

| MIQUEL ORTEGA CERDÀ



| PROFESSIONAL EXPERIENCE

- Since March 2020. Researcher. Autonomous University of Barcelona (UAB). Institute of Environmental Sciences and Technologies (ICTA). <http://icta.uab.cat/icta/index.jsp>
- Since May 2019. Head of projects. Fundació ENT.
- From June 2015 to May 2019. Barcelona municipality sustainability advisor.
- From July 2014 to June 2015. President. MedReAct Organizzazione non lucrative di utilità sociale, www.medreact.org
- From July 2013 to June 2015. Researcher. Autonomous University of Barcelona (UAB). Institute of Environmental Sciences and Technologies (ICTA).
- From February 2011 to June 2015. President. Fundació ENT (www.fundacioent.cat) Sant Joan 39, 1r. Vilanova i la Geltrú (Barcelona) 08800, Spain. Researcher in ecological economics, environmental politics and fisheries.
- From January 2002 to June 2015. Head of Projects. ENT Environment and Management (Serveis de Suport a la Gestió, SL) Sant Joan 39, 1r. Vilanova i la Geltrú (Barcelona) 08800, Spain. Senior consultant in ecological economics, environmental politics and fisheries. Coordination of more than 100 projects in these areas.
- From September 2011 to August 2012. Autonomous University of Barcelona (UAB). Institute of Environmental Sciences and Technologies (ICTA). Researcher in the project “ENGOV - Environmental Governance in Latin America.
- From February 2008 to June 2009. Autonomous University of Barcelona (UAB). Veterinarian Department. Researcher in the project “International Food Sovereignty Indicators”.
- From 1994 to 2002. Santacana Management S.A., and Segestion quality,S.L. Quality and organization consultant.
- From June 1997 to February 1999. Autonomous University of Barcelona (UAB). Physics Department. Researcher in the project MATER project WP-501 “Long term biogeochemical modelling on the Mediterranean Sea” (UAB). Commission of European Communities, MAST-II, MAS3-CT96-0051.



| EDUCATION

- From 2006 to 2011. PhD in Environmental Sciences (specialisation in ecological economics). Universitat Autònoma de Barcelona (Spain).
- From 1998 to 2000. Master of Arts in Ecological Economics and Environmental Management. Universitat Autònoma de Barcelona (Spain).
- From 2000 to 2001. Director on Operations and Management. ESADE business school (Spain).
- From 1997 to 1999. Master of Physics. Universitat Autònoma de Barcelona (Spain).
- From 1992 to 1997. Degree in Physics. Universitat de Barcelona (Spain).



