



# Climate Change: Challenges after the Paris Agreement



**Uzt. 11 - Uzt. 13 2016**

**Kod. 200-16**

**Mod.:**

Aurrez aurrekoa

**Edizioa**

2016

**Jarduera mota**

Eskola

**Data**

Uzt. 11 - Uzt. 13 2016

**Kokalekua**

Miramar Jauregia

**Hizkuntzak**

Ingelesa

**Balio akademikoa**

30 ordu

**Antolakuntza Batzordea**



Fundación  
BBVA



# **Azalpena**

## **Ikastaroaren laguntzaile espezifikoak**

This school is jointly organized with Departamento de Fundamentos de Análisis Económico I (Marta Escapa)

# Programa

## 2016-07-11

- 09:00 - 09:30 "Welcome and opening of 2016 School"  
**Ibon Galarraga Gallastegui** BC3, Basque Centre for Climate Change - Co-director of the School  
**María José Sanz Sánchez** BC3, Basque Centre for Climate Change
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- 09:30 - 10:30 "Current challenges in the impacts and adaptation to climate change"  
**Anil Markandya** BC3, Basque Centre for Climate Change
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- 10:30 - 11:30 "REDD and climate change"  
**María José Sanz Sánchez** BC3, Basque Centre for Climate Change
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- 11:30 - 12:00 Break
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- 12:00 - 13:00 "Adapting to Sea Level Rise"  
**Iñigo Losada** IH Cantabria and IPCC
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- 13:00 - 13:30 "Synthesis Session"  
**Marta Olazabal** BC3, Basque Centre for Climate Change
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## 2016-07-12

- 09:15 - 09:30 "Opening Session"
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- 09:30 - 10:30 "International climate policy: The Aftermath of Paris"  
**Alina Averchenkova** Grantham Research Institute on CC, LSE
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- 10:30 - 11:30 "Carbon policy and the structure of global trade"  
**Christoph Böhringer** University of Oldenburg
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- 11:30 - 12:00 Break
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- 12:00 - 13:00 "The Paris meeting outcome: the vision of an international power utility "  
**Gonzalo Saenz de Miera** Asociación Española de Economía Energética
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- 13:00 - 13:45 "Poster Presenting Session"
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- 13:45 - 14:00 "Synthesis session"  
**Ibon Galarraga Gallastegui** BC3, Basque Centre for Climate Change - Co-director of the School
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14:00 - 15:30 Break

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15:30 - 17:30 Donostia United Nations Summit/ Adaptation Theory Game. Moderator: Marta Escapa (UPV/EHU) and Josu Lucas (BC3) Participants: all the students

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18:00 - 20:30 Cycling tour and "pintxos" night

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## 2016-07-13

09:15 - 09:30 "Opening Session"

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09:30 - 10:30 "Current Challenges in climate science"  
**Sergio Henrique Faria** , Basque Centre for Climate Change

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10:30 - 11:30 "Marine ecosystems in a warming ocean"  
**Guillem Chust Peters** AZTI-Tecnalia

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11:30 - 12:00 Break

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12:00 - 13:00 "The Anthropocene is functionally and stratigraphically distinct from the Holocene"  
**Alejandro Cearreta** UPV-EHU

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13:00 - 13:30 "Conclusions and future developments"  
**Elisa Sainz de Murieta Zugadi** , Basque Centre for Climate Change  
**Marta Escapa Garcia** UPV/EHU

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## Zuzendaritza



### **Ibon Galarraga Gallastegui**

BC3, Basque Centre for Climate Change, Senior Researcher

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BC3 Basque Centre for Climate Change Ph.D. in Economics (Environmental Economics) from the University of Bath (UK), M.A. Economics at the University of Essex (UK) and B.A. Economics (speciality of International Economics and Development) at the University of Basque Country. He has worked as an environmental consultant for many years for both public and private clients such as the World Bank, the Department for International Development of the British Government or the Basque Government. He was co-founder of a consultancy company. Ibon taught microeconomics and macroeconomics at the University of Bath and Economic Policy at the University of Deusto.

## Irakasleak



### **Alina Averchenkova**

Grantham Research Institute, London School of Economics

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Dr. Alina Averchenkova is a Distinguished Policy Fellow at the Grantham Research Institute at the London School of Economics. She leads Governance and Legislation research theme at the institute. Alina's most recent work focuses on the implementation of the Paris agreement, in particular the analysis of experiences with climate change governance and legislation around the world and capacity building and advisory to governments and parliaments on the design and implementation of climate and energy laws. Alina has over nineteen years of experience in climate policy and international development. Prior to joining the LSE in 2013, Alina worked for KPMG as Global Director for Climate Change and Carbon; the UN Framework Convention on Climate Change supporting international negotiations on climate change; for a carbon-asset manager First Climate in Zurich and for the Environmental Defence Fund in Washington, DC; Metroeconomica Ltd and for the Russia's Bureau of Economic Analysis.



