

Presentation

Name: Cátia Isabel Moura da Silva

Birth date and place: Évora, 25th April 1985

Nacionality: Portuguese

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Academic qualifications

- Degree in Marine Biology and Biotechnology, Speciality of Aquaculture/ Fisheries, by the Escola Superior de Tecnologia do Mar - Instituto Politécnico de Leiria, with a mean of 12 in 20 (29th January 2007);
- Masters in Integrated Studies of the Oceans by the Departamento de Oceanografia e Pescas da Universidade dos Açores and Escola Superior de Tecnologia do Mar - Instituto Politécnico de Leiria, Speciality in Biochemical Compounds, final classification of Very Good (9th December 2009);

Scientific Activities:

Conferences and cruises:

- C3P and NASA Technical Workshop 2007 "Partening of Energy and Environmental Stewardship", organized by Escola Superior de Tecnologia do Mar - Instituto Politécnico de Leiria in Peniche, between 7th and 9th November 2007;
- ICES Deep-Sea Symposium 2009 "Issues Confronting the Deep-Oceans: The Economic, Scientific and Governance Challenges and Opportunities of Working in the Deep-Sea", organized by Department of Oceanography and Fisheries - University of Azores and USA, NOAA Fisheries Service, in Horta, Faial, between 27th and 30th April 2009;
- Oceanographic cruise "Bathyluck 2009" organized by IFREMER, between 8th and 28th September 2009;

- IMMR 2009 "International Meeting on Marine Resources 2009" organized by Escola Superior de Tecnologia do Mar - Instituto Politécnico de Leiria in Peniche, between 16th and 18th November 2009.

Field of Expertise:

- Marine Biology and Biotechnology, Speciality of Aquaculture/ Fisheries;
- Integrated Studies of the Oceans - Marine Sciences and Oceanography;
- Biochemical composition of hydrothermal mussels;
- Hydrothermal vent fields.

Other Dominions:

- Biological:
 - Physiology and Ecology;
 - Maintenance of marine species in captivity;
 - Biochemistry of marine animals;
- Fisheries:
 - Assessment of artisanal fisheries.
- Informatics:
 - Microsoft Windows XP, Vista and 7;
 - Microsoft Office 2003 and 2007;
 - SPSS and Statistica.

Research Fields of Interest:

- Evaluation of adaptations carried by hydrothermal mollusks;
- Evaluation the effect of environmental and nutritional factors in biochemical composition of hydrothermal mussels;
- Research of metabolism of the European cuttlefish.

Spoken Languages:

- Portuguese - Excellent
- English - Medium speaking and writing
- Spanish- Medium speaking and writing
- French- Limited speaking and writing

Publications

a) Thesis

Silva, C. (2007), “Caracterização das capturas obtidas pelas embarcações de pesca local no Porto de Pesca de Matosinhos”, Relatório de Estágio do curso de Licenciatura em Biologia Marinha e Biotecnologia, Escola Superior de Tecnologia do Mar - Instituto Politécnico de Leiria, Peniche.

Silva, C. (2009), “Variação das Condições Bioquímicas dos mexilhões hidrotermais, *Bathymodiolus azoricus*, em diferentes condições experimentais”, Dissertação apresentada ao Departamento de Oceanografia e Pescas da Universidade dos Açores para obtenção do grau de Mestre em Estudos Integrados dos Oceanos.

b) Communications in Conferences

Silva, C., Lopes, H. and Colaço, A. (2009), “Variation of biochemical composition in hydrothermal mussels from different experimental conditions” ., Poster presented at the International Meeting on Marine Resources, Peniche - Portugal, November 2009.