



Charlène KERMAGORET

PhD in Economics

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Research area: Ecological economics - Environmental economics - Coastal management

Key-words: Interaction between biodiversity conservation and development - Ecosystem services assessment - Marine and coastal uses impacts - Biodiversity offsets - Quantitative and qualitative methods - Marine Renewable Energy

ACADEMIC POSITIONS

Since Sept. 2015 - Post-doc in environmental and natural resources economics - IFREMER (French Research Institute for Exploitation of the Sea)

Principal investigator and lead author for the coastal and marine working-group of the French National Assessment of Ecosystems and Ecosystem Services (EFESE national program)

Oct. 2014 - Mar. 2016 - Tutor of the distance course "Introduction to Environmental Economics and Natural Resources", digital Campus ENVAM, Rennes 1 University

EDUCATION

2014 - PhD in Economics – Highest honors - Doctoral School of Marine Science - France

Thesis title: «Compensation for social and ecological impacts of development project: acceptance, perceptions and preferences of local stakeholders. Application of the projected offshore wind farm of the Bay of Saint-Brieuc»

Supervisors: Pr. Harold LEVREL (AgroParisTech) and Dr. Antoine CARLIER (IFREMER)

2011 - MSc in Marine and Coastal Sciences - Expertise and Management of the Coastal Environment specialization – European Institute of Marine Sciences, France

2009 - BSc in Biology - University of Western Brittany, France

PUBLICATIONS

Kermagoret C., H. Levrel, A. Carlier, J. Dachary-Bernard (in press) *Individual preferences regarding environmental offset and welfare compensation: a choice experiment application to an offshore wind farm project.* Ecological Economics.

Kermagoret C., H. Levrel, A. Carlier, A. Ponsoero (2016) *Stakeholder Perceptions of offshore wind power: a fuzzy cognitive mapping approach.* Society and Natural Resources 29(8) pp916-931

Kermagoret C., H. Levrel, A. Carlier (2015) *La compensation au service de l'acceptabilité sociale : un état de l'art des apports empiriques et du débat scientifique dans un contexte de transition énergétique.* Vertigo – la revue électronique en science de l'environnement 15(3).

Kermagoret C., H. Levrel, A. Carlier (2014) *The impact and compensation of offshore wind farm development: analysing the institutional discourse from a French case study.* Scottish Geographical Journal 130(3) pp.188-206

CHAPTERS OF BOOKS

Kermagoret C., H. Levrel, A. Carlier (2015) *Evaluer les perceptions et les préférences des acteurs du territoire : des outils au service de la compensation,* in Levrel H., Frascaria-Lacoste N., Hay J., Martin G. (eds), *Restaurer la nature pour atténuer les impacts du développement. Analyse des mesures compensatoires pour la biodiversité,* Editions QUAE. pp.260-274

Kermagoret C., H. Levrel, A. Carlier (2013) *Discours institutionnel autour des impacts et des compensations associés au développement des parcs éoliens offshore en France : application au projet de la baie de Saint-Brieuc.* in Gueguen G., Levrel H., (eds.), *Les énergies marines renouvelables : enjeux juridiques et socio-économiques,* Editions A. Pedone, pp.195-215.

TALKS IN INTERNATIONAL CONFERENCES

Kermagoret C., H. Levrel, A. Carlier (2013) *Perceptions of offshore wind farm impacts to design compensations: a cognitive mapping approach applied to a French case study.* Conference on Wind Power and Environmental Impacts, Stockholm (Sweden) February 5-7, 2013.

Kermagoret C. (2013) *Using the choice experiment method for assessing social and environmental compensations: an application to a French offshore wind farm project.* PhD Workshop with prof. William Greene - Danish Choice Modeling Day, Odense (Denmark) December 18-19, 2013.

Kermagoret C., H. Levrel, A. Carlier (2013) *Perceived impacts on Ecosystem Services and expected compensations in the context of Marine Renewable Energy: A fuzzy cognitive mapping approach.* 10th biennial conference of the European Society for Ecological Economics, Lille (France) June 18-21, 2013.

Kermagoret C., H. Levrel, A. Carlier (2012) *Perceptions of impacts and compensations associated to marine renewable energy projects*. RGS-IBG annual international conference, Edimbourg (Scotland) July 3-5, 2012.

TALKS IN NATIONAL CONFERENCES

Kermagoret C., H. Levrel, A. Carlier, J. Dachary-Bernard (2015) *Assessing local stakeholders' preferences for compensation in a development context: a latent class analysis applied to the offshore wind farm project of the Bay of Saint-Brieuc (France)*. Annual Meeting of the French Economic Association - AFSE, Rennes (France) 22-24 juin 2015.

Kermagoret C., H. Levrel, A. Carlier (2015) *Le recours aux services écosystémiques pour définir la compensation dans un contexte de projet éolien offshore : intérêts et limites*. 52^{ème} colloque de l'Association de Science Régionale de Langue Française (ASRDLF), Montpellier (France) 7-9 juillet 2015.

Kermagoret C., H. Levrel, A. Carlier (2014) *Stakeholders' acceptance and preferences for territorial compensation in an economic development context: application to the projected offshore wind farm of the Bay of Saint-Brieuc (Brittany, France)*. 1ère conférence annuelle de la FAERE (French Association of Environmental and Resource Economists, Montpellier (France) 11-12 Septembre 2014.

Levrel H., **C. Kermagoret**, A-C. Vaissière (2012) *Les mesures compensatoires et EMR en France : un premier état de la situation*. Symposium Les énergies marines renouvelables: enjeux économiques et juridiques, Semaine internationale des sciences et technologies de la mer, Brest (France) 10-11 Octobre 2012.

SCIENTIFIC AND ACADEMIC ACTIVITIES

2016 - Session co-host "Informing marine and coastal policy using ecosystem service assessments: evidence from real world applications" (Hosts: Evangelia Drakou and Camino Liquele) - European Ecosystem Services 2016 conference "Helping nature to help us I" - Univeristy of Antwerp, Belgium - 19-23 September 2016

2016 - Co-organizator of the workshop "Young researchers to senior researchers: let's meet!" - MSEAS 2016 symposium - Brest - May 30 - June 3, 2016

2014-2015 - Member of the working group entitled "Wind power: social acceptability and barriers to development" - "R&Dialogue" European project.

2012-2015 - Member of VALMER project - Valuing Marine Ecosystem Services in the Western Channel. Interreg IV A France (Manche) - England Program.

2012 - Animator of a « Sciences-Society » multidisciplinary workshop with a group of M.Sc. students in Marine and Coastal Sciences, European Institute of Marine Science – Co-construction of a role playing game entitled "Marine Renewable Energy and coastal socio-ecosystems: What implications? What compromises?"

+ **Student supervisions** (4 internships between 2013 and 2016)

+ **Referee in peer-reviewed Journal** (Marine Policy - Journal of Environmental Planning and Management - Society & Natural Resources - Géographie, Economie et Société)

Spoken languages:

French (native tongue)

English (CLES B2)

Spanish (intermediate skills)

Planned learning Danish

Computer skills:

Statistics and data analysis: **SAS - NLogit - XLSTAT - R**

Specialized software for sizing ecological offsets: **Visual HEA**

Geographic Information System: **ArcGis - QGis**

Cognitive map analysis: **FreeMind**

Survey creation: **Sphinx**

Office systems: **MS Office - OpenOffice - Adobe Illustrator - LaTeX**
