

**Part A. PERSONAL INFORMATION**

CV date	09-10-2019
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First and Family name	Julio Hernández Blanco		
Social Security, Passport, ID number	50843898Y	Age	49
Researcher codes	WoS Researcher ID (*)	M-5571-2014	
	SCOPUS Author ID(*)	36683918900	
	Open Researcher and Contributor ID (ORCID) **	0000-0002-1951-9545	

(*) At least one of these is mandatory

(**) Mandatory

A.1. Current position

Name of University/Institution	University of Extremadura		
Department	Graphic Design		
Address and Country	Avda. Virgen del Puerto 2. 10600 Plasencia. Spain		
Phone number	927257000 ext 52183	E-mail	juliohb@unex.es
Current position	Professor	From	04-08-2010
Key words			

A.2. Education

PhD	University	Year
Ph.D Agronomical Engineering	Polytechnic University of Madrid	2000
Agronomical Engineering	Polytechnic University of Madrid	1995

A.3. JCR articles, h Index, thesis supervised...

Three six-year-known, the last in 2018. Six doctoral theses directed and defended. Total quotes: 426. Average dates 5 last years: 61.8. Total publications Q1: 7. Index H: 9

Part B. CV SUMMARY (max. 3500 characters, including spaces)

The researcher currently has two main lines of research: visual impact assessment and spatial analysis in rural planning. In both he has numerous international publications in indexed journals and has made research agreements with public and private entities. In addition, it has a patent and a computer registry in operation. He has been a member of the editorial committee of an indexed journal, has written numerous books, book chapters, collaborations and articles in national scientific and technical journals. He has led two National R&D&I Plan projects and has participated in numerous European, national and regional projects as a collaborator.

Part C. RELEVANT MERITS**C.1. Publications (including books)**

AUTHORS: Jacinto Garrido Velarde; María Jesús Montero Parejo; Julio Hernández Blanco; Lorenzo García Moruno

TITLE: Using Native Vegetation Screens to Lessen the Visual Impact of Rural Buildings in the Sierras de Béjar and Francia Biosphere Reserve: Case Studies and Public Survey

REF. JOURNAL: Sustainability ISSUE: 11 PAGES: 2595 YEAR: 2019

AUTHORS: María Jesús Montero-Parejo, Jin Su Jeong, Julio Hernández-Blanco and Lorenzo García-Moruno

TITLE: Rural Landscape Architecture: Traditional *versus* Modern Façade Designs in Western Spain

REF. JOURNAL: IntechOpen ISSUE: 10 PAGES: 187-206 YEAR: 2018

AUTHORS: Jacinto Garrido Velarde; María Jesús Montero Parejo; Julio Hernández Blanco; Lorenzo García Moruno

TITLE: Visual Analysis of the Height Ratio between Building and Background Vegetation.

Two Rural Cases of Study: Spain and Sweden

REF. JOURNAL: Sustainability ISSUE: 10 PAGES: 2593 YEAR: 2018

AUTHORS: Jacinto Garrido Velarde; Julio Hernández Blanco; Julián Mora Aliseda

TITLE: Estimation of optical porosity or canopy structure of two species of tree with hemispherical and vertical images

REF. JOURNAL: WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT

ISSUE: 14 PAGES: 112-124 YEAR: 2018

AUTHORS: Jacinto Garrido Velarde; Julio Hernández Blanco; Julián Mora Aliseda

TITLE: Methods of quantifying the visual filtering of vegetation to minimize the impact of buildings on the landscape

REF. JOURNAL: International Journal of Agricultural Science ISSUE: 3 PAGES: 1-10

YEAR: 2018

AUTHORS: Jacinto Garrido Velarde; María Jesús Montero Parejo; Julio Hernández Blanco; Lorenzo García Moruno

TITLE: Use of Video and 3D Scenario Visualisation to Rate Vegetation Screens for Integrating Buildings into the Landscape

