

# JESÚS FERNÁNDEZ GÁLVEZ

Grupo de Investigación: PAISAJE, MEDIO AMBIENTE Y ORDENACION TERRITORIAL (Cod.: HUM771)

Departamento: Universidad de Granada. Análisis Geográfico, Regional y Geografía Física

Código ORCID: <http://orcid.org/0000-0003-2607-8896>

Correo electronico: [jesusfg@ugr.es](mailto:jesusfg@ugr.es)

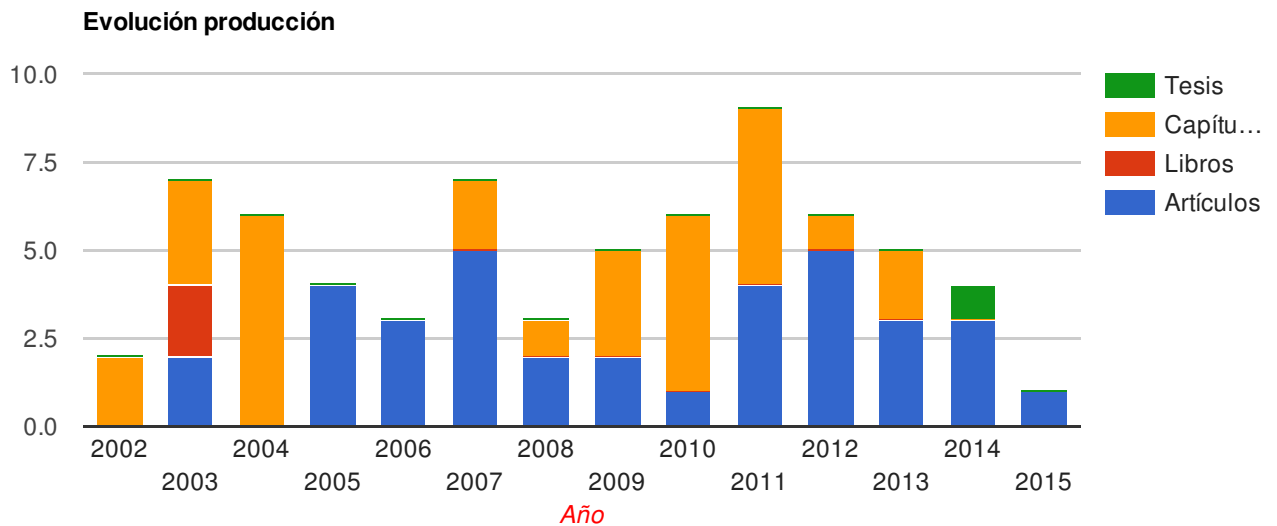
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Ficha del Directorio