| MAIN PUBLICATIONS

- Ortega, M. Mascarell, Y. (2020) The Spanish Mediterranean fishing sector and its market reaction to the ongoing coronavirus crisis. Fundació ENT
- Ortega, M. (2020) El retorn de Gaia. Sobiranes.cat
- Ertör, I; Ortega-Cerdà, M. (2018): “The expansion of intensive marine aquaculture in Turkey: The next - to - last commodity frontier?”. *Journal of Agrarian Change*, 1-24.
- Ertör, I; Ortega-Cerdà, M. (2017): “Unpacking the objectives and assumptions underpinning European aquaculture”. *Environmental Politics* 26 (5), 893-914.
- È. Martínez-Solanas, M. Vergara-Duarte, M. Ortega Cerdà, J.C. Martín-Sánchez, M. Buxó, E. Rodríguez-Farré, J. Benach, G. Pérez (2017): The Geography of the Alzheimer’s Disease Mortality in Spain: Should We Focus on Industrial Pollutants Prevention?. *Healthcare* 5, 89.
- Gorostiza, S.; Ortega-Cerdà, M (2016): “The unclaimed latifundium: the configuration of the Spanish fishing sector under Francoist autarky, 1939-1951”. *Journal of Historical Geography* 52, 26-35.
- Ertör, I.; Ortega-Cerdà, M (2015): “Political Lessons from Early Warnings: Marine Finfish Aquaculture Conflicts in Europe”. *Marine Policy*, Volume 51, January, Pages 202-210.
- Binimelis, R., Rivera Ferre, M., Tendero, G., Badal, M., Heras, M., Gamboa,G., Ortega,M. (2014). Adapting established instruments to build useful food sovereignty indicators. *Development Studies Research: An Open Access Journal*, 1:1, 324-339, DOI:10.1080/21665095.2014.973527.
- Rivera-Ferre, M.G.; Ortega-Cerdà, M.; Baumgärtner, J. (2013): “Rethinking Study and Management of Agricultural Systems for Policy Design”. *Sustainability* 2013, 5, 3858-3875.
- Ortega Cerdà, M. (2013): “Pesca, de los comunes a las cuotas individuales transferibles”. *Revista Ecología Política*, 2013, 45, 68-71. Editorial Icaria y Fundación Ent.
- Ortega Cerda, M., Vargas, M., Chantry, O. (2013): “Siglo XXI. La emergencia de los invisibles titanes de las materias primas”. *Revista Ecología Política*, 2013, 45, 99-104. Editorial Icaria y Fundación Ent.
- E. Martínez, J.M. Martínez, J.C. Martín, J. Benach, M. Ortega, G. Pérez, M. Vergara (2013). “Enfermedad de Alzheimer y contaminación industrial: análisis en áreas pequeñas de España (1999-2007)”. *Gaceta Sanitaria*, 27, 2013: 366.
- Mestre Montserrat, M., Ortega Cerdà, O. (2012): “Central America: Shrimp Aquaculture. Conflicts and Justice”. *Samudra*. pp. 8 - 11. International Collective in Support of Fishworkers.
- Mestre, M., Ortega, M. (2012): “Pesca y energía, ¿de la crisis energética a la crisis alimentaria?” (Fishing and Energy: from energy crisis to food crisis?) (<http://ves.cat/bgbo>). Report prepared for the ARAG Group (Agricultura, Ramaderia i Alimentació en la Globalització) of the UAB University.

- Ortega, M. (2012): “Análisis y propuestas de actuación ante la reforma de la Política Pesquera Común. La sostenibilidad como eje de futuro de la pesca española”. (Analysis and action proposals to the Common Fishery Policy reform. Sustainability at the heart of spanish fisheries future). (<http://ves.cat/bgbp>). Foundation Alternativas. Colección Estudios de Progreso, 70.
- Ortega, M. (2011): “Origen y evolución del movimiento de justicia ambiental”. (Origins and evolution of the environmental justice movement). Ecología Política. Cuadernos de debate internacional, No. 41, p. 17-25. Editorial Icaria.
- Ortega, M. (2011): “Justícia ambiental a Catalunya: anàlisi i propostes d’actuació per a l’administració pública” (Environmental justice in Catalonia: study and action proposals for the public administration). (Justicia ambiental en Cataluña: análisis y propuestas de actuación para la administración pública). Phd Thesis. Universidad Autónoma de Barcelona (UAB University), Environmental Science Department.
- Rivera-Ferre, M. Ortega, M. (2011): “Towards a more sustainable agri-food system: Recognising ignorance in the decision-making process”. Journal EMBO reports, No. 12, p. 393-397.
- Ortega, M., Font, D., Freire, J. (2011): “Guía sobre financiación y cambio climático” (Guide on funding and climate change). Generalitat de Catalunya, Catalan Office of Climate Change.
- Ortega, M., Rivera-Ferre, M.G. (2010): “Indicadores internacionales de Soberanía Alimentaria. Nuevas herramientas para una agricultura” (International indicators for food sovereignty. New tools for agriculture). Journal Iberoamericana de Economía Ecológica (Revibec), No. 14, p. 53-77.
- Mestre, M., Ortega, M. (2010): “Empresas pesqueras españolas en Centroamérica” (The Spanish fishery industry in Central America), in the report “Pescanova en Chile. Impactos españoles sobre el sector de la pesca en Chile”. Vets Without Borders.
- Ortega, M., Calaf, M. (2010): “Equitat ambiental a Catalunya. Integració de les dimensions ambientals, territorials i socials a la presa de decisions” (Environmental equity in Catalonia. Integrating environmental, territorial and social dimensions in the decision making process). Advisory Council for the Sustainable Development of Catalonia (CADS). Documents de recerca, No. 15.
- Ortega, M. (2010): “Tras Copenhague, cruce de caminos” (After Copenhagen, facing a crossroad). Journal Economía crítica, No. 9, p. 226-235.
- Rivera-Ferre, M. G., Ortega, M. (2010): “Large discrepancies between agricultural outlook prediction and real trends”, in “Innovation and sustainable development in agriculture and food”. Editorial ISDA, Montpellier (France).
- Losa, S., Ortega, M., Mestre, M., Tarafa, G., Schimpf, A. (2009): “Intereses económicos españoles en las negociaciones comerciales Europa-África. La pesca en Senegal como ejemplo” (The Spanish economic interests in the European-African trade agreements. The Senegal fisher interests as an example). SETEM Catalonia, Collection “incidencia”, No. 1.
- Ortega, M. (2009): “Apuntes sobre deuda ecológica y justicia ambiental” (Some notes on ecological debt and environmental justice), in “Energía y deuda ecológica. Transnacionales, cambio climático y alternativas”. Publisher Icaria, p. 53-71.

