

## Ingeniería de la Construcción y Proyectos de Ingeniería

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**Áreas de conocimiento:** Ingeniería de la Construcción, Proyectos de Ingeniería

**Director:** Germán Martínez Montes

**Secretario:** F. Javier Alegre Bayo

**Página web:** <http://icpi.ugr.es>

**Profesorado:** CU: 2, PTU: 7, PDI Contratado: 8, Otros: 1

### Dirección y participación en Proyectos I+D

- 2020 SMARTI ETN - European Training Network on Sustainable Multi-functional Automated Resilient Transport Infrastructures., Competitivo MARIE SKLODOWSKA-CURIE INNOVATIVE TRAINING NETWORKS, 01/03/2017-28/02/2021

Participante MIGUEL DEL SOL SÁNCHEZ

- 2020 PM2 by European Commission. Open, free and common project management framework for all European institutions, companies and citizens. ¿ PM2EU+, Acción Jean Monnet (Erasmus Plus), 23/09/2020-23/09/2023

Investigador GERMAN MARTINEZ MONTES

### Contratos de investigación

- 2020 Ciclo integral del Agua, ingeniería Civil y Soluciones energéticas sostenibles y renovables:

Asistencias Técnicas genéricas, , 01/12/2011-30/11/2021

Responsable GERMAN MARTINEZ MONTES

- 2020 Estudio del comportamiento mecánico de mezclas bituminosas con fibras, , 05/04/2018-30/06/2020

Responsable FERNANDO MANUEL MORENO NAVARRO

Participante MIGUEL DEL SOL SÁNCHEZ

- 2020 Investigación y desarrollo nuevas capas de firme a partir del reciclado in situ de firmes asfáltico, , 01/02/2018-30/04/2020

Responsable FERNANDO MANUEL MORENO NAVARRO

- 2020 Métodos para acelerar la corrosión en anodos de zinc, ART. 68-83, 18/10/2018-31/03/2020

Responsable M<sup>a</sup> JOSÉ MARTÍNEZ-ECHEVARRÍA ROMERO

### Publicaciones en revistas

- 2021 Artículo: A parametric study on the impact of open-source inventory variability and uncertainty for the life cycle assessment of road bituminous pavements, International Journal of Life Cycle Assessment, , , -

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- 2021 Artículo: A parametric study on the impact of open-source inventory variability and uncertainty for the life cycle assessment of road bituminous pavements, International Journal of Life Cycle Assessment, , , -

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- 2021 Artículo: Multiscale evaluation of the effect of recycled polymers on the long-term performance of bituminous materials, Road Materials and Pavement Design, , , 1-18

FERNANDO MANUEL MORENO NAVARRO

MIGUEL DEL SOL SÁNCHEZ

RAÚL TAUSTE MARTÍNEZ

- 2020 Artículo: La figura de Responsable del Contrato según la Ley 9/2017. Regulación y responsabilidades, El Consultor de los Ayuntamientos y de los Juzgados, 1, 1, 1-10

GERMAN MARTINEZ MONTES

- 2020 Artículo: Sustainable building rating systems: A critical review for achieving a common consensus., Critical Reviews in Environmental Science and Technology, , , -

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- 2020 Artículo: Middle Term Evolution of Efficiency in Permeable Pavements: a Real Case Study in a Mediterranean climate, International Journal of Environmental Research and Public Health, 17, 21, 7774-

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- 2020 Artículo: A Critical Review of Roadway Sustainable Rating Systems, Sustainable Cities and Society, 63, , 1-10

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MIGUEL DEL SOL SÁNCHEZ

- 2020 Artículo: Management of Occupational Risk Prevention of Nanomaterials Manufactured in

Construction Sites in the EU, International Journal of Environmental Research and Public Health, 17, 24, 1000-27

MONICA LOPEZ ALONSO

- 2020 Artículo: Crushing treatment on recycled aggregates to improve their mechanical behaviour for use in unbound road layers, Construction and Building Materials, 263, , -

MONICA LOPEZ ALONSO

- 2020 Artículo: Thermal characterisation of electroconductive layers for anti-icing and de-snowing applications on roads, Road Materials and Pavement Design, , , -

FERNANDO MANUEL MORENO NAVARRO

- 2020 Artículo: Interpretation of the Magnetic Field Signals Emitted by Encoded Asphalt Pavement Materials, Sustainability, 12, 18, 7300-

FERNANDO MANUEL MORENO NAVARRO

- 2020 Review: A Review of the Contribution of Mechanomutable Asphalt Materials Towards Addressing the Upcoming Challenges of Asphalt Pavements, Infrastructures, 5, 3, 23-

FERNANDO MANUEL MORENO NAVARRO

- 2020 Artículo: Recycling Tire-Derived Aggregate as elastic particles under railway sleepers: impact on track lateral resistance and durability, Journal of Cleaner Production, 277, , -

FERNANDO MANUEL MORENO NAVARRO

MIGUEL DEL SOL SÁNCHEZ

RAÚL TAUSTE MARTÍNEZ

- 2020 Artículo en prensa: The Influence of Reclaimed Asphalt Pavement on the Mechanical Performance of Bituminous Mixtures. An Analysis at the Mortar Scale, Sustainability, 12, , -

FERNANDO MANUEL MORENO NAVARRO

RAÚL TAUSTE MARTÍNEZ

#### Capítulos de libros (con ISBN)

- 2021 Título Capítulo: Sustainability Building Rating Systems. A Critical Review. Time for Change?, Título Libro: Project Management and Engineering Research. AEIPRO 2019: Springer, Cham, 2021, 978-3-030-54409-6

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#### Contribuciones en congresos

- 2020 Comunicación en congreso: SOCIAL AND ENVIRONMENTAL CRITERIA IN PUBLIC PROCUREMENT. A REVIEW SINCE THE LAW 9/2017 ENTRY INTO FORCE, 24th International Congress on Project Management and Engineering, 07/07/2020, ALCOI (ALICANTE), Congreso

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