

# Curriculum Vitae

Short version - Last 5 years

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## 1. Personal

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## 2. Education

12/1997 Ph. D. disertation, UCM.  
Title: *Modelo de Predicción de la Precipitación Peninsular en Climas Perturbados*.  
Supervisors: Profs. F. Valero and V. Quesada.  
1991 Masters degree in Atmospheric Physics, UCM.

## 3. Publications

### 3.1. Reviewed

32. Rojas-Labanda C., J. F. González-Rouco, E. García-Bustamante, J. Navarro, E. E. Lucio-Eceiza, G. Van der Schrier, and F. Kaspar: “ Surface wind over Europe: data and variability”. *Int. J. Climatol.*, **43**, 134-156,  
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26. González-Rouco J. F., N. J. Steinert, E. García-Bustamante, S. Hagemann, P. de Vresse, J. J. Jungclaus, S. J. Lorenz, C. Melo-Aguilar, F. García-Pereira, and J. Navarro: “ Increasing the depth of a Land Surface Model. Part I: Impacts on the soil thermal regime and energy storage”. *J. Hidro. Met.*, **22**, 3211-3230, DOI: 10.1175/JHM-D-21-0024.1. 2021.
25. García-Bustamante, E., J. F. González-Rouco, J. Navarro, E. E. Lucio-Eceiza, and C. Rojas-Labanda: “ Expected recurrence of extreme winds in northwestern Sahara and associated uncertainties”. *Energies*, **14(21)**, 6913. DOI: 10.3390/en14216913. 2021.
24. Steinert N. J., J. F. González-Rouco, C. Melo Aguilar, F. García-Pereira, E. García-Bustamante, P. de Vrese, V. Alexeev, J. J. Jungclaus, S. J. Lorenz, and S. Hagemann: “ Agreement of analytical and simulation-based estimates of the required land depth in climate models”. *Geophys. Res. Lett.*, **48**, e2021GL094273. DOI: 10.1029/2021GL094273. 2021.
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8. Pavón-Carrasco F. J., M. Gomez-Paccard, S. A. Campuzano, J. F. González-Rouco, M. L. Osete: “Multi-centennial fluctuations of radionuclide production rates are modulated by the Earth’s magnetic field”. *Scientific Reports*, **8**, 9820. DOI: 10.1038/s41598-018-28115-4. 2018.
7. Lucio-Eceiza E. E., J. F. González-Rouco, J. Navarro, and H. Beltrami: “Quality Control of surface wind observations in North Eastern North America. Part I: Data management problems”. *J. Atmosph. and Ocean. Tech.*, **35**, 164-182, DOI: 10.1175/JTECH-D-16-0204.1. 2018.
6. Lucio-Eceiza E. E., J. F. González-Rouco, J. Navarro, H. Beltrami, and J. Conte: “Quality Control of surface wind observations in North Eastern North America. Part II: Measurement errors”. *J. Atmosph. and Ocean. Tech.*, **35**, 183-205, DOI: 10.1175/JTECH-D-16-0205.1. 2018.

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4. Moreno A., S. Giralt, G. Benito, E. Calvo, J. P. Corella, C. Escutia, P. González-Sampériz, F. González-Rouco, J. Grimalt, F. Jiménez Espejo, C. Jiménez Cisneros, J. A. López-Sáez, F. Martínez-Ruíz, B. Martrat, C. Pelejero, and J. Pey: “Past global changes: a context to the anthropocene”. 7 Global Change Impacts. M. B. García and P. Jordano (Topic coordinators). *CSIC scientific challenges: towards 2030. J. M. de Lucas and M. V.*

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3. Vicente-Serrano S. M., D. Barriopedro, C. Azorín-Molina, S. Beguería, J. Fernández, R. García-Herrera, F. González-Rouco, J. Manuel Gutiérrez, J. I. López-Moreno, M. Montoya, B. Rodríguez-Fonseca, and P. Zurita: “ Climate change processes, mechanisms and future scenarios: the basis to develop climate services and to improve environmental and societal adaptation”. 7 Global Change Impacts. M. B. García and P. Jordano (Topic coordinators). *CSIC scientific challenges: towards 2030. J. M. de Lucas and M. V. Moreno-Arribas (Coordinators), Chapter 2*, 48-73,  
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2. González-Rouco J. F., E. García-Bustamante, F. García Pereira, E. Lucio Eceiza, C. Melo Aguilar J. Navarro Montesinos, C. Rojas Labanda, P. Roldán, N. Steinert and C. Vegas Cañas: “ Cambio climático: una perspectiva global”. In: Cambio climático en el Mediterráneo: procesos, riesgos y políticas”. Romero J., J. Olcina (Eds.). **Ch. 2**, 49-73, *Tirant Humanidades, Valencia*, 2021.
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