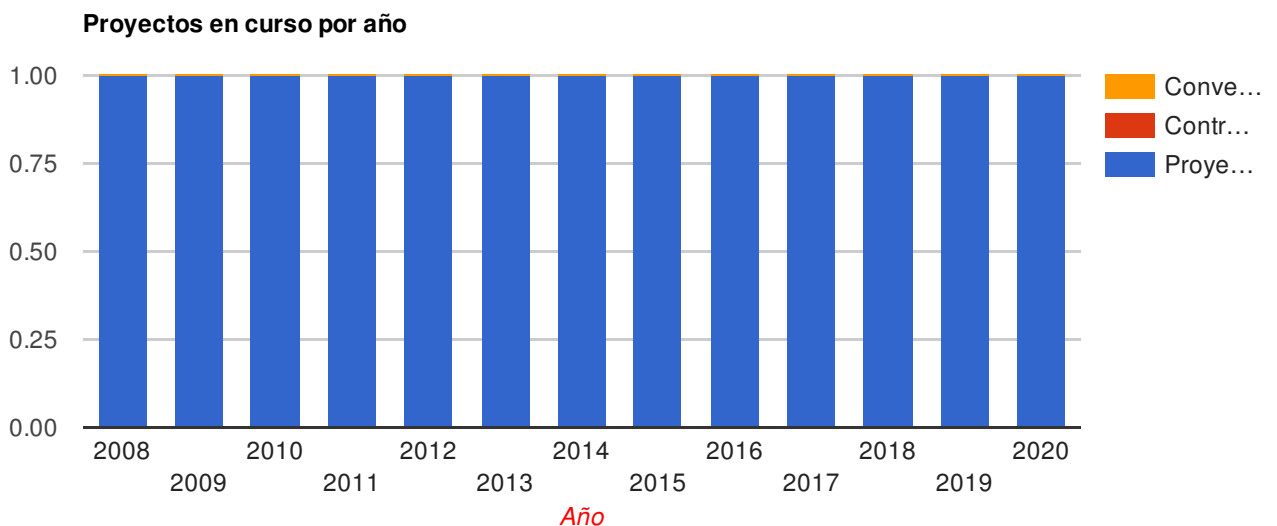
## Producción 68

Artículos (35) Libros (2) Capítulos de Libros (30) Tesis dirigidas (1)



## Proyectos dirigidos 1

Proyectos (1) Contratos (0) Convenios (0)



## Actividades 2

Titulo publicación	Fuente	Tipo	Fecha
Hygroscopic growth of atmospheric aerosol particles based on active remote sensing and radiosounding measurements: selected cases in southeastern Spain	Atmospheric measurement techniques discussions	Artículo	2015
Active and passive remote sensing for monitoring the planetary boundary layer height	Optica pura y aplicada	Artículo	2014
Characterizing the atmospheric aerosol by active and passive remote sensing: microphysical properties and hygroscopic growth effects		Tesis doctoral	2014
Estimating aerosol characteristics from solar irradiance measurements at an urban location in southeastern Spain	Journal of geophysical research. d, atmospheres	Artículo	2014
Tropospheric water vapour and relative humidity profiles from lidar and microwave radiometry	Atmospheric measurement techniques discussions	Artículo	2014
Aerosol size distribution from inversion of solar radiances and measured at ground-level during spali10 campaign	Atmospheric research	Artículo	2013
European small portable rainfall simulators: a comparison of rainfall characteristics	Catena	Artículo	2013
Monitoring the daily evolution of the atmospheric aerosol in an urban environment by means of remote sensing and in-situ methodologies	Juan Antonio Morente Chiquero: in memoriam	Capítulo de libro	2013
Towards a virtual framework for bilingual self-learning in subjects related to atmospheric physics for the degree in physics and environmental sciences	Proceedings of edulearn13 conference	Capítulo de libro	2013
Tropospheric water vapour and relative humidity profiles from lidar and microwave radiometry	Atmospheric measurement techniques discussions	Artículo	2013
Aerosol properties over two urban sites in south Spain during an extended stagnation episode in winter season	Atmospheric environment	Artículo	2012
An international network of ground-based microwave radiometers for the assimilation of temperature and humidity profiles into NWP models	Proceedings of the 9th international symposium on tropospheric profiling 2012	Capítulo de libro	2012
Automatic determination of the boundary layer height using lidar: one-year analysis over southeastern Spain		Artículo	2012
Global and diffuse shortwave irradiance during a strong desert dust episode at Granada (Spain)	Atmospheric research	Artículo	2012
Retrievals of precipitable water vapor using star photometry: assessment with Raman lidar and link to sun photometry	Journal of geophysical research	Artículo	2012
Soil hydrophysical properties resulting from the interaction between organic amendments and water quality in soils from southeastern Spain: a laboratory experiment	Agricultural water management	Artículo	2012
Aerosol properties during an extended stagnation episode at two urban sites in south-eastern Spain	Book of extended abstract of V Reunión Española de Ciencia y Tecnología de los Aerosoles	Capítulo de libro	2011
Aerosol size distribution from inversion of solar radiances and measured at ground-level during spali10 campaign	Proceedings of the global conference on global warming 2011	Capítulo de libro	2011
Compost and Fe oxides as soil amendments for mine tailing reclamation: organic matter mineralization and nutrients availability	Geophysical research abstracts	Artículo	2011
Evaluation of the aerosol forcing efficiency in the UV erythemal range at Granada (Spain)	Book of extended abstract of V Reunión Española de Ciencia y Tecnología del Aerosol	Capítulo de libro	2011
Evaluation of the aerosol forcing efficiency in the UV erythemal range at Granada, Spain	Journal of geophysical research	Artículo	2011
Influence of the calibration on experimental UV index at midlatitude site, Granada (Spain)	Atmospheric measurement techniques discussions	Artículo	2011

