



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **TORRES LÓPEZ SILVIA**

Address(es) C/ SANTA TEGRA N° 14 1° B CP: 36204

Telephone(s) (34) 986 24 70 47 Móvil: (34) 626 93 88 78

Fax(es) (34) 986 29 60 19

E-mail Laboral: storres@cetmar.org

Nationality Española

Date of birth 30/01/1972

Gender Mujer

Work experience

Dates Nov. 2008

Occupation or position held Marine Technological Unit Manager

Main activities and responsibilities Coordination of the Marine Technological Unit:
Development of marine technology in the framework of different projects.
Marine environmental monitoring. Installation and maintenance of meteo-oceanographic observation networks.
Service and Project management.

Name and address of employer CETMAR. Rúa Eduardo Cabello s/n- Bouzas 36208 VIGO

Type of business or sector Public Service

Dates Jul. 2007

Occupation or position held Forecast and Following Unit Manager (USyP)

Main activities and responsibilities Coordination of the USyP. Implementation and Coordination of the detection and prediction system for maritime emergencies (oil spill, man overboard, ...). Crisis management. Integration of tracking models and GIS tools
Institutional representation in International meeting .

Name and address of employer SALVAMENTO MARÍTIMO. C/ Fruela, 3 28011 Madrid (España)

Type of business or sector Public Service

Dates Feb. 2004

Occupation or position held Technician in the Galicia Meteorological Service. Ocean Section

Main activities and responsibilities Coordination of the ocean section.
Oceanography Modelization. Implementation of operational services. Writing of reports and presentation of results innational and international meetings.

Name and address of employer METEOGALICIA. Xunta de Galicia.

Type of business or sector Public Service

Dates Feb. 2000
 Occupation or position held Proffesor
 Main activities and responsibilities Research and Education.
 Name and address of employer Universidad de Vigo
 Type of business or sector Education

Dates Sept. 1996
 Occupation or position held Research Fellowship
 Main activities and responsibilities Physic oceanographic studies.
 Name and address of employer Instituto Español de Oceanografía en Tenerife
 Type of business or sector Public Sector

Education and training

Dates Abril 2008- Diciembre 2008
 Title of qualification awarded International Maritime Law Expert
 Principal subjects/occupational skills covered International Maritime Law
 Name and type of organisation providing education and training Instituto Marítimo Español y Universidad Pontificia de Comillas
 Level in national or international classification

Dates Enero 2008- Marzo 2008
 Title of qualification awarded Maritime Traffic and Harbour Management Expert
 Principal subjects/occupational skills covered
 Name and type of organisation providing education and training Escuela Superior de Ingenieros de caminos, canales y puertos de Madrid
 Level in national or international classification

Dates Julio 2003
 Title of qualification awarded PHD in Marine Sciences
 Principal subjects/occupational skills covered Modelización oceanográfica
 Name and type of organisation providing education and training Universidad de Vigo
 Level in national or international classification Cum laudem

Dates Junio 1995
 Title of qualification awarded Marine Sciences
 Principal subjects/occupational skills covered
 Name and type of organisation providing education and training Universidad de Cádiz
 Level in national or international classification Sobresaliente

Personal skills and competences

Mother tongue(s) SPANISH

Other language(s) **ENGLISH**

Self-assessment

European level (*)

ENGLISH

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Usuario independiente	B2	Usuario independiente	B2	Usuario independiente	B2	Usuario independiente	B2	Usuario independiente

(*) Common European Framework of Reference for Languages

Computer skills and competences

Operative Systems: Windows y linux
Fortran, C, Perl
Numerical Modelization: MM5, MOHID, ROMS.
Oil spill models: OILMAP, TESEO
Ofimatic

Driving licence B1

Publication

Torres López, S. , Álvarez-Salgado P., Varela R. Fractionation during detritus mineralisation in the NW Iberian Upwelling. A 1-D modelling approach. Journal of Marine Systems Vol: 54 (2005):175-193.

Torres López, S., Varela R., Delhez, E. Residual Circulation and Thermohaline Distribution of the Ría de Vigo: A 3-D Hydrodynamical Model. Scientia Marina Vol: 65 277-289 2001

Varela, R.A., Rosón Porto, G, Herrera, J.L., Torres-López, S. y Fernández-Romero, A. A general view of the hydrographic and dynamical patterns of the Rias Baixas adjacent sea area Journal of Marine Systems. Journal of Marine Systems Vol: 54 Fecha: 2005

Emilio Fernandez, Florentina Alvarez, Ricardo Anadon, Susana Barquero, Antonio Bode, Ana Garcia, Carlos Garcia-Soto, Julio Gil, Nicolas Gonzalez, Arantza Iriarte, Beatriz Mouriño, Francisco Rodriguez, Ricardo Sanchez, Eva Teira, Silvia Torres López, Luis Valdes, Manuel Varela, Ramiro Varela and Manuel Zapata The spatial distribution of plankton communities in a Slope Water anticyclonic Oceanic eDDY (SWODDY) in the southern Bay of Biscay Journal of Marine Biology U.K. Vol: 84, 501 -517 2004

Carracedo, P., M. Barreiro, S. Torres, P. Montero, V. Pérez-Muñuzuri y V. Pérez Villar Acoplamiento de un modelo Hidrodinámico de escala global con uno de escala regional para Galicia. Real Academia Galega de Ciencias. Vol. XXII : 85-100 2003

Revisión de artículo: Velez-Belchí, P., Tintoré, J. Vertical velocities at an ocean front. Scientia Marina 2001

Scientific Publications

Carracedo P., Barreiro M., Montero P., Torres López S., Ruiz-Villarreal M., Leitao, P.C., Perez-Muñuzuri V and V. Pérez-Villar. .Towards Regional Operational Oceanography. Proceeding of the 1st General Assembly of the European Geosciences Union. Nice, April 25-30, 2004. Geophysical Research Abstracts, Vol.6, EGU04-A-03898, 2004.

Torres López S., Barreiro M., Montero P., Carracedo P., Ruiz-Villarreal M., Gomez M., Carlos J., Perez-Muñuzuri V. Tide and Current Forecast in Galicia coast: METEOMOHID System. Proceeding. 4th Eurogoos Conference. Brest (France) 2005

Carracedo P., Barreiro M., Torres López S., Montero P., Ruiz-Villarreal M., Gomez M., Carlos J., Perez-Muñuzuri V. High resolution wave forecasting at Galician coast. Proceeding. 4th Eurogoos Conference. Brest (France) 2005

Carracedo P., Barreiro M., Montero P., Torres López S., Ruiz-Villarreal M., Gomez M., Carlos J., Perez-Muñuzuri V. Marine Weather Forecast in a Regional Meteorological Agency (MeteoGalicia) Proceeding. 4th Eurogoos Conference. Brest (France) 2005

Torres López, S. ,Varela, R.A., Deles, E. Influencia de la marea y el viento en la turbulencia vertical. Aplicación de un modelo 3-D. Proceeding. Asamblea Hispano-Portuguesa de Geodesia y Geofísica. Ref. 2003-2449

Torres López, S. Introducción al tratamiento de series temporales de variables geofísicas. Aplicación a niveles del mar y corrientes de marea en el estuario del Río de la Plata. Tesis de Licenciatura. Sept 1996 Cádiz University