REF. JOURNAL: Sustainability ISSUE: 9(7) PAGES: 1102 YEAR: 2017

AUTHORS: Jin Su Jeong, Lorenzo García-Moruno, Julio Hernández-Blanco, Alonso Sánchez-Ríos, Álvaro Ramírez-Gómez

TITLE: Identifying priority areas for rural housing development using the participatory multi-criteria and contingent valuation methods in Alange reservoir area, Central Extremadura (Spain)

REF. JOURNAL: Journal of Rural Studies ISSUE: 50 PAGES: 117- 128 YEAR: 2017

AUTHORS: Antonio M. Reyes-Rodríguez, Justo García-Sanz-Calcedo, Lorenzo García-Moruno, and Julio Hernández-Blanco

TITLE: Analysis of Roofing Materials for Rural Buildings Projects: Costs and Visual Integration

REF. JOURNAL: Modern Environmental Science and Engineering ISSUE:2 (9) PAGES: 587-592 YEAR: 2016

AUTHORS: Jin Su Jeong, Lorenzo García-Moruno, Julio Hernández-Blanco, Alonso Sánchez-Ríos

TITLE: Planning of rural housings in reservoir areas under (mass) tourism based on a fuzzy DEMATEL-GIS/MCDA hybrid and participatory method for Alange, Spain

REF. JOURNAL: Habitat International ISSUE: 57 PAGES: 143- 153 YEAR: 2016

AUTHORS: Jin Su Jeong, M^a Jesús Montero-Parejo, Lorenzo García-Moruno, Julio Hernández-Blanco

TITLE: The visual evaluation of rural areas: A methodological approach for the spatial planning and color design of scattered second homes with an example in Hervás, Western Spain

REF. JOURNAL: Land Use Policy ISSUE: 46 PAGES: 330- 340 YEAR: 2015

AUTHORS: Jin Su Jeong, Julio Hernández-Blanco, Lorenzo García-Moruno, Francisco Javier Jaraíz-Caballillas

TITLE: An operational method to supporting siting decisions for sustainable rural second home planning in ecotourism sites

REF. JOURNAL: Land Use Policy ISSUE: 41 PAGES: 540- 550 YEAR: 2014

AUTHORS: Jin Su Jeong, Julio Hernández-Blanco, Lorenzo García-Moruno

TITLE: Approaches to validating a mutual participatory web-planning interface in rural Extremadura (Spain)

REF. JOURNAL: Land Use Policy ISSUE: 39 PAGES: 211- 223 YEAR: 2014

AUTHORS: Jin Su Jeong, Lorenzo García-Moruno, Julio Hernández-Blanco

TITLE: Un modelo web para la asistencia en la toma de decisiones en la integración de las construcciones rurales mediante planificación espacial multi-criterio

REF. JOURNAL: Informes de la Construcción

ISSUE: 66 PAGES: 533- 542 YEAR: 2014

AUTHORS: Hernández-Blanco, J.; López-Casares, S.; Montero-Parejo, M.J.

TITLE: Análisis metodológico de la relación entre envolvente y urbanización exterior en construcciones rurales para la mejora de la integración paisajística
REF. JOURNAL: Informes de la Construcción
ISSUE: 65 PAGES: 497- 508 YEAR: 2013

AUTHORS: Jin Su Jeong, Lorenzo García-Moruno, Julio Hernández-Blanco
TITLE: A site planning approach for rural buildings into a landscape using a spatial multi-criteria decision analysis methodology
REF. JOURNAL: Land Use Policy
ISSUE: 32 PAGES: 108- 118 YEAR: 2013

AUTHORS: Jin Su Jeong, Lorenzo García-Moruno, Julio Hernández-Blanco
TITLE: Integrating buildings into a rural landscape using a multi-criteria spatial decision analysis in GIS-enabled web environment
REF. JOURNAL: Biosystems Engineering
ISSUE: 112 PAGES: 82- 92 YEAR: 2012

AUTHORS: García Moruno, L; Montero-Parejo, M.J; Hernández-Blanco, J; López-Casares,S
TITLE: Analysis of lines and forms in buildings to rural landscape integration
REF. JOURNAL: Spanish Journal of Agricultural Research
ISSUE: 8 (3) PAGES: 833- 847 YEAR: 2010

C.2. Research projects and grants

Project title: DESERT-ADAPT – Preparing desertification areas for increased climate change.

