journal of European Association of Environmental and Resource Economists.

PROF. GRACIELA CHICHILNISKY



Author of the carbon market of the UN Kyoto Protocol that became international law in 2005. theory of Sustainable Development that is used worldwide.

PROF. SIR PARTHA DASGUPTA



Fellow of St John's College, Cambridge; and Professorial Research Fellow at the University of Manchester.

PROF. CHRISTIAN GOLLIER



Director of the Toulouse School of Economics (TSE), one of the best European department of economics.

PROF. KRISTIS HASSAPIS



He has served, among others, as a member of the Council of the University of Cyprus,

PROF. PHOEBE KOUNDOURI



Professor at Athens University of Economics and Business, School of Economics. Scientific Director of ICRE8: International Center for Research on the Environment and the Economy.

PROF. ANIL MARKANDYA



Director BC3, Spain, President of the European Association of the Environmental and Resources Economists (Lead author IPCC 4th Assessment Report, Nobel Peace Prize).

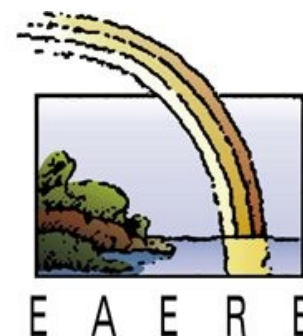
DR. ANGELOS TSICHRINTZIS



Attorney-at-law; member of the Athens Bar (1989) and the New York Bar (U.S.A.) (1988).

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

Founded in 1990, the European Association of Environmental and Resource Economists ([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.



EAERE is an international scientific association whose aims are:

- to contribute to the development and application of environmental and resource economics as a science in Europe;
- to encourage and improve communication between teachers, researchers and students in environmental and resource economics in different European countries;
- to develop and encourage the cooperation between university level teaching institutions and research institutions in Europe.

Through the Association's Journal, *Environmental and Resource Economics (ERE)*, the Annual Conference, the annual Summer Schools, the biannual Newsletter, and affiliation with our sister associations in North America (*AERE*) and Latin America (*ALEAR*), EAERE provides many forums for exchanging ideas relevant to the allocation and management of natural and environmental resources.

Sir Prof. Partha Dasgupta, will be co-charing with ICRE8 Scientific Director, Prof. Phoebe Koundouri!!!

Professor Emeritus of Economics at the University of Cambridge, United Kingdom; Fellow of St John's College, Cambridge; and Professorial Research Fellow at the University of Manchester. His research interests have covered welfare and development economics; the economics of technological change; population, environmental, and resource economics; social capital; the theory of games; the economics of global warming, and the economics of malnutrition. Dasgupta has been honoured by numerous elections and he was named Knight Bachelor by Her Majesty Queen Elizabeth II in 2002 in her Birthday Honours List for services to economics.

Sir Partha Dasgupta was born in 1942 and has won a long list of awards but not the Lifetime Achievement award of the EAERE.

He has provided fundamental and crucial contributions across a wide remit of economic theory and methodology. His seminal work in the fields of environmental and resource economics is particularly eminent and readily deserves the accolade afforded by this award.



Partha has been a consistent supporter of the European Association of Environmental and Resource Economists, being Association President for 2010-11. He also has played a crucial role in the success of the Association's journal, Environmental and Resource Economics both by contributing some of its highest citing articles and through a variety of backstage roles which has greatly contributed to the growth and continuing success of the journal.

EAERE 2017 Key Note Speaker:

Prof. Graciela Chichilnisky



[Graciela Chichilnisky](#) is Professor of Economics and Statistics at the Economics Department and Director Columbia Consortium for Risk Management (CCRM). Chichilnisky is the author of the carbon market of the UN Kyoto Protocol that became international law in 2005. She also created the concept of Basic Needs voted by 153 nations at the 1993 UN Earth Summit to be the cornerstone of Sustainable Development, and in 1996 created the formal theory of Sustainable Development that is used worldwide. She is a world renowned economist and mathematician that the Washington Post calls an A-List Star and appeared in the 2009 Time Magazine on Heroes of the Environment. She acted as a US Lead Author of the Intergovernmental Panel on Climate Change, which received the 2007 Nobel Prize. A special adviser to several UN organizations, heads of state and US Congress, her pioneering work uses innovative market mechanisms to reduce carbon emissions, conserve biodiversity and ecosystem services.



EAERE 2017 David Pearce Lecture Key Note Speaker:

Prof. Karine Nyborg,

[Karine Nyborg](#) is Professor of Economics at the University of Oslo and Scientific Advisor at the Ragnar Frisch Centre of Economic Research. She is Past President of the European Association of Environmental and Resource Economics (President 2012 – 2013) and Editorial Board member of the Review of Behavioral Economics. In 2002 she won the Erik Kempe Award 2002 (biannual prize for best European paper in environmental and resource economics). She has been a member of several Government-appointed expert commissions. Her research interests include environmental economics, behavioral economics, economic analysis of social and moral norms.

EAERE 2017 Policy Key Note Speaker:

Maria Damanaki,

Global Managing Director for Oceans at [The Nature Conservancy](#)

Damanaki leads a global team focused on how the world manages its oceans, including sustainable fisheries management, large-scale protection and restoration of coral reefs and other ecosystems, coastal resilience, and mapping and quantification of the full value of the world's oceans to people.

She most recently served for four years as [European Union Commissioner for Maritime Affairs and Fisheries](#).

