europass

Pablo Lorente

Nationality: Spanish **Date of birth:** 27/07/1981 **Gender:** Male

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WORK EXPERIENCE

Head of Division

Physical Environment Area, Puertos del Estado. [2010 – Current]

City: Madrid | **Country:** Spain

- Oceanographic data management, quality control, analysis and validation.
- Skill assessment of ocean forecast models and wave models.
- Participation in several European and national research projects related with physical oceanography.

EDUCATION AND TRAINING

Ph Degree in Oceanography

University: Vigo, Vigo [2012 – 2016]

Field(s) of study: Implementation of an operational High Frequency radar network in Puertos del Estado.

Master Degree in Meteorology

University: Complutense, Madrid [2006 – 2007]

Field(s) of study: Meteorology, weather prediction, climatology.

MSc in Physics

University: Complutense, Madrid [1999 – 2006]

Field(s) of study: Statistics, Numerical Models, Atmospheric physics.

LANGUAGE SKILLS

Mother tongue(s): Spanish

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Programming languages

Python / FORTRAN / PHP / Java / Shell scripting / SQL

Operating Systems

Windows / Linux/Unix

Databases

MySQL / PostgreSQL / Ingres

COMMUNICATION AND INTERPERSONAL SKILLS

European Projects

Solid communication skills obtained through participation in several European Projects, teams and working groups and presentations at international meetings and conferences.

MANAGEMENT AND LEADERSHIP SKILLS

MONGOOS

Co-chair of the High Frequency Radar Task Team (2020-2022)

NETWORKS AND MEMBERSHIPS

EuroGOOS High Frequency Radar Task Team

IBI-ROOS and MONGOOS (regional alliances of EuroGOOS)

PUBLICATIONS

[2024]

- **Lorente, P., de Alfonso, M., Gil, P., Manzano, F., Matulka, A. M., Pérez-Gómez, B., Pérez-Rubio, S., and Ruiz, M. I.: Monitoring the record-breaking wave event in Melilla harbour (SW Mediterranean Sea), in: 8th edition of the Copernicus Ocean State Report (OSR8), edited by: von Schuckmann, K., Moreira, L., Grégoire, M., Marcos, M., Staneva, J., Brasseur, P., Garric, G., Lionello, P., Karstensen, J., and Neukermans, G., Copernicus Publications, State Planet, 4-osr8, 19.**

[2022]

- **E. Alvarez-Fanjul, B. Pérez Gómez, M. de Alfonso Alonso-Muñoyerro, P. Lorente, et al. Western Mediterranean record-breaking storm Gloria: An integrated assessment based on models and observations. In: von Schuckmann K. et al. (2022), Copernicus Ocean State Report, issue 6 Journal of Operational Oceanography.**

[2019]

- **Le Traon PY, Reppucci A, Alvarez Fanjul E, Aouf L, Behrens A, Belmonte M, Bentamy A, Bertino L, Brando VE, Kreiner MB, Benkiran M, Carval T, Ciliberti SA, Claustre H, Clementi E, Coppini G, Cossarini G, De Alfonso Alonso-Muñoyerro M, et al. 2019. From Observation to Information and Users: The Copernicus Marine Service Perspective. Front. Mar. Sci. 6:234.**

[2018]

- **Lorente, Pablo, Marcos G. Sotillo, Lotfi Aouf, Arancha Amo-Baladrón, Ernesto Barrera, Alice Dalphinet, Cristina Toledano, Romain Rainaud, Marta De Alfonso, Silvia Piedracoba, Ana Basañez, Jose M. García-Valdecasas, Vicente Pérez-Muñuzuri, and Enrique Álvarez-Fanjul. 2018. "Extreme Wave Height Events in NW Spain: A Combined Multi-Sensor and Model Approach" Remote Sensing 10, no. 1: 1.**