

Research Student Information

Name	Ms Marta De Olazabal	
PhD Title	Sustainable urban development in times of climate change.	
Project information	Research is on processes and tools to stimulate urban resilience to grand challenges such as climate change, peak oil and population growth. Acknowledging humanity and urban areas as drivers of unsustainable paths, and the role of ecosystems, the study defines the necessary conditions of urban resilient sustainability and addresses these through Basque case studies. The aim is to establish urban transition processes towards more sustainable lifestyles, economies and planning.	
Supervisor	Dr Unai Pascual (EEP)	
Website	http://www.researcherid.com/rid/C-3027-2008 http://www.researchgate.net/profile/Marta_Olazabal/	

Short Bio

Marta Olazabal has a background in chemical engineering (School of Engineering of Bilbao, Spain, 1999-2004) and obtained an MSc in Environmental Engineering (2008) at the same university. From 2004, she has been enrolled in different research institutes in the Basque Country (Spain) and has undertaken short scientific stays in Germany (IÖR, Dresden), Netherlands (IVAM, Amsterdam) and UK (University of Newcastle, School of Civil Engineering & Geosciences, Newcastle upon Tyne). She has participated in research projects and work on proposals at European (7FP, Interreg IIIC, Life+, networking actions such as European Cost Action ...), national (Spanish R+D National Plans), regional (ETORTEK and EMAITEK Basque programmes) local (public and private funding) levels. Currently Marta Olazabal is PhD student in the Department of Land Economy of the University of Cambridge (UK) and member of the Sustainability and Global Decarbonisation Research Group of the 4CMR (Centre for climate change mitigation research). Her main fields of interest are sustainable spatial planning, urban ecological and technological services management, urban resilience and adaptation to climate change and resource scarcity. Marta is currently researching on urban transformability to resilient sustainability.

Selected publications (journals, books...)

D. Reckien, R. Dawson, J. Flacke, O. Heidrich, A. Foley, M. Olazabal, A. Hamann, H. Orru, M. Salvia, S. De Gregorio Hurtado, D. Geneletti, F. Pietrapertosa. *Forthcoming*. Urban leadership of climate change responses. *Submitted*.

- Chelleri, L., Olazabal, M. (eds.) 2012. Multidisciplinary perspectives on Urban Resilience: A workshop report. Basque centre for Climate Change (BC3), Bilbao, p. 100.
- Olazabal, M., Feliu, E., Herranz-Pascual, M.K., Abajo, B., González-Aparicio, I., Simón-Moral, A., Alonso, A., 2012. Climate Change Adaptation Plan of Vitoria-Gasteiz, Spain, in: Otto-Zimmermann, K. (Ed.), Resilient Cities 2: Cities and Adaptation to Climate Change Proceedings of the Global Forum 2011. Springer, pp. 335-347.
- Olazabal, M., Feliú, E., Izaola, B., Pon, D., Pooley, M., Alonso-Martin, M., Castillo, C., 2011. Local Strategies for Climate Change Adaptation: Urban Planning Criteria for Municipalities of the Basque Country, Spain, in: Otto-Zimmermann, K. (Ed.), Resilient Cities: Cities and Adaptation to Climate Change - Proceedings of the Global Forum 2010. Springer, pp. 253-263.
- Garmendia, E., Gamboa, G., Franco, J., Garmendia, J.M., Liria, P., Olazabal, M., 2010. Social multi-criteria evaluation as a decision support tool for integrated coastal zone management. *Ocean & Coastal Management* 53, 385-403.
- Olazabal, M., Garcia, I., Garcia, G., Abajo, B., Herranz, K., Alonso, A., Feliu, E., Izaola, B., Aspuru, I., Coloma, O.S., 2009. Flows, drivers, services and functions and urban typologies: an integrated approach for the analysis of urban eco-systems, *Sustainable City V: Urban Regeneration and Sustainability*, pp. 183-192.
- Santa-Coloma, O., Olazabal, M., García, G., Feliú, E., 2009. Metabolismo urbano y dinámica territorial, in: Urrutia, V., Zubero, I., Izaola, A., de la Peña, A. (Eds.), *Las Dimensiones Sociales de la Ciudad*. Servicio Editorial de la Universidad del País Vasco, Bilbao, pp. 159-175.
- Urzelai, A., Olazabal, M., Garcia, G., Coloma, O.S., Herranz, K., Abajo, B., Acero, J.A., Feliu, E., Aspuru, I., 2007. Modelization of a "urban rural" territorial system by sustainability evaluation. Use of a zone representative of the Basque country. *Dyna* 82, N51-N58.

Other relevant activities

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Organization of the ***First International Workshop on Urban Resilience: How to apply resilience thinking to urban environments***. Barcelona, 18-19th November 2011. The workshop was organized by Lorenzo Chelleri (Universidad Autónoma de Barcelona, INTERFASE group) and Marta Olazabal and hosted by the Master Programme in Landscape Intervention and Management at the Barcelona City History Museum (MUHBA).

Member and co-funder of the **Urban Resilience Young Researchers Network (URBNet)**. URL: <http://urbanresiliencenetwork.blogspot.com/>