

Part A. PERSONAL INFORMATION

CV date

02/12/2020

First and Family name	Fco. Javier de Marcos García-Blanco		
Researcher codes	Open Researcher and Contributor ID (ORCID)	0000-0001-9510-2138	
	SCOPUS Author ID	6603257084	
	WoS Researcher ID	H-4375-2015	
	https://scholar.google.es/citations?user=QX_QsxUAAAAJ		

A.1. Current position

Name of University/Institution	UNIVERSIDAD COMPLUTENSE DE MADRID		
Department	GEOGRAFÍA		
Address and Country	Facultad de Geografía e Historia, c/ Profesor Aranguren, s/n, 28040, Madrid, Spain		
Phone number	+34913945961	E-mail	fimarcos@ucm.es
Current position	Profesor Colaborador	From	01-10-2006
Key words	High Mountain Physical Geography; Glacier, periglacial and snow geomorphology; Chronology of deglaciation; Natural hazards in high mountains; Environmental and territorial planning.		

A.2. Education

PhD, Licensed, Graduate	University	Year
Licensed	Complutense de Madrid	1988

A.3. General indicators of quality of scientific production

Sexenios: 2

SCOPUS: 6 h-index, 233 Times Cited (21/11/2020)

GOOGLE SCHOLAR (QX_QSXUAAAAJ): 6 h-index last 5 years, 205 Times Cited; 8 h-index, 406 Times Cited (25/11/2020)

Part B. CV SUMMARY

From 1997 to 2007 he combines professional activity as director of environmental planning and territorial planning projects with teaching activity in the Department of Geography of the UCM.

In 2007 obtained the transformation of her position he became "Profesor Colaborador" and he belongs to the UCM Consolidated Research Group of High Mountain Physical Geography, <https://www.ucm.es/gfam/>, which has been recently evaluated with a level of maximum excellence.

Her research work focuses on the study of and periglacial geomorphology in mountain areas through the application of different dating techniques in Sistema Central español, Sierra Nevada, Volcanoes of México and currently in Cordillera Blanca (Perú). Also, to the study of recent and current processes, through the control and monitoring of experimental stations installed in the Peñalara Massif (Sierra de Guadarrama).

The main scientific results have been the elaboration of the first absolute chronology of the process of deglaciation of the Sistema Central español and the importance of snow in the recent and current processes of the high Mediterranean mountain.

The research results are reflected in the authorship of 20 articles and book chapters and 15 conference communications.



Together with the research activity, he has participated in numerous projects of Educational Innovation and knowledge transfer activities. Teaching and scientific transfer activity has focused on issues related to the environment and protected natural spaces, teaching subjects of Environmental Planning and Planning of natural spaces.

He has had different institutional responsibilities at the UCM, a member of the University Senate, a member of the Faculty Board and the Teaching Secretary of the Department of Geography.

Part C. RELEVANT MERITS

C.1. Publications

Tanarro, LM., Úbeda, J., Andrés, N., Fernández-Fernández, JM., **Marcos**, J., Ovaco, D., García, J., Palacios, (2020): Design of three-dimensional cartographical didactic materials for physical geography teaching. International Conference on Higher Education Advances, HEAd, Pages: 1055-1063. Valencia, Spain. DOI: <http://dx.doi.org/10.4995/HEAd20.2020.11195>.

Montiel, C., **Marcos**, J., Galiana, L. y Sánchez, S. (2013): Guía docente del Proyecto de Ordenación del Territorio. Parte I, Análisis y diagnóstico de los subsistemas territoriales. ISBN 978-84-695-8739-3.

Palacios, D.; Andres, N.; **Marcos**, J.; Vazquez-Selem, L. (2012): Maximum glacial advance and deglaciation of the Pinar Valley (Sierra de Gredos, Central Spain) and its significance in the Mediterranean context. *Geomorphology*, Volume: 177 Pages: 51-61 DOI: 10.1016/j.geomorph.2012.07.013.

Palacios, D.; Andrés, N.; **Marcos**, J.; Vazquez-Selem, L. (2012): Glacial landforms and their paleoclimatic significance in Sierra de Guadarrama, Central Iberian Peninsula. *Author(s): Geomorphology* Volume: 139 Pages: 67-78 DOI: 10.1016/j.geomorph.2011.10.003.

Palacios, D.; **Marcos**, J.; Vazquez-Selem, L. (2011): Last Glacial Maximum and deglaciation of Sierra de Gredos, central Iberian Peninsula. *Quaternary International* Volume: 233 Issue: 1 Pages: 16-26 DOI: 10.1016/j.quaint.2010.04.029.

Marcos, J. (2011): Riesgos naturales e impacto socioeconómico en la región de Asia-Pacífico. En Antón, J. (Coor): *Perspectivas medioambientales en Asia y el Pacífico*. Ediciones Gondo – Asociación Española de Estudios del Pacífico, Madrid. ISBN 978-84-933774-3-4. M 10.922-2011.

Gago, C., Babinger, F., Córdoba, J., Córdoba, M., Díez, R., Domínguez, F., **Marcos**, J., Santander, F. y Serrano, M. (2012): *Atlas Interactivo del Mundo V: Género y Desarrollo*. Universidad Complutense de Madrid. CD, ISBN: 978-84-96701-60-1.

Córdoba, J., Babinger, F., Córdoba, M., Díez, R., Domínguez, F., Gago, C., **Marcos**, J., Santander, F. y Serrano, M. (2011): *Atlas Interactivo del Mundo IV: Globalización y Turismo*. Universidad Complutense de Madrid. CD, ISBN: 978-84-96702-39-4.