- Ortega, M. (2009): “Justicia ambiental, gobernanza y responsabilidad social corporativa” (Environmental justice, governance and corporate social responsibility), in “El negocio de la responsabilidad. Crítica de la Responsabilidad Social Corporativa de las empresas transnacionales”. Publisher Icaria. Antrazyt Collection, p. 147-173.
- Ortega, M., Cañellas, S. (2009): “Biocombustibles” (Biofuels), in “Anuario de Movimientos Sociales 2009”. Publisher Icaria, p. 66-93.
- García, F., Rivera-Ferre, M., Ortega, M. (2008): “Cuando los árboles no dejan ver el bosque” (When the trees do not allow you to see the forest), in “Introducción a la Crisis Alimentaria Global”. Publisher Icaria, p. 24-31.
- Ortega, M. (2008): “Sistemas de financiación pública bilateral, tan desconocidos como problemáticos” (Bilateral financing systems, as unknown as problematic). Revista Ecología Política, No. 36, p. 67-70.
- Ortega, M. (2008): “Deuda ecológica y justicia ambiental” (Ecological debt and environmental justice), in “Deuda Externa y Ecológica en el marco de la Globalización: de la Illegitimidad a las Resistencias” (External and ecological debt in the globalization: from the illegitimacy to the resistance). University of Granada, p. 119-141.
- Ortega, M. (2008): “Dependencia energética y su influencia en la política exterior: el caso del estado español” (Energy dependence and its influence in the external politics. The Spanish case), in “El precio oculto de la Tierra. Impactos Económicos, Sociales y Políticos de las Industrias Extractivas”. Publisher Icaria, p. 25-45.
- Tarafa, G., Ortega, M. (2008): “El crecimiento que no todo el mundo quiere” (The unwanted growth). Ecología Política, No. 35, p. 111-114.
- Ortega, M. (2007): “¿Debe el Estado ayudar a las transnacionales españolas? Impactos ambientales y sociales del apoyo público a la internacionalización” (Should public resources be used to support the Spanish corporations? Environmental and social impacts of the public support to internationalization). Publisher Muñoz Moya.
- Ortega, M. (2007): “Pesca industrializada en el Sur: Pescanova en Chile. Consecuencias sociales y ambientales” (Social and environmental consequences of industrial fisheries in the South. The case of Pescanova in Chile), in “Biodiversidad y derecho a la alimentación” (Biodiversity and right to food). Publisher Prosalus, p. 74-92.
- Ortega, M. (2006): “Pescanova en Chile. Impactos españoles sobre el sector de la pesca en Chile” (Pescanova in Chile. Spanish impacts on the Chilean fisheries sector). Observatory of Debt in Globalisation. UNESCO Chair on Sustainability of the Catalan Politecnic University (UPC).
- Ortega, M., Cerdà, L.I. (2006): “Gestió local de la mobilitat sostenible i segura” (Local, sustainable and secure mobility). Foundation Carles Pi i Sunyer and the Diputació of Barcelona.
- Ortega, M., Balanyá, B., Batista, G., Fresnillo, I., García, F., Kucharz, T., Lago, R., Llistar, D., Puig, I., Russi, D. (2006): “La deuda ecológica española. Impactos ecológicos y sociales de la economía española en el exterior” (The Spanish ecological debt. Environmental and social impacts of the Spanish economy outside the Spanish frontiers). Publisher Muñoz Moya and Publisher of Sevilla University.