Mediterranean site, Granada (Spain)	Techniques discussions		
Multi-instrumental detection of the mixing layer height over Granada	Book of extended abstracts of ¿quinta reunión española de ciencia y tecnología de aerosoles¿	Capítulo de libro	2011
Short-term variability of experimental ultraviolet and total solar irradiance in southeastern Spain	Atmospheric environment	Artículo	2011
Water vapour from sun and star photometer as compared with passive microwave radiometry: modified K-ciclo for correcting sun photometer calibration	Book of extended abstracts of V Reunión Española de Ciencia y Tecnología de Aerosoles	Capítulo de libro	2011
Caracterización del medio físico y biótico de la escombrera de las Minas de Alquife (Granada)	Libro de actas del IV Congreso Iberoamericano de la Ciencia del Suelo	Capítulo de libro	2010
Efecto de la adición de enmiendas orgánicas en la estabilidad estructural del suelo	Suelo: funciones y manejo	Capítulo de libro	2010
Soil quality as affected by wastewater irrigation in a semiarid agricultural land	Advances in Geoecology 41: Global Change-Challenges for Soil Management	Capítulo de libro	2010
Soil quality as affected by wastewater irrigation in a semi-arid agricultural land.	Libro de actas del IV Congreso Iberoamericano de la Ciencia del Suelo	Capítulo de libro	2010
Soil quality as affected by wastewater irrigation in a semi-arid agricultural land	Advances in Geoecology 41: Global Change-Challenges for Soil Management	Capítulo de libro	2010
Vapour and liquid hydrophobic characteristics induced by presence of surfactants in an agricultural soil	Geophysical Research Abstracts	Artículo	2010
Effect of structure disturbance on soil water retention curves	Catena. Supplement	Artículo	2009
Effect of structure disturbance on soil water retention curves	Land Degradation and Rehabilitation - Dryland Ecosystems -	Capítulo de libro	2009
Periodic saturated irrigation with treated effluents: soil and leachate quality	International Conference "Land Conservation" Abstract Book	Capítulo de libro	2009
Soil degradation assessment using a limited set of simple physicochemical tests	Catena. Supplement	Artículo	2009
Soil degradation assessment using a limited set of simple physicochemical tests	Land Degradation and Rehabilitation - Dryland Ecosystems -	Capítulo de libro	2009
Errors in soil moisture content estimates induced by uncertainties in the effective soil dielectric constant	International Journal of Remote Sensing	Artículo	2008
Measurement of infiltration in small field plots by a portable rainfall simulator: application to trace-element mobility	Water, Air, and Soil Pollution	Artículo	2008
Spatial distribution of trace elements and impact on groundwater in a basin of calcareous Mediterranean soils	Proceedings ISCO 2008	Capítulo de libro	2008
A simple methodology for the evaluation of groundwater pollution risks: Spanish research on soil damage - Spanish S.I.	Science of the Total Environment	Artículo	2007
El recurso suelo-agua en medios áridos y semiáridos	Plantas C4 & CAM: homenaje al Dr. Julio López Gorge	Capítulo de libro	2007
Estimating soil water fluxes from soil water records obtained using dielectric sensors	Hydrological Processes	Artículo	2007
Guidelines for improving organic carbon recovery by the wet oxidation method.	Chemosphere	Artículo	2007
Laboratory methodology to approach soil water transport in the presence of surfactants	Colloids and Surfaces. A, Physicochemical and Engineering Aspects	Artículo	2007
Soil water content evolution in the headwaters of a semiarid catchment and its control by topographic attributes	Geophysical Research Abstracts	Capítulo de libro	2007
Soil water content evolution in the headwaters of a semiarid catchment and its control by topographic attributes	Geophysical Research Abstracts	Artículo	2007