She introduced and implemented the Blue Growth agenda for Seas and Oceans in Europe, which aimed to create 1.6 million new jobs and the equivalent of US \$750 billion in revenue by 2020 in sectors such as coastal tourism, ocean energy, and marine biotechnology. In addition, she established legislation to create a common framework for Marine Spatial Planning to map and better manage maritime activities across EU countries.



PROJECTS

GLOBAQUA (EU-FP7, 9,990,594.80 euros): <http://www.globaqua-project.eu/>

GLOBAQUA (Managing the effects of multiple stressors on aquatic ecosystems under water scarcity) has assembled a multidisciplinary consortium in order to study the interaction of multiple stressors within the frame of strong pressure on water resources. GLOBAQUA assesses the effects of water scarcity on aquatic ecosystems by focusing on six river basins (Ebro, Adige, Sava, Evrotas, Anglian and Souss Massa). These basins encompass a rich set of socio-ecological conditions and a wide geographic coverage, and focus on a specific set of stressors to illustrate different management scenarios. GLOBAQUA aims to achieve a better understanding on how current water management practices and policies could be improved by identifying their main drawbacks and alternatives. ICRE8 responsibilities include the analysis of the socio-economic implications of the effects of impacts on water quality and availability, as well as on biodiversity and ecosystem functioning, by translating the information gathered into ecosystem services, and investigating the effects on the socio-economic development .

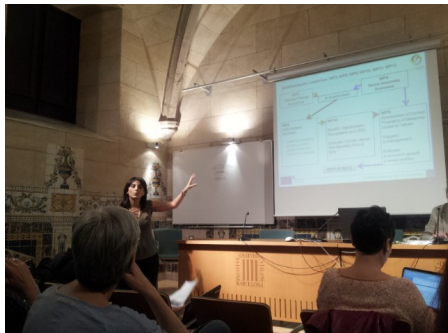


- **October 2014:** GLOBAQUA and MARS meeting at Instituto Superior Técnico, Lisbon
ICRE8 Representative: Ioannis Souliotis
- **November 2014:** GLOBAQUA and International Sava River Basin Commission meeting at Zagreb
ICRE8 Representative: Ioannis Souliotis
- **November 2014:** GLOBAQUA Project featured in [PROTOTHEMA](#) newspaper
- **February 2015:** 1st Evrotas Case Study Meeting at the “Museum of the Olive and Greek Olive Oil” in Sparta. ([Presentation](#))
ICRE8 Participants: Ioannis Souliotis, Vasilis Pergamalis, Amerissa Giannouli, Dimitris Reppas
- **March 2015:** Globaqua Meeting “ Climate Change and Socio-Economic Scenarios Building” at ICRE8 Premises, Athens, Greece.
The whole ICRE8 core team was present



- **May 2015:** GLOBAQUA 3rd Steering Committee Meeting and GLOBAQUA technical workshop @ Barcelona, Spain

ICRE8 Participants: Phoebe Koundouri, Ioannis Souliotis



- [\[Project Newsletter\]](#) [\[Project Video\]](#)

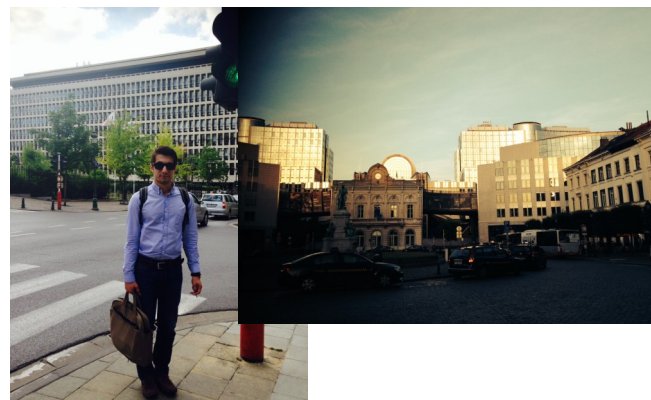
- **June 2015:** GLOBAQUA stakeholders meeting in Sparta, Greece [Press Release](#)

ICRE8 Representative: Mariefi Kamizouli



- **June 2015:** 2nd GLOBAQUA Annual Progress Meeting in Brussels [\[Agenda\]](#)

ICRE8 Participants: Phoebe Koundouri, Ioannis Souliotis



MERMAID (EU-FP7, 7,400,000 euros) : <http://www.mermaidproject.eu/>

The MERMAID (Innovative multi-purpose offshore platforms: planning, design and operation) project, consisting of a consortium of 28 partners, will develop concepts for a next generation offshore platforms for multi-use of ocean space for energy extraction, aquaculture and platform related transport. The project does not envisage building a new platform but aims at examining different concepts, such as a combination of structures or complete new structures on representative sites under different conditions. ICRE8 has provided a methodology for integrated **Socio-Economic assessment of offshore platforms, facilitating the implementation of the Marine Strategy Framework Directive. This methodology takes into account legal and technical constraints, environmental issues and socio-economic impacts of the platforms apart from financial aspects of their construction and operation.**



- **September 2014:** MERMAID project meeting at the University of Bologna
ICRE8 Participants: Phoebe Koundouri, Osiel Davila ([Presentation](#))



- **March 2015:** 7th MERMAID meeting at Elsinor, Denmark (Presentations [1](#), [2](#))
ICRE8 Participants: Phoebe Koundouri, Amerissa Giannouli, Chrysoula Papagianni, Evita Mailli



TROPOS (EU-FP7): <http://www.troposplatform.eu/>

The TROPOS (Modular Multi Purpose Deep Water Offshore Platforms) Project aims at developing a floating modular multi-use platform system for use in deep waters, with an initial geographic focus on the Mediterranean, Tropical and Sub-Tropical regions, but designed to be flexible enough so as to not be limited in geographic scope.