### **Christoph Böhringer**

University of Oldenburg, Senior Researcher

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Since May 1st, 2012, Prof. Dr. Christoph Böhringer has been a member of the Commission of Experts for Research and Innovation that was established by the German government. Christoph Böhringer is professor for economic policy at the Carl von Ossietzky University in Oldenburg. After his graduation as industrial engineer from the Technical University of Karlsruhe, he received a doctorate in economics at the University of Stuttgart in 1995, where he became head of the section „Energy Economics“ at the Institute for Energy Economics and the Rational Use of Energy (IER). From 1999 to 2006, he led the department „Environmental and Resource Economics, Environmental Management“ at the Centre for European Economic Research (ZEW) in Mannheim. In 2002, he habilitated in economics at the University of Regensburg and in 2004 he became professor of economics at the University of Heidelberg.



## Alejandro Cearreta

UPV/EHU, Profesor Titular

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Alejandro Cearreta graduated in Geology (University of the Basque Country UPV/EHU) and holds a PhD in Geology (University of Exeter, UK). Alejandro Cearreta is responsible for the Master degree, the PhD Programme and the UFI (Formation and Research Unit) in Quaternary: Environmental Changes and Human Fingerprint. Alejandro is leader of the Harea-Coastal Geology research group (IT976-16) at the UPV/EHU. He is responsible of the Joaquín Gómez de Llerena Laboratory (Geo-Q Research Centre, Sociedad de Ciencias Aranzadi) and Editor of the CKQ (Estudios de Cuaternario/ Kuarternario Ikasketak/ Quaternary Studies) Journal, ISSN 2174-3703, published by the Sociedad de Ciencias Aranzadi.



## Guillem Chust Peters

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Guillem Chust se licenció en biología en la Universidad de Barcelona y se doctoró en la Universidad Paul Sabatier de Toulouse en 2002. Posterior a una estancia postdoc en el CNRS francés, se incorporó en la Unidad de Investigación Marina de AZTI en 2005, donde ha llevado a cabo estudios de macroecología marina e impactos del cambio climático en el medio marino costero, la pesca y la biodiversidad marina. Es autor de más de 80 publicaciones en revistas internacionales con factor de impacto, como por ejemplo Nature Communications. En AZTI, es responsable de Cambio Climático en Océanos y Costas.



## Marta Escapa Garcia

Associate Professor of Economics, UPV/EHU

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Marta Escapa (Ph.D. in Economics, 1996, UPV/EHU) is Associate Professor at the University of the Basque Country (UPV/EHU). Her research and teaching activity has developed in the area of Economic Analysis and, specifically, in Environmental and Resource Economics. She has over 20 years of research and teaching experience that covers both undergraduate and graduate courses on Natural Resource Economics and Environmental Economics and her research has focused on issues like: International Environmental Agreements on Climate Change; Intergenerational Dimension of Climate Change, Economic Analysis of Fisheries Management; Environmental Fiscal Reform and Unemployment; Solid Waste Management using System Dynamics. The main results from this research have been published in peer review journals with impact factor (JCR) like: Journal of Environmental Economics and Management, Environmental and Resource Economics, Energy Economics or Ecological Economics.



## **Sergio Henrique Faria**

BC3. Basque Centre for Climate Change, Ikerbasque Research Professor

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S.H. Faria (Dr.rer.nat. Darmstadt University of Technology, Germany, 2003) is Ikerbasque Research Professor at BC3 and Adjoint Presidential Professor at the Nagaoka University of Technology (NUT), Japan. He is Head of the BC3 Research Line “Climate Basis”, Director of the “IzotzaLab” (BC3’s low-temperature research facility), and leader of the Team “Climate Change, Environment and Human Well-Being” within the UPV/EHU Doctorate Programme “Quaternary: Environmental Change and Human Ecological Footprint”. He is also European Coordinator of the “GIGAKU Education Programme for Innovative Global Engineers”, which is part of the “Top Global University Project” of the Japanese Government. He is Associate Editor-in-Chief of Journal of Glaciology and Editorial Board Member of Scientific Reports. He is also Lead Author of “Chapter 1: Framing, Context, Methods” of the 6th Assessment Report, Working Group 1 (AR6-WG1) of the Intergovernmental Panel on Climate Change (IPCC).



## **Iñigo Losada**

IH Cantabria and IPCC, Director

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Iñigo Losada is the Research Director at IH Cantabria. He has also been Director of the Department of Water and Environmental Sciences and Techniques (2000-2003) and is Professor of Hydraulic Engineering at the Faculty of Civil Engineering of the University of Cantabria. He holds a Doctorate in Civil Engineering from the University of Cantabria and a PhD in Civil Engineering from the University of Delaware (USA) where he worked as a researcher at the Center for Applied Coastal Research from 1989 to 1992. Iñigo has been lead researcher in projects within the Spanish National Plan, the European Union and other international research agencies. He has also led over 50 transfer projects for the United Nations, the Inter-American Development Bank, the Council of Europe and several national and international companies and public administrations. He is lead researcher of the Unique Scientific and Technological Infrastructure “Cantabria Coastal and Ocean Basin”.