catchment and its control by topographic attributes

Estimating detailed soil water profile records from point measurements	European journal of soil science	Articulo	2006
Monitoring and modelling the three-dimensional flow of water under drip irrigation	Agricultural water management	Articulo	2006
The diurnal course of soil moisture as measured by various dielectric sensors: effects of soil temperature and the implications for evaporation estimates	Journal of hydrology	Articulo	2006
A sensitivity analysis of soil moisture retrieval from the tau-omega microwave emission model	IEEE transactions on geoscience and remote sensing	Articulo	2005
Changes in soil water retention due to soil kneading	Agricultural water management	Articulo	2005
Changes in water retention due to soil kneading	Agricultural water management	Articulo	2005
Interpretation of soil moisture profiles on gravel soils derived from soil dielectric measurements.	Catena. supplement	Articulo	2005
Effect of structure disturbance on soil water retention curves	International conference on land degradation: 4th: extended abstracts	Capítulo de libro	2004
Limits on soil moisture retrieval from microwave radiometry imposed by the tau-omega model and available supporting information	International conference on land degradation: 4th: extended abstracts	Capítulo de libro	2004
Monitoring soil water dynamics in gravelly soils	International conference on land degradation: 4th: extended abstracts	Capítulo de libro	2004
Relief effects on soil moisture retrievals from passive microwave emission	International conference on land degradation: 4th: extended abstracts	Capítulo de libro	2004
Trying to assess soil degradation through a restricted set of simple physico-chemical tests	International conference on land degradation: 4th: extended abstracts	Capítulo de libro	2004
Trying to assess soil degradation through a restricted set of simple physico-chemical tests	Fourth international conference on land degradation. invited lectures and abstracts	Capítulo de libro	2004
Assimilation of near-surface soil moisture observations into soil-vegetation-atmosphere transfer models	Geophysical research abstract	Capítulo de libro	2003
Assimilation of near-surface soil moisture observations into soil-vegetation-atmosphere transfer models	Geophysical research abstracts	Articulo	2003
Dinámica del agua en los suelos con gravas	Universidad de granada	Libros	2003
Dinámica del agua en suelos con gravas	Universidad de granada	Libros	2003
Monitoring soil water in the vadose zone	Desertification in the mediterranean region. a security issue	Capítulo de libro	2003
Monitoring within-field variability in root zone soilwater dynamics for use in passive microwave remote sensing studies	Geophysical research abstract	Capítulo de libro	2003
Monitoring within-field variability in root zone soil water dynamics for use in passive microwave remote sensing studies	Geophysical research abstracts	Articulo	2003
Interpretation of soil moisture profiles on gravelly soils measured using reflectometry	Sustainable use and management of soils in arid and semiarid region	Capítulo de libro	2002
Interpretation of soil moisture profiles on gravel soils measured using reflectometry	Sustainable use and management of soils in arid and semiarid region	Capítulo de libro	2002

	<b>Título proyecto</b>	<b>Tipo</b>	<b>Inicio</b>	<b>Fin</b>
1	Soil water gains in arid and semiarid regions in absence of precipitation	Proyecto	7/1/08	

## Actividades 2

<b>Título actividad</b>	<b>Fuente</b>	<b>Tipo</b>	<b>Fecha</b>
Participación en: international union of soil science (iuss) ()		Comité científico en sociedad ci	Jan 1, 2002
Participación en: sociedad espannola de la ciencia del suelo (secs) ()		Comité científico en sociedad ci	Jan 1, 2002

## Colaboradores

- LUCAS ALADOS ARBOLEDAS (21)
- HASSAN LYAMANI (13)
- FRANCISCO JOSE OLMO REYES (12)
- JUAN LUIS GUERRERO RASCADO (11)
- FRANCISCO JESUS NAVAS GUZMAN (10)
- MARÍA JOSÉ GRANADOS MUÑOZ (10)
- JUAN ANTONIO BRAVO ARANDA (9)
- ANTONIO VALENZUELA GUTIERREZ (7)
- INMACULADA FOYO MORENO (7)
- ALBERTO CAZORLA CABRERA (6)
- DANIEL PÉREZ RAMÍREZ (4)
- INMACULADA ALADOS ARBOLEDAS (4)
- GLORIA TITOS VELA (3)
- ANTONIA GÁLVEZ PÉREZ (2)
- ANDREW STEPHEN KOWALSKI (1)
- ENRIQUE PEREZ SANCHEZ-CAÑETE (1)