ICRE8 contributed to this project with a Choice Experiment.

**Development of a National Strategy on Municipal Solid Waste Management in Jordan funded by Hashemite Kingdom of Jordan**

Its main objective is to identify the most cost effective, efficient, affordable, and quality-service environmentally and socially sound MSW management framework in the Kingdom through improvements to institutional, operational, financial, socio-economic, and legal aspects.

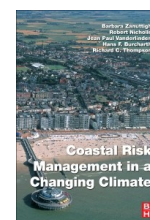
THESEUS (EU-FP7, 6,530,000 euros):

<http://www.theseusproject.eu/>

THESEUS (Innovative technologies for safer European coasts in a changing climate) is the largest Integrated Project within coastal risk assessment and mitigation funded by the European Commission. THESEUS examined the application of innovative combined coastal mitigation and adaptation technologies generally aiming at delivering a safe (or low-risk) coast for human use/development and healthy coastal habitats as sea levels rise and climate changes (and the European economy continues to grow). The primary objective was to provide an integrated methodology for planning sustainable defence strategies for the management of coastal erosion and flooding which addresses technical, social, economic and environmental aspects. THESEUS objectives are governed by three specific goals, which concern: (a) Risk assessment, (b) Response strategies and (c) Application.



- **THESEUS book of guidelines published by Elsevier**
 - THESEUS UK Ecological Research wins a national industry [award](#) for innovative design.
 - THESEUS receives further attention from the European Commission:
- [Interview on H2020](#)
- THESEUS Special Issue in [Coastal Engineering](#).

**World Bank Mission: Determining the Discount Rate for Government Projects: Consultation to the Government of Cyprus**

Governments are committed to continuing improvement in the delivery of public services. A major part of this is ensuring that public funds are spent on activities that provide the greatest benefits to society, and that they are spent in the most efficient way. To ensure efficient allocation of funds the public sector needs to evaluate the costs and benefits of past, present and future activities (policies, programs and projects) intertemporally. One crucial element in this cost-benefit evaluation is the choice of the short and long-run interest rates to be used: an issue that attracted the interest of most 'great economists'. This project concerns a critical state-of-the-art review of the underlying literature, identification of most appropriate method to applied for the case of Cyprus and empirical application of this method, to estimate the optimal dynamic path of the interest rate to be used for by the Cypriot Public Sector.

Prof Koundouri contributed to relevant consultations for the following governments:



The World Bank

Students' Experience

Prof. Phoebe Koundouri during this year supervised many students, giving them the opportunity to work close to other researchers and under different ICRE8 research projects.



Marija Nikolic is a PhD Candidate in Economics and Management of Natural Resources at University LUM Jean Monnet of Casamassima (Bari), Italy.

Maura La Torre is a PhD Candidate in Economics and Management of Natural Resources at University LUM Jean Monnet of Casamassima (Bari), Italy.



“From personal and professional point of view our experience at the research centre ICRE 8 has been extremely positive. The research team, compound of all young scholars, welcomed us with kindness and hospitality, involving us immediately in their activities. Highly professional and experienced Professor Phoebe Koundouri, the beating heart of the centre, shared very helpful advices, enabled us to be the part of various meetings, to be involved in different stages of projects, to enrich our research knowledge. We hope to return soon for new and interesting collaboration. Thank you all !! “

Marija Nikolic and Maura La Torre

“ Being a member of ICRE8 gave me opportunities, skills and experience. The knowledge that I gained was not only about environment and economics. I got familiar with how all these things can be combined and used in real projects. Moreover, the whole team was very welcoming, helpful and supportive!



Marieli Kamizouli is a post graduate student in London School of Economics.



“Working with the members of ICRE8 was a pleasant and interesting way of interacting with environmental economists. It supported me by gaining a better insight into environmental economic issues such as water scarcity issues and pollution. We had fruitful discussions and ideas regarding environmental issues that supported me in developing my communication and presentation skills.” - Vasilis

Vasilis Pergamalis is a graduate student at the Athens University of Economics and Business, School of Economics.

July 2015: Prof. Gamini Herath from Monash University @ ICRE8, ATHENTS

Prof Gamini Herath gave a lecture at ICRE8 about sustainable ground water governance and climate change with special reference to Asia.

[\[Abstract\]](#)

Gamini Herath is Professor of Economics at the School of Business, Monash University Malaysia. He is also the Director of the Social and Economic Transformation in Asia (SETA) research platform. His principal research interests are in environmental economics, institutional change, globalization and sustainable development in Asia.



July 2015: REFORM Final Conference @ Wageningen University, The Netherlands

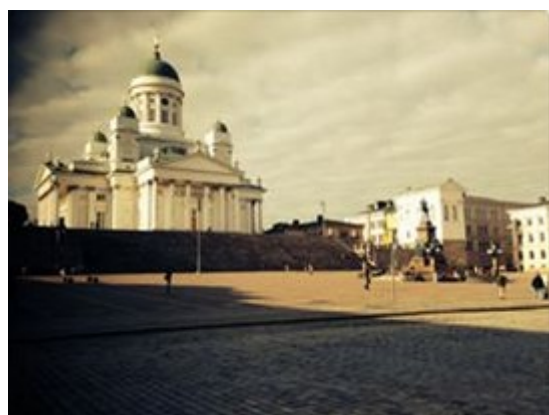


ICRE8 Scientific Director Prof. Phoebe Koundouri gave the keynote speech at the REFORM (REstoring rivers FOR effective catchment Management) [final conference](#). REFORM is a project funded by the EU that aims to provide a framework for improving the success of hydromorphological restoration measures to reach, in a cost-effective manner, target ecological status or potential of rivers. [\[Programme\]](#) [\[Presentation\]](#)

