

BOURLES Yves Ph.D. student in Marine Biology

Civil state

Date of birth: 30th of January 1980

Nationality: French

Professional situation: 2nd year Ph.D. (2004-2007) at IFREMER

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Yves.Bourles@ifremer.fr

Education

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| Dec.2004 – Dec.2007 | Ph.D. position in marine biology at the French Research Institute for the Exploitation of the Sea (IFREMER). |
| Feb.- April 2005 | Third international tele-course on the Dynamic Energy Budget theory, Vrije Universiteit Amsterdam (mark 8/10). |
| 2003 - 2004 | Master graduation with speciality in Aquatic Biology. Rennes University, France. |
| 2002 –2003 | Maîtrise (1 st year of Master equivalent) “Ecosystems and Populations Biology for Marine Organisms”. European Institute for Marine Sciences (IUEM). Western Brittany University, Brest, France. |
| 2001-2002 | Bachelor (3 rd year of university) in Biology of Organisms and Marine Biology. University of Western Brittany, Brest, France. |
| 2000-2001 | Professional Bachelor “Sea food production and valorization”. National Institute of Marine Sciences and Technologies (INTECHMER) & Caen University, Cherbourg, France. |
| 1998-2000 | Diploma of Technical Processes in Marine Sciences. INTECHMER / C.N.A.M., Cherbourg, France. |

Research Experience

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| Dec.2004 – Dec. 2007 | <p>Ph.D. project on the ecophysiology of the Pacific oyster <i>Crassostrea gigas</i>, at IFREMER.</p> <p>“ Conception and application of a generic model of growth and reproduction of the Pacific oyster <i>Crassostrea gigas</i>. ”</p> <p>Keywords: <i>Crassostrea gigas</i>, ecophysiology, energetics, Dynamic Energy Budget (DEB) theory, modeling, feeding, reproduction.</p> <p>Supervisors: P. Goulletquer, M. Alunno-Bruscia and S. Pouvreau.</p> <p>Dutch collaboration: H. van der Veer & J. van der Meer (Royal Netherlands Institute for Sea Research, NIOZ) , S.A.L.M. Kooijman (Vrije Universiteit Amsterdam).</p> |
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| Jan. - Sept. 2004 | Graduation project at IFREMER. “ Study of the energetics of the gametogenesis of Pacific oyster spat <i>Crassostrea gigas</i> , reared under three different food level. ” Supervisors: M. Alunno-Bruscia and S. Pouvreau. |
| Feb. – May 2003 | Images analysis at IFREMER. “ Study of the gametogenesis of two oyster families genetically different (“resistant” or “sensitive” to summer massive mortalities). ” Supervisor: S. Pouvreau. |
| June – July 2002 | European Socrates Summer courses, Museum of Natural History, marine station at Concarneau, France: laboratory experiments on the ecophysiology of the macroalgae. : V. Stiger (IUEM). |
| April – Sept. 2000 | Aquaculture technician at <i>France-Turbot</i> 22, Trédarzec, France. Subject: Optimization of turbot breeding in seawater recycling systems, test of three innovating food. Supervisor: B. Lebot. |

Publications, Reports & Communications

- Pouvreau, S., **Bourles, Y.**, Lefebvre, S., Gangnery, A., Alunno-Bruscia, M., 2006. Application of a dynamic energy budget model to the Pacific oyster *Crassostrea gigas*, reared under various environmental conditions. *Journal of Sea Research* **56**, in press.
- **Bourles, Y.**, Pouvreau, S., Maurer, D., Gangnery, A., Alunno-Bruscia, M., 2006. A Dynamic Energy Budget model to simulate the growth and reproduction of the Pacific oyster *Crassostrea gigas* reared under various environments. Poster presentation, AQUA 2006 conference of the World Aquaculture Society, Firenze, Italia, 9-13 of May 2006.
- **Bourles, Y.**, Pouvreau, S., Gangnery, A., Lefebvre, S., Alunno-Bruscia, M., 2005. A Dynamic Energy Budget model to simulate the growth and reproduction of the Pacific oyster *Crassostrea gigas* reared under various environments: First results. Oral presentation, 8th International Conference on Shellfish Restoration (ICSR), Brest, France, 5-8 of October 2005.
- **Bourles, Y.**, 2004. Ecophysiology of the Pacific oyster *Crassostrea gigas*: bio-energetic analysis of the gametogenesis of one-year-old oysters reared under three different food conditions. Graduation report, IFREMER, Rennes University, September 2004.

Other Skills

Languages: French: mother tongue
 English: fluent. (TOEIC: 806 / 990).
 Spanish: intermediate.

Computer skills: Windows® environments and Office tools (Word, Excel, PowerPoint),
 Statistical & mathematical analysis (XLStats®, Statgraphics),
 Modeling (STELLA®, Matlab®).

Hobby's: Marine environments (biology, general sciences, climate, shore hiking),
 Sailing (windsurfing, traditional sailing on old boats) & scuba-diving.

Driver License, High seas navigation License, First Aid Certificate.