

CLARA LLEBOT LORENTE

CURRICULUM VITAE

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PERSONAL DETAILS

Work address :

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Date and place of birth : 5th of May 1983, Barcelona, Spain

EDUCATION

01/2006- 02/2011 Ph.D. at Institut de Ciències del Mar (Institute of Marine Sciences) in Barcelona, Spain. PhD program of oceanography by the University of Las Palmas de Gran Canaria and the Spanish National Research Council.

Advisers: Marta Estrada Miyares and Jordi Solé Ollé.

11/2007 Diploma de Estudios Avanzados (Advanced Studies Diploma) by the University of Las Palmas de Gran Canaria and the Spanish National Research Council (Consejo Superior de Investigaciones Científicas, CSIC).

09/2001- 06/2005 Degree in Environmental Sciences in Autonomous University of Barcelona, Spain. Graduated with honors.

Specialization: Environmental technology

PUBLICATIONS

- **C. Llebot**, J. Solé, M. Delgado, M. Fernández-Tejedor, J. Camp, M. Estrada (2011) Hydrographic forcing and phytoplankton variability in two semi-enclosed estuarine bays, *Journal of Marine Systems*, 86(3-4) 69-86, doi:10.1016/j.jmarsys.2011.01.004
- **C. Llebot**, Y. H. Spitz, J. Solé, M. Estrada, *The role of organic nutrients and dissolved organic phosphorus in the phytoplankton dynamics of a mediterranean bay. A modeling study*, *Journal of Marine Systems*, 83, 192-209. doi:10.1016/j.jmarsys.2010.06.009
- J. Solé, A. Turiel, M. Estrada, **C. Llebot**, D. Blasco, J. Camp, M. Delgado, M. Fernández-Tejedor, J. Diogène (2009), *Climatic forcing on hydrography of a Mediterranean bay (Alfacs bay)*, *Continental Shelf Research* 29 (2009) 1786-1800. doi:10.1016/j.csr.2009.04.012
- Nieves, V., **C. Llebot**, A. Turiel, J. Solé, E. García-Ladona, M. Estrada, and D. Blasco (2007), *Common turbulent signature in sea surface temperature and chlorophyll maps*, *Geophys. Res. Lett.*, 34, L23602, doi:10.1029/2007GL030823.

ORAL COMMUNICATIONS AND CONFERENCES

- **C. Llebot**, Y. H. Spitz, J. Solé, M. Estrada. *The role of dissolved organic phosphorus and sediment resuspension in the phytoplankton dynamics of Alfacs Bay (Mediterranean Sea). A modeling study.* 2010 Ocean Sciences Meeting. 2010, February, Portland, USA.
- J. Solé, A. Turiel, M. Estrada, **C. Llebot**, D. Blasco, J. Camp, M. Delgado, M. Fernández-Tejedor, J. Diogène *Relaciones entre variables meteorológica e hidrográficas en la bahía dels Alfacs (Mediterráneo nor-occidental).* XV Seminario Ibérico de Química Marina, 22-24 February 2010, Vigo, Spain.
- **C. Llebot**, Y. H. Spitz, J. Solé, M. Estrada. *Modeling the seasonal behavior of two functional groups of phytoplankton in a Mediterranean bay.* GEOHAB Modeling Workshop 2009. Martin Ryan Institute, National University of Ireland; Galway, Ireland.
- **C. Llebot**, F. J. Rueda, J. Solé, M. Estrada. *Stratification and mixing dynamics in a Mediterranean estuarine bay. A cruise through Nice waters.* Advancing the Science of Limnology and Oceanography; 2009, January, Nice, France.
- **C. Llebot**, M. Delgado, A. Turiel, M. Fernández-Tejedor, J. Diogène, J. Camp, J. Solé, M. Estrada. *Coupling phytoplankton and hydrography in Alfacs Bay using Principal Component Analysis and Empirical Mode Decomposition.* European Geosciences Union. General Assembly. 2008, April, Vienna.
- **C. Llebot**, M. Delgado, A. Turiel, J. Diogène, J. Camp, M. Fernández-Tejedor, J. Solé, M. Estrada. *Relación entre series temporales de fitoplancton y la hidrografía en la bahía de los Alfacs usando Análisis de Componentes Principales y la Empirical Mode Decomposition.* IFAPA, Jornadas Técnicas sobre Variabilidad en las comunidades fitoplanctónicas de ecosistemas costeros y marinos. 2008, March, Huelva.
- V. Nieves, **C. Llebot**, A. Turiel, J. Solé, E. García-Ladona, J. Font, M. H. Río, G. L. Larnicol. *Operational perspectives of the Microcanonical Multifractal Formalism on remote sensing data.* MERSEA 4th Annual Meeting. 2007, April, Roma (Italy).
- A. Turiel, V. Nieves, **C. Llebot**, J. Solé, E. García-Ladona, M.H. Río, G. Larnicol. *Geometrical multifractal signature in remote sensing data of the ocean and its connection with universal cascade processes.* 39th International Liège Colloquium on Ocean Dynamics And 3rd Warnemünde Turbulence Days. 2007, May Liège (Belgium).
- E. García-Ladona, J. Salat, E. del Río, A. Julià, O. Chic, J. Font, A. Orfila, A. Alvarez, G. Basterretxea, G. Vizoso, O. Piro, J. Tintore, S. Castanedo, M. Gil Coto, J. L. Herrera, **C. Llebot**. *The use of surface drifting floats in the monitoring of oil spills. The Prestige Case.* Vertimar, Symposium on Marine Accidental Oil Spills. 2005, July, Vigo (Spain).

