

| **SERGIO SASTRE SANZ**

| **EXPERIÈNCIA LABORAL**

- Abril 2015-Act. ENT. Consultor i investigador.
- 2011-2014 - Tècnic d'investigació a l'Institut de Ciències del Mar (CSIC) lligat al Projecte Europeu VECTORS.
- 2008-2011 - Tècnic d'investigació a l'Institut de Ciències del Mar (CSIC) lligat al Projecte Europeu SPICOSA.
- 2007 - Tècnic d'investigació a l'Institut de Ciència i Tecnologia Ambientals (ICTA) dins el projecte 'El metabolismo socioeconómico de la economía española. Un análisis interregional, 1995-2005'. Dirigit per Óscar Carpintero, Jordi Roca i Joan Martínez Alíer.
- 2006 - Tècnic d'investigació al Laboratori de sistemes ecològics i socials de la Universidad Autónoma de Madrid.
- 2005 - Pràctiques al Parc Nacional d'Aigüestortes.

| **FORMACIÓ**

- 2008-Act - Doctorant en Ciències Ambientals a la Universitat Autònoma de Barcelona.
- 2007 - Màster en Ciències Ambientals, especialitat Economia Ecològica a l'ICTA, Universitat Autònoma de Barcelona.
- 2001-2006 - Llicenciat en Ciències Ambientals a la Universidad Autónoma de Madrid.

| **IDIOMES**

- Castellà.
- Anglès.
- Català a nivell intermedi.

| **PRINCIPALS AREES D'EXPERTESA**

- Comptabilitat de fluxos materials a escala regional.
- Avaluació integrada.
- Valoració de serveis del ecosistemes.
- Petjada ecològica, hídrica i de carboni.

| PRINCIPALS PUBLICACIONS

- Carpintero, O., Lomas, Pedro L., Sastre, S. (2016) El metabolismo económico de las regiones españolas. Las regiones despobladas abastecen de materiales y energía a las más desarrolladas económicamente. *El Ecologista*, 87.
- Tomlinson, B., Maynou, F., Sabatés, A., Fuentes, V., Canepa, A., Sastre, S. (2015) Systems approach modelling of the interactive effects of fisheries, jellyfish and tourism in the Catalan coast. *Estuarine, Coastal and Shelf Science*.
- Puig, I., Jofra, M., Calaf, M., Sastre, S. (2015) “Estado actual de la fiscalidad ambiental en España y perspectivas de futuro” (cap. 6) a Adame Martínez, F. (director) *Fiscalidad ambiental en España: situación actual y perspectivas de futuro*. Aranzadi.
- Nunes PALD, Loureiro ML, Piñol L, Sastre S, Voltaire L, Canepa A. (2015) Analyzing Beach Recreationists’ Preferences for the Reduction of Jellyfish Blooms: Economic Results from a Stated-Choice Experiment in Catalonia, Spain. *PLoS ONE* 10(6): e0126681. doi:10.1371/journal.pone.0126681.
- Sastre, S., Carpintero, Ó., Lomas, P. 2015. Regional Material Flow Accounting and Environmental Pressures in Spain: the Role of Physical Trade at the Regional Scale. Oral Presentation at the 11th Bienial conference of the European Society for Ecological Economics. Leeds, UK.
- Sastre, S., Carpintero, Ó., Lomas, P. 2015. Agrofuels in Spain: land requirements, trade-offs and alternatives. Forthcoming.
- Sastre, S., Carpintero, Ó., Lomas, P. 2015. Exploring the role of Regional Material Flow Indicators within Multicriteria Assessment Frameworks. *Ecological Indicators*. Forthcoming.
- Carpintero (Dir), Sergio Sastre, Pedro Lomas, Iñaki Arto, José Bellver, Manuel Delgado, Xoán Doldán, Jaime Fernández, José Frías, Xavier Ginard, Ana C. González, Miguel Gual, Iván Murray, José Manuel Naredo, Jesús Ramos, Esther Velázquez, Sebastián Villasante. 2015. *El Metabolismo Económico Regional Español*. FUHEM.
- Sastre, S., Carpintero, Ó., Lomas, P. 2015. Regional Material Flow Accounting and Environmental Pressures: the Spanish Case. *Journal of Environmental Science and Technology*. In press.
- Nunes, P. Loureiro M., Piñol, L. Voltaire., Sastre, S., Canepa, A. 2015. Analyzing Beach Recreationist’s Preferences for the Reduction of Jellyfish Outbreaks: Economic Results from a Stated-Choice Experiment in Catalonia, Spain. *PLOS One*. In press.
- Delgado, M. Carpintero, Ó., Lomas, P., Sastre, S. 2015. Andalucía en la división territorial del trabajo dentro de la economía española. Una aproximación a la luz de su metabolismo socioeconómico 1996-2010. *Revista de Estudios Regionales*. 100.
- Voltaire, L. Loureiro, M., Nunes, P., Piñol, L., Sastre, S. 2015. Economic analysis of offshore wind farms project on coastal recreational demand: results from a mix revealed-stated behavior analysis for the Catalan coast. Forthcoming.