June 2015: EAERE 21st Annual Conference @ Helsinki, Finland



ICRE8 Scientific Director Prof. Phoebe Koundouri presented the paper "Valuing Climate Change Mitigation: A Choice Experiment on Coastal and Marine Ecosystem" at the 21st Annual Conference of the European Association of Environmental and Resource Economists in Helsinki, June 24-27 [\[Programme\]](#)



June 2015: EAERE secretariat visited the EAERE 2017

EAERE secretariat visited the EAERE 2017 organizing committee (lead by ICRE8 Research Center and supported by the Athens University of Economics and Business (AUEB), the University of Athens (UoA) and the ATHENA Research and Innovation Center) to inspect the developments regarding EAERE 2017 organization. Photo: Monika Eberle (EAERE secretariat), Prof. Phoebe Koundouri (ICRE8 Scientific Director and AUEB), Prof. Tasos Xepapadeas (AUEB and ICRE8), Prof. Andreas Papandreou (UoA and ICRE8), Prof. Yannis Ioannidis (Director ATHENA, UoA and ICRE8).

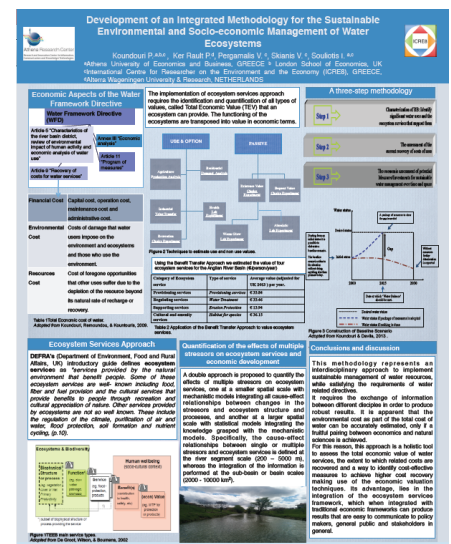


May 2015: SETAC Europe 25th Annual Meeting @ Barcelona, Spain

Ioannis Souliotis, ICRE8 researcher, participated in the SETAC Europe 25th Annual Meeting (3-7 May 2015), presenting the Development of an Integrated Methodology for the Sustainable Environmental and Socio-economic Management of Water Ecosystems.

[SETAC \(Society of Environmental Toxicology and Chemistry\)](#) is a not-for profit, global professional society established in 1979 to provide a forum for individuals and institutions engaged in education, research and distribution, management and regulation of natural resources, and the study, analysis, and solution of environmental problems.

SETAC Europe is one of five Geographic Units (GU) of the global Society of Environmental Toxicology and Chemistry (SETAC), established to promote and undertake activities of SETAC in Europe, and to support activities of SETAC in the Middle East and Russia.



April 2015: Climate Change and Coastal Adaptation Day @ Bologna, Italy

ICRE8 Scientific Director **Prof. Phoebe Koundouri** gave a speech at the Climate Change and Coastal Adaptation Day in Bologna. The purpose of the event was to boost a participatory roadmap for climate-smart development of coastal areas, in the spirit of the overall aim of the EU Adaptation Strategy (2013) that "is to contribute to a more climate-resilient Europe". The workshop brought together scientists, public authorities and coastal managers, private consultants and constructors to present the key challenges induced by climate change. The day was organised by the University of Bologna and supported by the Climate-KIC through ASTER. See the presentation [here](#).



April 2015: Seminar @ the University of Verona, Italy



Dr Dimitrios Reppas, ICRE8 researcher was invited to give a presentation at the University of Verona, Department of Economics. He presented the paper: Tigran Melkonyan and Dimitrios Reppas 'Ambiguity and Strategic Interactions in Global Pollution Problems'.

March 2015: Workshop on Methods and decision-making framework for a policy-driven Biodiversity @ Heraklion, Crete

Ioannis Souliotis, ICRE8 researcher, presented at a workshop on Methods and decision-making framework for a policy-driven Biodiversity in Crete. The workshop was organized by the Hellenic Centre for Marine Research (<http://www.hcmr.gr/en/>) with the support of Crete organizes on Friday 20th March in Heraklion. The aim of the workshop was to inform the general public, scientific and productive institutions and administration for innovative tools and new institutional frameworks that can contribute to policy making and decision-making environmental management, in light of promotion, enhancement and protection of biodiversity of Crete. See the presentation [here](#).



March 2015: ENVECON 2015 @ London, UK



Amerissa Giannouli, ICRE8 researcher, presented the Methodology for integrated socio-economic assessment of offshore platforms in the context of the Marine Strategy Framework Directive at Envecon 2015.

[Envecon 2015](#) featured presentations by academics, policy makers and consultants from the UK and beyond. The conference keynote was given by Professor Dieter Helm, CBE, Fellow in Economics, New College, Oxford, and Chair, Natural Capital Committee, and was followed by a plenary session on Natural Capital showcasing the recent work for the Committee on policy evidence, natural capital accounting for businesses and for countries.

See the presentation [here](#).

March 2015: Public Lecture @ ETH Zurich, Switzerland

ICRE8 Scientific Director **Prof. Phoebe Koundouri** gave a Public Lecture at [ETH Zurich](#), Department of Management, Technology and Economics on: Technology Adoption and Diffusion: The Role of Information and Uncertainty. See the presentation [here](#).



