Adolfo Chamorro

Curriculum Vitae

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Personal Information

Name	Adolfo Vicente
Surname	Chamorro Gómez
Nationality	Peruvian
Passport	118795010

Education

2018 **PhD in Environmental Sciences**, *Ecole Doctorale des Sciences de l'Environnement*, Sorbonne Université, Paris-FRANCE.

2013 **Master of Science in Physics**, *Faculty of Science, National University of Engineering (FC-UNI)*, Lima, PERU.

2008 **Bachelor of Science in Physics**, *Faculty of Science, National University of Engineering (FC-UNI)*, Lima, PERU.
Graduated.

Professional Experience

2011 – presente **The Peruvian Marine Research Institute (IMARPE)**. Scientific researcher. Homepage: http://www.imarpe.gob.pe.

2011 – 2014 **Faculty of Science of the National University of Engineering (FC-UNI), Peru**. Teacher assistant. Homepage: https://fc.uni.edu.pe.

2009 – 2010 **The Information and Communication Technology Center of the National University of Engineering, Peru (CTIC-UNI), Perú**. Scientific researcher. Homepage: http://www.ctic.uni.edu.pe.

List of Publications

Chamorro A, Echevin V, Colas F, Dutheil C, Tam J, Gutiérrez D (2019) *High resolution climate change projection for the upwelling-favorable coastal wind off Peru using a multi model ensemble.* Manuscript in preparation.

Gutiérrez D, Tam J, Reguero B G, Ramos Castillejos J, Oliveros R, **Chamorro A**, et al (2019) *Strengthening current knowledge on the impacts of climate change on the Peruvian fishery. In: Zavala, R. et al (Eds.) Progress of Peru in adapting to climate change the fisheries sector and the marine-coastal ecosystem.* BID, Serie IDB-MG-679, Lima, 124p https://publications.iadb.org/es/avances-del-peru-en-la-adaptacion-al-cambio-climatico-del-sector-pesquero-y-del-ecosistema-marino

Chamorro A (2018) *Coastal winds dynamics in the Peruvian upwelling system under warming conditions : impact of El Niño and regional climate change*. Sorbonne Université, https://tel.archives-ouvertes.fr/tel-02163945

Chamorro A, Echevin V, Colas F, Oerder V, Tam J, & Quispe-Ccalluari C (2018) *Mechanisms of the intensification of the upwelling-favorable winds during El Niño 1997–1998 in the Peruvian upwelling system*. Climate Dynamics, 1-17. https://link.springer.com/article/10.1007/s00382-018-4106-6

Quispe-Ccalluari C, Tam J, Demarcq H., **Chamorro A**, Espinoza-Morriberon D, Romero C, Dominguez N, Ramos J, Oliveros-Ramos R (2018) *An index of coastal thermal effects of El Nino Southern Oscillation on the Peruvian Upwelling Ecosystem*. International Journal of Climatology 38(7):3191-3201. https://rmets.onlinelibrary.wiley.com/doi/abs/10.1002/joc.5493

Quispe-Ccalluari C, Tam J, Arellano C, **Chamorro A**, Espinoza-Morriberón D, Romero C, Ramos J (2017) *Development and application of indices and simulations for surveillance and medium-term forecasting of the impact of ENSO in front of the Peruvian coast*. Informe Instituto del Mar del Perú 44(1):28-34. http://www.imarpe.gob.pe/imarpe/imagenes/portal/imarpe/inf-44-28-quispe-ipenos.pdf

Project Experience

2018 – present
Adaptation to the Impacts of Climate Change on Peru's Coastal Marine Ecosystem and Fisheries. Adaptation Fund. Collaborator researcher. Homepage: https://www.adaptation-fund.org/project/adaptation-to-the-impacts-of-climate-change-on-perus-coastal-marine-ecosystem-and-fisheries-2/.

2010 – 2019
LMI DISCOH - Dynamics of the Humboldt Current System. Institute of Research for Development (IRD), France. Collaborator researcher. Homepage: https://discoh.ird.fr/.

2014 – 2018
Adaptation to Climate Change of the Fishing Sector and the Marine-Coastal Ecosystem of Peru. Inter-American Development Bank (IDB). Collaborator researcher. Homepage: http://dx.doi.org/10.18235/0001647.

Software

Programming Languages

Python, C, C++, Java, Fortran, Pascal

Shells-Scripts   csh, bash, MS-DOS

Web   HTML

Scientific Tools

FERRET   An Analysis Tool for Gridded and Non-Gridded Data

CDO   Collection of command line Operators to manipulate and analyse Climate and NWP model Data

NCO   Command-line operators for netCDF and HDF files

R   A free software environment for statistical computing and graphics

MATLAB   A tool for doing numerical computations with matrices and vectors

Office Automation

LyX, TeX, LaTeX, Microsoft Office™, OpenOffice

Operating Systems

Linux and Microsoft™operating systems