C.2. Research projects

CGL2015-65813-R. El calentamiento de las montañas: geocronología y efectos ambientales de la deglaciación de las áreas de alta montaña. Ministerio de Economía y Competitividad. Dr. D. David Palacios Estremera (Dpto. Análisis Geográfico Regional y Geografía Física, UCM). 01/01/2016 a 31/12/2020. Participación como investigador.

EUIN2013-50924. La evolución de la criosfera en las montañas mediterráneas. Ministerio de Economía y Competitividad. I.P. David Palacios (Dpto. de Geografía, UCM). 01/06/2014 a 31/05/2017 .



CGL2012-35858. Efectos medioambientales de la deglaciación: estudio de casos en ámbitos geográficos contrastados. Ministerio de Economía y Competitividad (BOE, Resolución de 30 de diciembre de 2011). Dr. David Palacios Estremera (Dpto. Análisis Geográfico Regional y Geografía Física, UCM). 01/01/2012 a 31/12/2015. 110.000 €. Participación como investigador.

CGL2009-07343 (subprograma BTE), Impacto del cambio climático en las reservas hídricas sólidas y riesgos hidrovulcánicos asociados en los estratovolcanes tropicales. Ministerio de Ciencia e Innovación. Dr. David Palacios Estremera (Dpto. Análisis Geográfico Regional y Geografía Física, UCM). 01/01/2010 a 31/12/2012. 180.000,00 €. Participación como investigador.

TF-TRANSFER. "Transferencia de los resultados de trabajos fin de grado a la docencia". Proyecto de Innovación Docente, núm. 199, 2019/2020, Coordinadora Dra. Dña. Nuria de Andrés (Dpto. de Geografía), Universidad Complutense de Madrid.

GEOFIELDTIG. "Nuevas tecnologías de la información geográfica aplicadas a la docencia en trabajos de campo". Proyecto de Innovación Docente, núm. 87, 2018/2019, Coordinador Dr. D. Luis M. Tanarro (Dpto. de Geografía), Universidad Complutense de Madrid.

C.3. Contracts

C.4. Patents

C.5. Communications to Congresses

Iparraguirre J., Úbeda, J., Concha, R., Pellitero, R. **Marcos**, J. Dávila, L., Vázquez, P. Gómez, J. and Araujo, J.E. (2020): Paleoclimatic reconstruction during the Little Ice Age in the Llanganuco basin, Cordillera Blanca (Peru). Abstrat EGU General Assembly 2020, <https://doi.org/10.5194/egusphere-egu2020-1726>.

Marcos, J., Ubeda, J., Andrés, N. y Palacios, D. (2019): Combination of cosmogenic and Schmidt Hammer exposure dating methods in Peñalara Massif. VII Conference of the Iberian Section of the International Permafrost Association (Jaca, España). 2019/06/25-27.

Marcos, J., Ubeda, J. Luna, G., Concha, R., Vasquez, P. y Iparraguirre, J. (2019): Deglaciation of the Cordillera Blanca (Perú) through the Schmidt Hammer exposure dating (SHED). VII Conference of the Iberian Section of the International Permafrost Association (Jaca, España). 2019/06/25-27.

Úbeda, J., **Marcos**, J., Schimmelpfennig, I., Vázquez, P., Concha, R., Braucher, R., Masías, P., Bustamante, M., Gómez, R., Iparraguirre, J., Barrientos, I., Luna, G., Astete, I. (2019). Teleconexión entre enfriamiento boreal y avances de glaciares tropicales en la Cordillera Blanca (Perú). VII Conference of the Iberian Section of the International Permafrost Association (Jaca, España). 2019/06/25-27.

Marcos, J., Tanarro, L.M., Palacios, D., Andrés, N. (2017): Procesos periglaciares actuales en la Sierra de Guadarrama: las terracillas de soliflucción. VI Conference of the Iberian Section of the International Permafrost Association (Mieres, España). 2017/06/21-23.

Palacios, D., Andrés, N., Vieira, G., **Marcos**, J., Vazquez-Selem, L. (2012): Last Glacial Maximum and deglaciation of the Iberian Central System. European Geosciences Union General Assembly. Vienna, Austria. 2012/04/22.

Palacios, D., Andrés, N., Ubeda, J., Alcalá, J., **Marcos**, J., Vazquez-Selem, L. (2012): The importance of polygenic moraines in the paleoclimatic interpretation from cosmogenic dating. European Geosciences Union General Assembly. Vienna, Austria. 2012/04/22.

C.6. Participation in the organization of activities of I+D+I

Organizer of activities in the Semana de la Ciencia de la C.A. Madrid, since 2008.



C.7. Participation in evaluation activities

Member of the editorial team of the scientific journal *Anales de Geografía*, UCM, 2011/2020.

Regular reviewer of journal *Boletín de la Asociación de Geógrafos Españoles*, *Cuadernos de Turismo* (Universidad de Murcia).

C.8. Institutional responsibilities, memberships of professional societies

Member of the University Senate, Claustro Universidad Complutense de Madrid, 2020.

Teaching Secretary of the Department of Análisis Geográfico Regional y Geografía Física, Facultad de Geografía e Historia, Universidad Complutense de Madrid, 2009/2015.

Member of the International Permafrost Association (Iberian section).

Member of Asociación Interprofesional de Ordenación del Territorio (FUNDICOT).