March 2015: Scientific Seminar @ Swiss Federal Institute of Aquatic Science and Technology



ICRE8 Scientific Director **Prof. Phoebe Koundouri** gave a Scientific Seminar at [Swiss Federal Institute of Aquatic Science and Technology](#) on 'A Choice Experiment for the Estimation of the Economic Value of the River Ecosystem: Management Policies for Sustaining NATURA (2000) species and the Coastal Environment'. See the presentation [here](#).

February 2015: 1st Evrotas Case Study Meeting @ Sparta, Greece

Yannis Souliotis, ICRE8 (www.icre8.eu) researcher, introduced the work of WP9 (Socioeconomics) to stakeholders of the Evrotas GLOBAQUA case study. The meeting took place at the "Museum of the Olive and Greek Olive Oil" in Sparta. Globaqua assesses the effects of water scarcity on aquatic ecosystems by focusing on six river basins (Ebro, Adige, Sava, Evrotas, Anglian and Souss Massa). These basins encompass a rich set of socio-ecological conditions and a wide geographic coverage, and focus on a specific set of stressors to illustrate different management scenarios.

Read the press release [here](#).



December 2014: 1st Symposium on Energy, Environment and Climate Change @ Hilton Athens, Athens

ICRE8 Scientific Director Prof. Phoebe Koundouri participated in the 1st Symposium on Energy, Environment and Climate Change.

NGO Ioannis Kapodistrias, member of the Youth for Europe team, organized the first Energy Symposium, Environment & Climate Change. The Symposium was held under the Volunteering & Culture without Borders festival 2014 at the Hilton Athens. The festival was hosted by the Multi-Conference Money Show. This initiative aims to bring within the scope of public debate critical issues relating to the Environment, Energy & Climate Change. Presentation available [here](#):



November 2014: 3rd Convention of FEEM Research Program on Climate Change and Sustainable Development Economics @ Island of San Giorgio Maggiore, Venice, Italy



ICRE8 Scientific Director, Prof. Phoebe Koundouri gave the keynote speech at the 3rd Convention of FEEM Research Program on Climate Change and Sustainable Development Economics: Measuring Economic Values & Integrating them in Interdisciplinary Sustainable Management of Natural Resources & other Public Goods. The latest research carried out at FEEM and CMCC on climate change and sustainable development economics were presented at the Convention. Recent papers dealing with these topics were also presented by FEEM and CMCC's researchers, together with key note speeches by international leading scholars in the field.

Presentation available [here](#)

Video available [here](#)

November 2014: 1st GLOBAQUA Annual Meeting @ Athens, Greece

ICRE8 Scientific Director, Prof. Phoebe Koundouri (ATHENA) organized the 1st GLOBAQUA annual meeting in Athens. The whole consortium met to discuss about the progress and the future plan of the project. The GLOBAQUA Steering Committee met as well.

News Coverage of the Event by ECO News: [19/11/2014](#)



November 2014: Prof. Lucas Bretschger's lecture @ Bank of Greece "Energy prices and growth: How to measure the costs of climate policies"

Professor Lucas Bretschger, Director of CER-ETH, Center of Economic Research at ETH Zurich, and President-Elect of the European Association of Environmental and Resource Economists (EAERE), gave a lecture on "[Energy prices and growth: How to measure the costs of climate policies](#)" on Tuesday, 18th November 2014 at the Bank of Greece Head Office. Organized by [EMEKA](#)

News Coverage of the Event by ECO News: [18/11/2014](#)



November 2014: Poverty Environment Initiative Community of Practice in Europe and the Commonwealth of Independent States @ Bishkek, Kyrgyzstan

Prof. Phoebe Koundouri presented a [manual](#) for Sustainable Water Resources Management at the "Poverty Environment Initiative Community of Practice in Europe and the Commonwealth of Independent States (PEI ECIS CoP).

The Poverty-Environment Initiative (PEI) of the United Nations Development Pro-

gram (UNDP) and the United Nations Environment Program (UNEP) is a global program that supports country-led efforts to mainstream poverty-environment objectives into national development and sub-national development planning, from policymaking to budgeting, implementation and monitoring. www.unpei.org

Poverty and Environment Video: [Kyrgyzstan](#)



September 2014: 16th Annual BIOECON Conference Biodiversity, Ecosystem Services and Sustainability @ UK

Osiel González Dávila, ICRE8 core team member, attended the 16th Annual BIOECON Conference Biodiversity, Ecosystem Services and Sustainability in order to present research papers co-authored by Prof. Phoebe Koundouri. Two papers presented:

- [Valuing Climate Change Mitigation: A Choice Experiment on Coastal](#)
- [Marine Ecosystem and Isolating Warm Glow in Charitable Auction Giving](#)



[BIOECON](#) (BIOdiversity and Economics for Conservation – BIOECON) is an interdisciplinary network aiming to advance economic theory and policy for biodiversity conservation. BIOECON assembles economists, lawyers and scientists from leading international academic and research institutions and main policy organisations working on design and implementation of cutting edge economic incentives for biodiversity conservation.

August 2014: World Water Week @ Stockholm, Sweden

World Water Week is organised by the Stockholm International Water Institute ([SIWI](#)) and takes place in Stockholm, Sweden. It has been the annual focal point for the globe's water issues since 1991.

Every year, SIWI provides a platform for over 200 collaborating organisations to convene events about water and development issues. It is also an opportunity for individuals from around the globe also present their findings at the scientific workshops.