- Ortega, M. (Coord.), Balanyá, B., Barbas, G., Fresnillo, I., García, F., Kucharz, T., Lago, R., Llistar, D., Puig, I., Russi, D. (2006): “El deute ecològic espanyol. Impactes ecològics i socials de l’economia espanyola a l’estranger” (The Spanish ecological debt. Environmental and social impacts of the Spanish economy outside the Spanish frontiers). Publisher: Muñoz Moya Editores Extremeños.
- Ortega, M. (2005): “ECAs, deuda externa y deuda ecológica. Ecología Política” (External credit agencies, external and ecological debt), No. 28, p. 25-33.
- Ortega, M. (2004): “European Governance and the Waste of Electrical and Electronic Equipment”. In-SPIRE, No. 1, p. 1-18.
- Ortega, M., Martínez Alier, J., Puig, I., Ramos, J., Russi, D., Ungar, P. (2003): “Deute Ecològic. El Nord està en deute amb els països del Sud” (Ecological Debt. Northern countries are in debt with Southern Countries). Contraargumentos, No.1. Observatory on Debt in Globalisation- Publisher Icaria.
- Ramos-Martín, J., Russi, D., Puig, I., Ortega, M., and Ungar, P. (2003): “Deuda Ecológica. ¿Quién debe a quién?” (Ecological debt. Who owes to whom?). Icaria Publisher, Barcelona.
- Sánchez-Cabeza, J. A., Ortega, M., Merino, J., Masque, P. (2002): “Long-term box modelling of water mass circulation in the Mediterranean Sea using 137Cs as a radiotracer”. Journal of Marine Systems, No. 33, p. 457-472.



PRESENTATIONS IN CONFERENCES AND SEMINARS

- Ertor, I., Ortega, M.: “Acuicultura marina de peces y barreras socioambientales en Europa”. XIV Spanish national congress of aquaculture. Gijón, 13 September 2013.
- E. Martínez, J.M. Martínez, J.C. Martín, J. Benach, M. Ortega, G. Pérez, M. Vergara. “Enfermedad de Alzheimer y contaminación industrial: análisis en áreas pequeñas de España (1999-2007)”. Iberoamerican Congress of epidemiology and public health. Granada. Spain. 4-7. September 2013.
- “The weight of building materials in the social metabolism of Spain and conflicts on quarries”. RESPONDER. Sustainable HousingCity of the publishing body. Barcelona, Spain, 28th-30th March 2012.
- “Socio-economic viability and solutions for small-scale and coastal fisheries in the EU in the context of CFP reform”. Committee on Fisheries of the European Parliament. Brussels, Belgium, 11th November 2011.
- “Environmental justice in Catalonia”. International Conference on Environmental Conflicts and Justice. Barcelona, Spain, 2nd July 2010.
- “Large discrepancies between Agricultural Outlook predictions and real trends”. Innovation and Sustainable Development in Agriculture and food. Montpellier, France, 28th June to 1st July 2010.
- “Environmental justice in Catalonia”. International Conference on Environmental Conflicts and Justice. Barcelona, Spain, 2-3rd July 2010.
- “Design and implementation of international food sovereignty indicators. Developing new tools for new agricultures”. 15th AISDRC: Taking up the Global Challenge. Utrecht, Netherlands, 7th July 2009.