## Anil Markandya

BC3, Basque Centre for Climate Change and IPCC, Senior Researcher

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Professor 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 is the former Scientific Director of BC3, Basque Centre for Climate Change. He graduated from the London School of Economics with a Master of Science in Econometrics in 1968 and was awarded his Ph.D. on the Economics of the Environment in 1975. Since then he has divided his time between academic and advisory work. On the academic side he has published widely in the areas of climate change, environmental valuation, environmental policy, energy and environment, green accounting, macroeconomics and trade. Some of his best-known works include, 'Blueprint for a Green Economy', 'Green Accounting in Europe', 'Reconciling Trade and Development' and 'Cleaning the Ganges'.



## Marta Olazabal

BC3

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Marta Olazabal is post-doctoral researcher at the Basque Centre for Climate Change (BC3). She is Chemical Engineer by training specialized in Environment (School of Engineering of Bilbao, 2004). Combining work and studies, Marta gained an MSc on Environmental Engineering in 2009 and a PhD in the Department of Land Economy of the University of Cambridge in 2014. Marta has undertaken scientific stays in research institutes of Germany (IÖR, Dresden), The Netherlands (IVAM, Amsterdam) and United Kingdom (University of Newcastle, School of Civil Engineering & Geosciences, Newcastle upon Tyne). In 2011, she co-funded the Urban Resilience Young Researchers Network (URBNet) and she is also member of other international networks related to cities and resilience. Working mainly within the local scale, Marta collaborates in different national and international projects.



## Gonzalo Saenz de Miera

Iberdrola, Director de Cambio Climático

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Gonzalo Sáenz de Miera Ekonomia Aplikatua doktorea da UAMen - Iberdrolako Klima Aldaketaren eta Aliantzen zuzendaria da, Energiaren Ekonomiako Espainiako Elkarteko lehendakariordea - Hazkunde Berdeko Espainiako Taldeko presidenteordea - Energy Businesseko MBAko zuzendaria Enercluben - Energiaren, ekonomiaren eta klima-aldaketaren eta ingurumenaren arloetan aditua da.



## **Elisa Sainz de Murieta Zugadi**

UPV/EHUko irakaslea eta BC3 Basque Centre for Climate Change erakundeko ikertzaile elkartua

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EHUko Ekonomia Aplikatu saileko ikertzailea eta irakaslea naiz, bai eta Basque Centre for Climate Changeko (BC3) ikertzailea ere. Geologia-zientzietan (UPV/EHU) doktorea naiz, eta nire ikerketaren ardatza klima-aldaketaren eraginak eta egokitze-politikak eta -neurriak aztertzea da, ikuspegi sozioekonomikotik. Mondragon Taldeko kooperatiba batean hasi nuen nire karrera profesionala, eta, ondoren, administrazio publikoan Biodibertsitatearen Zuzendari gisa lan egiteko aukera izan nuen (Eusko Jaurlaritzan). Garai horretan, zientziak erabakiak hartzen laguntzeko duen garrantziaz jabetu nintzen, eta, beraz, etapa hori amaitzean, akademian nire bidea hastea erabaki nuen. 2010ean BC3rekin bat egiteko zortea izan nuen, euskal kostaldeko itsas mailaren aldaketekin lotutako inpaktuei buruzko doktore-tesia garatzeko. London School of Economics-en ikertzaile bisitaria izan naiz, eta nazioarteko, estatuko eta tokiko hainbat ikerketa-proiektutan lan egin dut.



## **María José Sanz Sánchez**

BC3, Basque Centre for Climate Change, Scientific Director

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Maria José Sanz zuzendari zientifikoa da BC3, Basque Center for Climate Change ikerketa zentruan, 2016ko urtarriletik. Sanz irakasleak Biologia Zientzietako doktoregoa du Valentziako Unibertsitatean (1991), eta esperientzia du zenbait arlo zientifikotan, hala nola ekofisiologian, airearen kutsaduraren ondorioetan, beheko eta goiko landareetan, dinamika eta kimika atmosferikoan, nitrogeno eta karbono zikloetan, berotegi-efektuko gasetan eta berotegi-efektuko gasetan. Klima Aldaketaren dimentsio politikoan eragin handia izan du, FAO (Elikadura eta Nekazaritzarako Nazio Batuen Erakundea) edo CMNUCC (Klima Aldaketari buruzko Nazio Batuen Esparru Konbentzioa) bezalako zentroetan hartutako erabaki politikoak gidatuz. Esperientzia du prozesu multilateraletan, esparru arautzaileetan, politika-neurrietan eta Klima Aldaketari buruzko Politikako tresnetan, eta diziplina anitzeko ikuspegia zuten hainbat programa inplementatzen gidatu zuen.

# Matrikula prezioak

<b>REGISTRATION</b>	<b>2016-04-30 ARTE</b>	<b>2016-05-31 ARTE</b>	<b>2016-07-08 ARTE</b>
REGULAR STUDENT	90,00 EUR	105,00 EUR	125,00 EUR
<a href="#">COLLABORATORS</a>	0 EUR	0 EUR	0 EUR

# **Kokalekua**

## **Miramar Jauregia**

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