Prof. Phoebe Koundouri presented at the Stockholm World Water Week the "Andhikhola Hydel and Rural Electrification Project (AHREP) in Nepal" Water and Green Growth case study during the Seminar Session 2: Putting Green Growth in practice.



May 2014: Prof. Anil Markandya's lecture @ Bank of Greece "Climate Finance for adaptation: Current Issues and Challenges"



Prof. Markandya is a resource economist who has worked in this field for over thirty years and is acknowledged as one of the leading authorities. He was one of the core team that drafted the IPCC 4th Assessment that was awarded the Nobel Peace Prize in 2007. Find the presentation [here](#). Organized by [EMEKA](#)

A list of Athens-based MSc programs that might be of interest to ICRE8 Newsletter audience. ICRE8 Scientific Director teaches the following courses in these programs:

- [Science in Health and the Environment](#)
(MSc program @ Medical School of the University of Athens)
- [Energy Economics](#)
(MBA International program @ Athens University of Economics and Business)
- [Environment, Natural Resources and Energy](#)
(MSc program @ Athens University of Economics and Business)



Recent and Forthcoming Publications

Peer Reviewed Papers

NON-MARKET VALUATION

- Koundouri, P., Remoundou, K., Rulleau, B., Diaz, P. Valuing of Climate Change Mitigation for Coastal Ecosystems Facing Extreme Natural Hazards. *Ecosystem Services*. Forthcoming.
- Adams, F., Koundouri, P, Remoundou, K., Nunes, A.P. Are preferences for Environmental Quality Sensitive to Financial Funding Schemes? Evidence from Marine Restoration Program in the Black Sea. *Empirical Economics*. April, 2014.

INTERDISCIPLINARY APPROACHES NATURAL RESOURCES ECONOMICS AND MANAGEMENT

- Koundouri P., Souliotis I. The Economic Value of Restoration based on the Ecosystem Services Approach, Science of the Total Environment, Forthcoming July 2015.
Journal Announced Impact Factor: 3.95
- Koundouri P., Ker Rault P, Pergamalis V., Skianis V., Souliotis I., Development of an Integrated Methodology for the Sustainable Environmental and Socio-economic Management of River Ecosystems. Science of the Total Environment, Forthcoming July 2015.
Journal Announced Impact Factor: 3.95
- Koundouri, P., Reppas, D., and Souliotis, I. Shaping the future of Economics Instruments in Regulating the Environment: 'The Allocation of Energy Resources' by William Nordhaus. Invited paper in William Nordhaus Symposium, *Journal of Natural Resources Policy Research*. Forthcoming: July 2015.
- P. Koundouri, O.G. Dávila, M. Stithou, A. Xepapadeas, I. Anastasiou, A. Antypas, N. Kourogenis, A. Mousoulides, M. Mousoulidou, A. Giannouli, C. Papagianni, E. Kotroni, N. Ahrensberg, B. Zanuttigh, F. Zagonari, M.A. Lange, C. Jimenez, M. Charalambous, L. Rosen, A. Lindhe, J. Norrman, T. Norberg, J. Schouten, R. Garção, T. Söderqvist, A. Pedersen, D. Troianos, A. Frentzos, Y. Krontira, I.J. Losada, P. Diaz-Simal, R. Guanche, M. de Bel, W. He, S. Kabdasli, N. Elginöz, E. Oguz, T. Bagci, B. Bas, M. Cantu', M. Masotti, R. Sufredini and M. Stuver. Methodology for Integrated Socio-Economic Assessment of Offshore Platforms: Towards Facilitation of the Implementation of the Marine Strategy Framework Directive. **Special Issue "Sustainable Management of Marine Resources under Uncertainty: Economic, Environmental and Social Aspects"**, *Sustainability*. Forthcoming.

Recent and Forthcoming Publications

Peer Reviewed Papers

- Phoebe Koundouri, Barbara Zanuttigh, Osiel González Dávila, Jan-Joost Schouten, Ole Petersen, Raul Guanche García, Pedro Diaz-Simal, Mark de Bel, Christine Rockmann, Marian Stuiver, Lucía Meneses, Rita Garção, Fabio Zagonari. A Methodology for the Design and Selection of feasible Multi-Use Offshore Platforms in Interaction with Stakeholders. **Special Issue "[Sustainable Management of Marine Resources under Uncertainty: Economic, Environmental and Social Aspects](#)", *Sustainability*. Forthcoming.**
- Marian Stuiver, Phoebe Koundouri, Osiel González Dávila, Chrysoula Papagianni, Sander van den Burg, Alwin Gerritsen, Thorbjørn Harkamp, Barbara Zanuttigh, Fabio Zagonari, Raul Guanche, Ole Petersen, Jan Joost, Schouten, Amerissa Giannouli, Tore Söderqvist, Lars Rosen, Rita Garção, Jenny Norman, Christina Rockman. Governance regimes for Multi-use Offshore Platforms, experiences in four case studies in Europe. **Special Issue "[Sustainable Management of Marine Resources under Uncertainty: Economic, Environmental and Social Aspects](#)", *Sustainability*. Forthcoming.**
- Alícia Navarro-Ortega, Vicenç Acuña, Alberto Bellin, Peter Burek, Giorgio Cassiani, Redouane Choukr-Allah, Sylvain Dolédec, Arturo Elosegi, Federico Ferrari, Antoni Ginebreda, Peter Grathwohl, Colin Jones, Philippe Ker Rault, Kasper Kok, **Phoebe Koundouri**, Ralf Peter Ludwig, Radmila Milacic, Isabel Muñoz, Claudio Paniconi, Momir Paunović, Sergi Sabater, Nikolaos Th. Skoulikidis, Adriaan Slob, Georg Teutsch, Nick Voulvoulis and Damià Barceló. Managing the effects of multiple stressors on aquatic ecosystems under water scarcity. The GLOBAQUA project. *Science of the Total Environment*.
- P. Koundouri editor of the Special Issue in the **Sustainability Journal**: "Sustainable Management of Marine Resources under Uncertainty: Economic, Environmental, and Social Aspects".
- Osiel González Dávila, Mavra Stithou, Gianluca Pescaroli Luca Pietrantoni, Phoebe Koundouri, Pedro Díaz-Simal, Bénédicte Rulleau, Nabil Touili, François Hissel and Edmund Penning-Rowsell. Promoting Resilient economies by exploring insurance potential for facing coastal flooding and erosion: evidence from Italy, Spain, France and the United Kingdom. *Coastal Engineering*, **87: May 2014**.