- Hattam, c., Atkins, J., Beaumont, N., Börger, T., Böhnke-Henrichs, A., Burdon, D., de Groot, R., Hoefnagel, E., Nunes, P., Piwowarczyk, P., Sastre, S., Austen, M. 2014. Marine Ecosystem Services: linking indicators to their classification. *Ecological Indicators*, 49.
- Tomlinson, B., Sastre, S., Blasco, D., Guillén, J., 2012. The Systems Approach Framework in the context of Resilience Adaptive Management and governance: A case study in the urban beaches of Barcelona. *Ecology And Society*, 16 (4).
- Sastre, S. Peguero, G., Lomas, P., Di Donato, M. 2008. Crítica y perspectivas de los AGRO(bio)combustibles: el caso de Cataluña en el contexto español. *FUHEM-Ecosocial*

| PRESENTACIONES A CONFERÈNCIES

- Voltaire, L. Loureiro, M., Nunes, P., Piñol, L., Sastre, S. Offshore windfarms and recreation demand for the Catalan Coast: a pooled revealed and stated trip behavior analysis. Oral presentation at the 2nd International Ocean Research Conference. November 2014. Barcelona, Spain.
- Sastre, S. Exploring the links between Industrial Ecology and Fisheries Science. Oral presentation at Ecosystem Approach to Fisheries in the Mediterranean and Black Seas meeting. April 2014. Barcelona, Spain.
- Sastre, S. 2013. Managing coastal ecosystem services in Catalonia: jellyfish blooms, wind-farms, and tourism. Oral presentation at the Symposium on Integrating New Advances in Mediterranean Oceanography and Marine Biology. November 2013. Barcelona, Spain.
- Canepa, A., Sastre, S., Piñol, L., Gonzalez, V. 2013. Thirty years of jellyfish blooms in Catalonia: Narratives and empirical evidences. Oral presentation at the Fourth International Jellyfish Bloom Symposium. July 2013. Hiroshima, Japan.
- Loureiro, M., Nunes, P., Piñol, L., Voltaire., Sastre, S. 2013. Analyzing beach recreationist's preferences for the reduction of jellyfish outbreaks: economic results from a stated-choice experiment in Catalonia, Spain. Oral presentation at the Fourth International Jellyfish Bloom Symposium. July 2013. Hiroshima, Japan.
- Gomez-Bagghetum E., Martín López, B., Lomas, P., Zorrilla, P., Sastre, S., Montes, C. 2006. Ecosystem services loss derived from land use homogeneization in Mediterranean multifunctional landscapes. Oral presentation at the Ninth Biennial Conference of Internacional Society of Ecological Economics, 'Ecological Sustainability & Human Well-Being. Delhi, India.