- “Diseño e implementación de indicadores internacionales de Soberanía Alimentaria” (Design and Implementation of International Food Sovereignty Indicators). IV Congreso Universidad y Cooperación al Desarrollo. Barcelona, Spain, 14th November 2008.
- “Environmental justice, governance and corporate social responsibility”. VII Asian-Europe People’s forum. Beijing, China, 15th October 2008.
- - “Ecología Política y los medios de comunicación” (Political Ecology and Mass Media). V International Meeting in Environmental Politics. Foundation Antonio Núñez Jiménez. La Habana, Cuba, 1st de July 2006.
- “The ecological debt. An environmental perspective of the north-south relation”. Universidad Javeriana International Workshop. Bogotá, Colombia, 1st March 2006.
- “La ilegitimidad de la deuda externa” (The illegitimacy of external debt). International Meeting on Environment in the XXIst Century. Santa Clara, Cuba, 20th October 2005.
- “The export Credit Agencies transparency problem, the Spanish case”. International Conference on ECA. Fundação Luso-Americana para o desenvolvimento. Lisboa, Portugal, 1st October 2005.
- “Sustainability indicators”. European Ecological Economics meeting. Lisboa, Portugal, 1st May 2005.
- “The oil and debt path”. European Ecological Economics meeting. Lisboa, Portugal, 1st May 2005.
- “Energy intensity and economic growth: attractor points for both developed and developing countries”. European Ecological Economics meeting. Tenerife, Spain, 1st February 2003.
- “Energy intensity and economic growth: attractor points for both developed and developing countries”. IX Symposium on Economic History. Barcelona, Spain, 1st de April 2002.
- “Integrated Management System on collection and treatment of electric and electronic equipment”. I Meeting of the Industrial Ecology network of Catalonia. Barcelona, Spain, 1st April 2002.
- “Modelling ecoindustrial park responds to different environmental policies”. Third International Conference of the European Society for Ecological Economics (ESEE). Viena, Austria, 1st May 2000.
- “²³⁴Th as a tracer of scavenging, particle sinking and sediment mixing at selected stations in the Alboran Sea. 4th MATER WORKSHOP. Perpignan, France, 10th October 1999.
- “Long term modelling of ¹³⁷Cs and ⁹⁰Sr distribution in the Mediterranean Sea: results and predictions. 3rd MATER WORKSHOP, Rodas, Greece, 20th October 1998.
- “Mass Transfer and Ecosystem Response (MTEP-MATER): ¹³⁷Cs and ⁹⁰Sr modelling in the Mediterranean Sea”. International Symposium on Marine Pollution. Monaco, France, 10th-11th October 1998.
- “Long-term box modelling of water mass circulation in the Mediterranean Sea using ¹³⁷Cs as tracer”. WP2 Workshop, Second annual workshop. MATER Project. Perpignan, France, 29th-30th June 1998.

- “Long-term box modelling of water masses circulation using Radiotracers”. WP5 MATER Project Workshop, Barcelona, Spain, 15th-17th June 1998.
- “Long-term modelling in the Mediterranean Sea using radiotracers. Preliminary results for ¹³⁷Cs”. Mediterranean Sea Modelling, Villefranche-Sur-Mer, France, 24-29th October 1997.



| MAIN RESEARCH PROJECTS

- “European Network of Political Ecology. ENTITLE”. Commissioned by the European Commission, within the Marie Curie Training Network. April 2012 - 2015.
- “Environmental Governance in Latin America and Caribbean. ENGOV”. Commissioned by the European Commission. January 2011 - 2014.
- “Análisis y propuestas de actuación para la resolución de conflictos socio-ambientales pesqueros en Centroamérica” (Analysis and Action Proposals for resolution of socio environmental fishing conflicts in Central America). Commissioned by the Instituto Catalán Internacional de la Paz. January 2010 - February 2011.
- “Búsqueda y análisis de indicadores socioeconómicos internacionales para evaluar el grado de soberanía alimentaria de un país o región” (Research and development of socio-economic indicators to evaluate food sovereignty level at an international scale). Commissioned by the AECID, Spanish International Development Agency. March 2008 - June 2009.
- “¿Cómo puede la administración pública introducir esquemas administrativos para decrecer las inequidades ambientales en Cataluña?” (How can the public administration introduce administrative schemes to decrease environmental inequities in Catalonia?). Commissioned by AGAUR - University and Research Agency of Catalonia. January 2007 - December 2009.
- “Indicadores locales de Sostenibilidad” (Local sustainability indicators). Commissioned by the Public Administration School of Catalonia. October 2005 - March 2006.
- “Observatorio de la Deuda en la Globalización” (Observatory on Debt in Globalisation). Commissioned by the Catalan Agency of Cooperation. January 2005 - December 2006.
- “Indicadores de Sostenibilidad. Estudio del Environmental Sustainability Index”. (Sustainability indicators. Analysis of The Environmental Sustainability Index). Commissioned by the Generalitat de Catalunya. February 2003 - May 2003.
- “Integración del análisis de flujos de materia y energía en el análisis multicriterial” (Integrating materials and energy flows analysis into multicriteria analysis). Commissioned by the Science and Technology Ministry. 2001 - 2002.



| MAIN CONSULTANCY PROJECTS

- Implementation of Barcelona’s blue economy strategy. Barcelona Regional | - 2021.
- Fishing and the marine environment in the Spanish Mediterranean. Barcelona University | 2020 - 2021.