Working Papers

Downloadable from DIEES Working Papers Series: <http://wpa.deos.aueb.gr/> and

ICRE8 Working papers series: <http://www.icre8.eu/icre8-working-papers>

Recent and Forthcoming Publications

Articles in Handbooks

- Koundouri, P., and Davila, O., 2013. Implementing the European Water Framework Directive in Greece: An Integrated Socio-Economic Approach, Empirical Implementation Results and Remaining Obstacles. In Burnett, K., Howitt, R., Roumasset, J. A., & Wada, C. A. (Eds.) *'The Handbook of Water Economics and Institutions'*. December, 2014.
- Koundouri, P., 2013. The Use of Ecosystem Services Approach in Guiding Water Valuation and Management: Inland and Coastal Waters. In Dinar, A. and Schwabe, K. (eds.) „*The Handbook of Water Economics*“. Edward Elgar Publishers. (Forthcoming)
- Koundouri, P., Skianis V., Reppas D., Socio-Economics and Water Management: Revisiting the Contribution of Economics in the Implementation of the Water Framework Directive in Greece and Cyprus [link]. In Nikolaos Skoulikidis, Elias Dimitriou, and Ioannis Karaouzas eds., *'The Handbook of Environmental Chemistry: The Rivers of Greece: Evolution, Current Status and Perspectives'*, Springer. (Forthcoming)
- Koundouri, P., Bambalos, V., Stithou, M., Mousoulidou, M., Mousoulides, A., Anastasiou, I., Vasiliou, K. A Micro-Econometric Approach to Deriving Use and Non-Use Values of in-situ Groundwater: The Vosvozis Case Study, Greece. In „*The Handbook on Economics of Biodiversity and Ecosystems Services*“, edited by P. A. Nunes, P. Kumar and T. Dedeurwaerdere, Edward Elgar Publishing Ltd, Cheltenham, UK.
- Koundouri, P., Kougea, E., Stithou, M., Ala-Aho, P., Eskelinen, R., Karjalainen, T., Klove, B., Pulido-Velazquez, M., Reinikainen, K. and Rossi, P. The Effects of Climate Change on the Value of Groundwater Dependent Ecosystems: The Rokua Esker, Northern Finland. In „*The Handbook on Economics of Biodiversity and Ecosystems Services*“, edited by P. A. Nunes, P. Kumar and T. Dedeurwaerdere, Edward Elgar Publishing Ltd, Cheltenham, UK.

Recent and Forthcoming Publications

Articles in books and collective volumes

- Andrew Boulton, Thibault Datry, Phoebe Koundouri, Ioannis Soouliotis: "Ecosystem values and societal perceptions of intermittent rivers" in proposed new book "Intermittent River Ecology and Management"
- Koundouri, P., Zanuttigh, B., Dávila, O.G., Vanderlinden, J.P., Hanson, S., Nicholls, R., Hoggart, S., Thompson, R.C., de Vries, W. and Penning-Roswell, E. (2014), Towards Sustainable Decision Making. In Zanuttigh, B., Nicholls, R., Vanderlinden, J.P., Burcharth, H. and Thompson, R.C. (eds.) Coastal Risk Management in a Changing Climate. Coastal Risk Management in a Changing Climate. [Elsevier. ISBN 978-0-12-397310-8.](#)
- Nicholls, R., Zanuttigh, B., Vanderlinden, J.P., Weisse, R., Silva, R., Hanson, S., Narayan, S., Hoggart, S., Thompson, R.C., de Vries, W. and Koundouri, P. (2014) Developing a Holistic Approach to Assessing and Managing Coastal Flood Risk. . In Zanuttigh, B., Nicholls, R., Vanderlinden, J.P., Burcharth, H. and Thompson, R.C. (eds.) (2014). Coastal Risk Management in a Changing Climate. [Elsevier. ISBN 978-0-12-397310-8.](#)
- Vanderlinden, J.P., Baztan, J., Coates, T., Dávila, O.G., Hissel, F., Kane, I.O., Koundouri, P., McFadden, L. Parker, D., Penning-Roswell, E., Pietrantoni, L., Pescaroli, G., Prati, G., Rulleau, B., Stithou, M. and Touili, N. (2014), Nonstructural Approaches to Coastal Risk Mitigations. In Zanuttigh, B., Nicholls, R., Vanderlinden, J.P., Burcharth, H. and Thompson, R.C. (eds.) (2014). Coastal Risk Management in a Changing Climate. [Elsevier. ISBN 978-0-12-397310-8.](#)
- Koundouri, P. et al. Introduction in Koundouri, P. (editor) Innovative Multi-Purpose Offshore Platforms: Economic Engineering and Ecological Perspectives. Springer Publishing. Forthcoming .
- Koundouri, P. et al. Development of Methodology for Integrated Socio-Economic Assessment (MISEA) in. Koundouri, P. (editor) Innovative Multi-Purpose Offshore Platforms: Economic Engineering and Ecological Perspectives. Springer Publishing. Forthcoming
- Koundouri, P. et al. Socio-economic Analysis on selected Estuarine Site (Baltic Sea) in Koundouri, P. (editor) Innovative Multi-Purpose Offshore Platforms: Economic Engineering and Ecological Perspectives. Springer Publishing. Forthcoming.