FIELD EXPERIENCE

17–25 Oct 2008 Field work in Alfacs bay. Boat: Itxasbide.

24 Aug–2 Sep 2008 Oceanographic cruise on the Pacific Oregonian Coast. Ship: Wecoma. Cruise chief: Timothy J. Cowles. Oregon State University.

GRANTS AND FELLOWSHIPS

- 01/2010–12/2011 Grant of La Fundación Caja Madrid for graduate students. Research project.
- 01/2006–12/2009 I3P Ph.D Fellowship of the Consejo Superior de Investigaciones Científicas (CSIC)
- 09/2005–12/2005 CSIC Undergraduate introduction to research fellowship. Mediterranean Institute for Advanced Studies (IMEDEA), CSIC, Palma de Mallorca, Spain.
- 12/2004–06/2005 Fellowship of collaboration with the geology department of the Autonomous University of Barcelona (given by the Spanish Science and Education Ministry)
- 07/2004–09/2004 CSIC Undergraduate introduction to research fellowship. Institute of Marine Sciences, CSIC, Barcelona, Spain.

STAYS

- 01/2010–present College of Oceanic and Atmospheric Sciences, in Oregon State University. Corvallis, Oregon, USA. Adviser: Yvette H. Spitz.
- 02/2009–06/2009 College of Oceanic and Atmospheric Sciences, in Oregon State University. Corvallis, Oregon, USA. Adviser: Yvette H. Spitz.
- 05/2008–08/2008 College of Oceanic and Atmospheric Sciences, in Oregon State University. Corvallis, Oregon, USA. Adviser: Tim J. Cowles.
- 03/2007–05/2007 Water Institute, University of Granada, Granada, Spain. Adviser: Francisco Rueda.
- 09/2005–12/2005 Mediterranean Institute for Advanced Studies (IMEDEA), CSIC, Palma de Mallorca, Spain. Adviser: Joaquim Tintoré

LANGUAGES AND OTHER SKILLS

Language	Speak	Read	Write
Spanish native	Correct	Correct	Correct
Catalan native	Correct	Correct	Correct
English TOEFL Internet based. Score:109 (Jan 2009)	Correct	Correct	Correct
French DELF 1	Low	Low	Low

Computing knowledge \LaTeX
Programming in Interactive Data Language (IDL).
Programming in Matlab
Basics of programming in Fortran
Basics of HTML and CSS.