- Analysis of the situation and potential of the blue economy in Barcelona. Barcelona Regional | 2020.
- Socio-ecological vulnerability to the impacts of climate change in Cap de Creus and Baix Empordà. Department of Environment and Housing, Government of Catalonia | 2020.
- Mediterranean Fisheries Restricted Areas. MedReAct | 2019 - 2020.
- External evaluation of the Global Ghost Gear Initiative. Consultoria Baobab | 2019.
- Consultant for the Pew Charitable Trust, project: “End overfishing in North Western Waters”. Since march 2014.
- Coordination of the Journal “Ecología política”. Coordination since 2006 of the International Journal “Ecología Política” (www.ecologiapolitica.info).
- Political Coordinator of the Spanish Coalition for the Common Fisheries Policy reform OCEAN2012. From May 2010 to May 2014.
- Beyond our backyards (www.agroecol.eu). European project focused on promoting new agricultures. 2011-2012.
- Project “Sistema alimentario y energía, estudio de la interrelación entre pesca y energía” (Food System and Energy: Study of the connection between fishing and energy). Autonomous University of Barcelona (UAB). 2011.
- Independent evaluation report of the “epidemiological study into cancers in Gibraltar”. In collaboration with the group of health inequalities of the Pompeu Fabra University. 2011.
- “Propuestas de actuación para la resolución de conflictos socioambientales pesqueros en Centroamérica” (Action Proposals for resolution of socio environmental fishing conflicts in Central America). Project focused on environmental and social conflicts from aquaculture in Central America. Commissioned by the Instituto Catalan por la Paz. 2010.
- “La pesca española en Centroamérica” (Spanish fishing activities in Central America). Commissioned by Vets Without Borders. 2009.
- “Intereses económicos españoles en las negociaciones comerciales Europa-África. La pesca en Senegal como ejemplo” (The Spanish economic interests in the European-African trade agreements. The Senegal fisher interests as an example). Commissioned by SETEM. 2009.
- “Indicadores internacionales de soberanía alimentaria” (International indicators of food sovereignty). Commissioned by the Agencia Española de Cooperación Internacional. 2009.
- “Impacto de los tratados de libre comercio en el sector agropecuario en la zona de los grandes lagos (República Democrática del Congo y Uganda)” (Analysis of the impacts of FTA -free trade agreements- on the agriculture and fishing sectors in the area of the Great Lakes - Africa). Commissioned by Vets Without Borders. 2008.
- “Equidad ambiental en Cataluña: marco conceptual, aplicabilidad y diagnosis” (Environmental justice in Catalonia: conceptualization and enforceability). Commissioned by the Generalitat de Catalunya. 2007.
- “Equidad ambiental en Barcelona”. (Environmental justice in Barcelona). Commissioned by the Barcelona City Council. 2006.

- “Gestión de residuos de aparatos eléctricos y electrónicos (raee)” (Possible alternatives for waste collection of electric and electronic equipment for the third sector in Catalonia). Commissioned by the Organisation Solidança. 2005.
- “Proyecto evaluación y propuestas de mejora para la implantación de sistemas de indicadores ambientales para la sostenibilidad local” (Assessment and proposals for the implantation of Local Sustainability Indicators Systems). Commissioned by the Diputació de Barcelona. 2005.
- “Introducción de criterios sociales en las ordenanzas fiscales de Terrassa”. (Introduction of social criteria on Terrassa’s fiscal ordinances). Commissioned by the Association for Integration of Terrassa ALEI. 2004.
- “Mediterranean Targeted Project-II. Mass Transfer and Ecosystem Response (MTPII-MATER)”. Commissioned by the CICYT nº =Comission of European Communities, MAST-II, MAS3-CT96-0051. 1996 - 1999.



| OTHER

- From March 2006 to 2015: Coordinator of the international journal on environment politics “Ecología Política”. More information: www.ecologiapolitica.info
- From May 2010 to May 2014: Political Coordinator of the Spanish campaign on the Common Fisheries Policy reform OCEAN2012 www.ocean2012.eu
- February 2004 - December 2006: Responsible of the Environmental area of the Debtwatch research group in the UNESCO research centre of Sustainability in the Polytechnic University of Barcelona (UPC).