

## Curriculum Vitae

Joana Cardoso was born on the 6<sup>th</sup> November 1975 in Porto, Portugal. In 1993 she began studying Biology at the Faculty of Sciences from Porto University. In July 1998 she obtained her Licentiate degree in Biology, with specialisation in Applied Animal Biology. Soon after, in October 1998, she started a practical period of 9 months at the Royal Netherlands Institute for Sea Research (NIOZ). She worked on the food conversion efficiency in shrimps and on the resistance to low temperatures of various benthic invertebrate species of the North Sea. In July 1999 she started another practical period of 1 year at the NIOZ, working on the distribution and abundance of benthic and epibenthic organisms in the Frisian Front, North Sea. In September 2000, she was granted a 4-year scholarship from the Portuguese Science Foundation to do her PhD at the NIOZ, where she has been until now. The results from these years are documented in this thesis. In addition, from March 2005 until August 2006 she worked as a technician at the NIOZ, first on the molecular identification of bivalve larvae, then on the molecular identification of bacteria and archaea associated to sponges and later on the identification of benthos from sediment samples. Recently she has been awarded a 3-year post-doctoral scholarship from the Portuguese Science Foundation to work on the biochemistry of shells for age determination in different bivalve species along the European coast. This project is a collaboration between CIIMAR in Porto and the NIOZ and will start in October this year.

## Publications

- Cardoso, J.F.M.F., Witte, J.IJ., Van der Veer, H.W., in press. Habitat related growth and reproductive investment in estuarine waters, illustrated for the tellinid bivalve *Macoma balthica* (L.) in the western Dutch Wadden Sea. *Mar. Biol.* DOI: 10.1007/s00227-007-0774-1.
- Cardoso, J.F.M.F., Dekker, R., Witte, J.IJ., Van der Veer, H.W., 2007. Is reproductive failure responsible for reduced recruitment of intertidal *Mytilus edulis* L. in the western Dutch Wadden Sea? *Senckenberg. Mar.* 37, 83-92.
- Cardoso, J.F.M.F., Langlet, D., Loff, J.F., Martins, A. R., Witte, J.IJ., Santos, P.T., Van der Veer, H.W., 2007. Spatial variability in growth and reproduction of the Pacific oyster *Crassostrea gigas* (Thunberg, 1793) along the west European coast. *J. Sea Res.* 57, 303–315.
- Cardoso, J.F.M.F., Witte, J.IJ., Van der Veer, H.W., 2007. Growth and reproduction of the bivalve *Spisula subtruncata* (da Costa) in Dutch coastal waters. *J. Sea Res.* 57, 316-324.
- Van der Veer, H.W., Cardoso, J.F.M.F., Van der Meer, J., 2006. The estimation of DEB parameters for various Northeast Atlantic bivalve species. *J. Sea Res.* 56, 107-124.
- Cardoso, J.F.M.F., Van der Veer, H.W., Kooijman, S.A.L.M., 2006. Body size scaling relationships in bivalves: a comparison of field data with predictions by Dynamic Energy Budgets (DEB theory). *J. Sea Res.* 56, 125-139.
- Cardoso, J.F.M.F., Witte, J.IJ., Van der Veer, H.W., 2006. Intra- and interspecies comparison of energy flow in bivalve species in Dutch coastal waters by means of the Dynamic Energy Budget (DEB) theory. *J. Sea Res.* 56:182–197
- Cardoso, J.F.M.F., Van der Meer, J., Van der Veer, H.W., 2001. Interspecies comparison of energy flow in some North Atlantic bivalve species by means of dynamic energy budgets. *ICES CM* 2001/J:43, 20 pp.