Ref: LIFE16 CCA/IT/000011

Financing entity: Unión Europea. H2020. LIFE Partners: Universidad de Extremadura

Duration, from: 10/23/2017 until: 10/23/2020 Funds: 65.000€

Coordinator: Fernando Pulido Díaz

Project title: Estudio de la piedra en edificación rural para la integración medioambiental del diseño de fachadas: caso particular del noroeste de Extremadura (A7-6).

Financing entity: Universidad de Extremadura. Programa Orientado (Acción VII Iniciación a la Investigación y el Desarrollo Tecnológico).

Partners: Universidad de Extremadura

Duration, from: 1/10/2009 until: 1/10/2010 Funds: 6.000€

Coordinator: María Jesús Montero Parejo

Project title: La vegetación como elemento integrador de construcciones en el paisaje: metodología y propuestas para un urbanismo sostenible (BIA2007-61166)

Financing entity: MEC. Plan Nacional de I+D+I

Partners: Universidad de Extremadura, Universidad de Huelva

Duration, from: 01-10-2007 until: 30-09-2010 Funds: 52.877 EUR

Coordinator: Julio Hernández Blanco

C.3. Contracts

PROJECT TITLE: ASISTENCIA TÉCNICA PARA EL DESARROLLO DE UN DIAGNÓSTICO Y PLAN DE ACCIÓN PARA EL DESARROLLO DE ACCIONES PARA EL EMBELLECIMIENTO DE LOS NÚCLEOS Y ÁREAS PERIURBANAS EN EL VALLE DEL JERTE. AVERTE

FINANCING ENTITY: ASOCIACIÓN SOCIEDAD PARA LA PROMOCIÓN Y DESARROLLO DEL VALLE DEL JERTE

DURATION, FROM: 05-05-2018 until: 06-30-2019

COORDINATOR: Julio Hernández Blanco

FINANTIAL SUPPORT: 9.051 EUR

PROJECT TITLE: Aplicación de pantallas de vegetación autóctona para la mitigación del impacto paisajístico: metodología, selección de especies y casos prácticos

FINANCING ENTITY: Asociación Salmantina de agricultura de Montaña (ASAM)

DURATION, FROM: 1-10-2011 until: 31-12-2011

COORDINATOR: Julio Hernández Blanco

C.4. Patents

Inventors: Julio Hernández Blanco, Juan Morillo Barragán, Ángel Felipe Pulido Moreno
Title: Dispositivo y procedimiento de control para la trazabilidad de vehículos refrigerados
Code: 201231551
Priority: Spain Date: 04/09/2014
Institution: University of Extremadura

C.5. Directed doctoral theses

- Criteria on the use of vegetation screens to mitigate the visual impact of buildings on the landscape. 02-07-2014
- Approach to collaborative planning through multi-criteria spatial decision analysis for the integration of rural constructions into your environment through GIS-WEB tools. 06-02-2014
- Development and analysis of the accuracy of the GNSS (Global Satellite Navigation Systems) reference antenna network of Extreriépe. Traceability of fruit and vegetable transport fleets. 15-11-2013
- Design criteria of rural buildings taking into account the costs of their finishes and their integration into the landscape. University of Extremadura. 09-12-2009
- Criteria for action for the landscape use of water bodies in rural soil: particular case of Extremadura. University of Extremadura. 16-12-2008
- Technical criteria of legal application for the integration of buildings in the landscape. University of Extremadura. 15-12-2008