Articles in books and collective volumes

- Koundouri, P. et al. Socio-economic Analysis on selected Active Morphology Site (North Sea and Wadden Sea) in Koundouri, P. (editor) *Innovative Multi-Purpose Offshore Platforms: Economic Engineering and Ecological Perspectives*. Springer Publishing. Forthcoming .
- Koundouri, P. et al. Socio-economic Analysis on selected Open Deep Water Site (Atlantic Coast) in Koundouri, P. (editor) *Innovative Multi-Purpose Offshore Platforms: Economic Engineering and Ecological Perspectives*. Springer Publishing. Forthcoming .
- Koundouri, P. et al. Socio-economic Analysis on selected Sheltered Deep Water site (Mediterranean) in Koundouri, P. (editor) *Innovative Multi-Purpose Offshore Platforms: Economic Engineering and Ecological Perspectives*. Springer Publishing. Forthcoming
- Koundouri, P. et al. Conclusions and Policy recommendations in Koundouri, P. (editor) *Innovative Multi-Purpose Offshore Platforms: Economic Engineering and Ecological Perspectives*. Springer Publishing. Forthcoming
- P. Koundouri, O.G. Dávila, M. Stithou, A. Xepapadeas, I. Anastasiou, A. Antypas, N. Kourogenis, A. Mousoulides, M. Mousoulidou, A. Giannouli, C. Papagianni, E. Kotroni, N. Ahrensberg, B. Zanuttigh, F. Zagonari, M.A. Lange, C. Jimenez, M. Charalambous, L. Rosen, A. Lindhe, J. Norrman, T. Norberg, J. Schouten, R. Garção, T. Söderqvist, A. Pedersen, D. Troianos, A. Frentzos, Y. Krontira, I.J. Losada, P. Diaz-Simal, R. Guanche, M. de Bel, W. He, S. Kabdasli, N. Elginöz, E. Oguz, T. Bagci, B. Bas, M. Cantu', M. Masotti, R. Suffredini and M. Stuiver. *Methodology for Integrated Socio-Economic Assessment of Offshore Platforms: Towards Facilitation of the Implementation of the Marine Strategy Framework Directive*. In Koundouri, P. (eds) *Innovative Multi-Purpose Offshore Platforms: Economic Engineering and Ecological Perspectives*. Springer Publishing. Forthcoming

Recent and Forthcoming Publications

Books

- Koundouri, P. (editor) The Handbook of Water Resources Management: The Ecosystems-Based Approach. Cambridge University Press. Forthcoming 2018.
 - Markandya, A., and Koundouri, P. (editors) Fisheries Policy and Management. World Scientific Publishing. Forthcoming 2016.
 - Koundouri, P. (editor) Innovative Multi-Purpose Offshore Platforms: Economic Engineering and Ecological Perspectives. Springer Publishing. Forthcoming.
 - Koundouri, P. (editor) The Economics of Marine Energy Production: A framework of analysis and its application in European oceans. Springer Publishing. Forthcoming.
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2015 (24th) Blue Planet Prize Winners



Professor Sir Partha Dasgupta
FBA FRS (UK)
 Born November 17, 1942
 Frank Ramsey Professor Emeritus of
 Economics, Faculty of Economics,
 University of Cambridge



Professor Jeffrey D. Sachs (USA)
 Born November 5, 1954
 Director, The Earth Institute,
 Columbia University

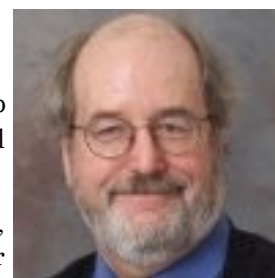
Sir Prof. Partha Dasgupta, member of ICRE8 Strategic Planning Board, awarded the 2015 Blue Planet Prize together with the Earth Institute Director Jeffrey Sachs.

The prize is given by Japan's Asahi Glass Foundation. The prize recognizes their major efforts to solve global environmental problems and it is given each year to two individuals or organizations worldwide.

10 Years after Pearce

ICRE8 Scientific Director **Prof. Phoebe Koundouri** is going to speak at a workshop to celebrate the legacy of David W. Pearce: "10 Years after Pearce" The workshop will take place on 10 September 2015 at the London School of Economics.

Confirmed speakers include Scott Barrett, Kate Brown, Ed Barbier, Kirk Hamilton, Phoebe Koundouri, Anil Markandya, Susana Mourato, Richard Tol, Kerry Turner and many others.



David W. Pearce: Professor of Economics at University College London and Director of the Centre for Social and Economic Research on the Global Environment. Editor of The MIT Dictionary of Modern Economics, coauthor of Blueprint for a Green Economy and editor of Blueprint 2: Greening the World Economy.

Prof. David Pearce, considered by many the father of modern Environmental Economics, was a mentor, a colleague but mostly importantly a friend of Phoebe Koundouri. She, her generation, but also the new generation of Environmental Economist are in his depth!

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