



Jose Manuel Diaz Sarachaga

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

Experienced practitioner (25+ year) in construction, project management and real estate sectors leading multidisciplinary teams in diverse countries (Spain, Tunisia, Mexico, Chile and KSA). Holder of certifications in sustainable construction (LEED, ENVISION), project management (PMP) and Real Estate (MRICS). After completing his PhD in 2017, his career was focused on Academia as teacher in some Mexican and Spanish universities, as well as postdoctoral researcher (National Researcher Level 1, Maria Zambrano fellow). Nowadays, he applies sustainability principles in a holistic and integrated manner to multiple fields inter alia, urban development, resilience, smart cities, construction, corporate social responsibility and sustainability assessment in the pursuit of effective solutions to global problems at local, regional, national and international levels. He launched Hurbannia, an entrepreneurial initiative approved on 27th August 2019 by the Regional Development Society of Cantabria (SODERCAN), as a first step to create later the Institute of Sustainability of Cantabria (ISOSCAN), a cluster of various regional companies and the Universidad Europea del Atlántico (UNEATLÁTICO) to raise private and public funding (EU, national/regional government) to tackle main structural issues of Cantabria by combining scientific methods with a business insight. The coronavirus pandemic cut short this endeavour.

Generation of knowledge is based on putting into practice relevant global initiatives (2030 Agenda/Sustainable Development Goals (SDGs), New Urban Agenda, Sendai Framework for Disaster Risk Reduction, etc.) under the prism of sustainability principles by addressing today's problems (development of the poorest countries, resilience to natural hazards, sustainable urban development, corporate sustainability, rural development, education for sustainability, citizenry engagement in governance). The applicant represents the University of Oviedo to the European School of Sustainability Science and Research (ESSSR), an inter-university consortium with more than 50 institutions engaged in the coordination of sustainability science teaching and research. Two research articles were written in collaboration with some ESSSR researchers. He assisted two doctoral students in completing their PhD in Mexico, whilst other Colombian doctorand is now being led. Evaluator of research proposals for the University of Mons (Belgium), Le Studium, a French Institute for Advanced Studies and CONACYT. Associate editor for three books published on Springer Nature, editorial board member of Discover Sustainability, Natural Resources Forum, International Journal of Sustainability in Higher Education and reviewer of 661 articles for JCR-indexed journals. Scientific committee member of the 6th International Conference on Sustainable Development (New York, 2018). H-index 13 (WoS and Scopus) and research interest score higher than 90% of ResearchGate members. Two 3-month predoctoral stays were carried out at Taif University in KSA (2015) and Tecnológico Monterrey in Mexico (2016), whilst a 4-month postdoctoral stay at Centre for Global Sustainability Studies (University Sains Malaysia) was completed in 2023. A further 4-month postdoctoral stay is scheduled from April to August 2024 in the Faculty of Architecture (Chulalongkorn University) in Thailand.



Jose Manuel Diaz Sarachaga

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ScopusID: **57190426326**
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Current professional situation

Employing entity: FUNDACION DE LA COMUNIDAD VALENCIANA UNIVERSIDAD INTERNACIONAL DE VALENCIA
Type of entity: University
Department: Facultad de Ingeniería
Professional category: Docente
Start date: 01/09/2022

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de Oviedo	Investigador (María Zambrano)	01/11/2022
2	ESIC University	Docente	01/09/2021
3	Hurbannia	Director	27/08/2019
4	Consejo Nacional de Ciencia y Tecnología (CONACYT) de México	Investigador (SNI I)	01/01/2019
5	Universidad Panamericana	Docente (tiempo parcial)	14/08/2017
6	Valbri Services SA de CV	Dirección Construcción	06/03/2016
7	Universidad La Salle	Docente (tiempo parcial)	01/08/2017
8	Universidad Panamericana	Docente (tiempo parcial)	31/07/2017
9	RMJM Arabia	Project / Construction Manager	15/05/2015
10	Geocean (Vinci Group)	Project Director	17/03/2014
11	Regiomontana de Construcción y Servicios SAPI de CV	Director de Construcción	13/02/2013
12	SSA Mexico (Carrix Group)	Gerente de Ingeniería	31/08/2010
13	Vetel S.A.	Director de Desarrollo de Negocio	15/02/2008
14	Jocainmo S.A.	Director Regional	06/04/2006
15	ING Real Estate Development S.A.	Project Manager/ Developer	03/11/2003
16	Gerens Hill International S.A.	Project / Construction Manager	17/01/2001
17	ACS	Jefe de Grupo de Obras	03/01/1999
18	Ferrovial & Agroman Internacional S.A.	Quantity Surveyor & Contract Manager	15/07/1997

	Employing entity	Professional category	Start date
19	AGROMAN EMPRESA CONSTRUCTORA, S.A.	Jefe de Obra	23/07/1992
20	AGROMAN EMPRESA CONSTRUCTORA, S.A.	Jefe de Producción	01/07/1990

- 1** **Employing entity:** Universidad de Oviedo **Type of entity:** University
Professional category: Investigador (María Zambrano)
Start-End date: 01/11/2022 - 31/12/2024 **Duration:** 3 years
- 2** **Employing entity:** ESIC University **Type of entity:** University
Professional category: Docente
Start-End date: 01/09/2021 - 31/01/2022 **Duration:** 5 months
Dedication regime: Full time
- 3** **Employing entity:** Hurbannia **Type of entity:** Business
Professional category: Director
Start-End date: 27/08/2019 - 01/01/2022
- 4** **Employing entity:** Consejo Nacional de Ciencia y Tecnología (CONACYT) de México **Type of entity:** Public Research Body
Department: Consejo Nacional de Ciencia y Tecnología (CONACYT) de México
City employing entity: Mexico City, Mexico
Professional category: Investigador (SNI I) **Leadership and management (Y/N):** No
Start-End date: 01/01/2019 - 31/12/2021
Type of contract: Temporary employment contract
Area of leadership and/or management activity: Public Research Body
- 5** **Employing entity:** Universidad Panamericana **Type of entity:** University
Professional category: Docente (tiempo parcial)
Start-End date: 14/08/2017 - 31/12/2018 **Duration:** 1 year - 4 months - 17 days
- 6** **Employing entity:** Valbri Services SA de CV **Type of entity:** Business
Professional category: Dirección Construcción
Start-End date: 06/03/2016 - 01/08/2018 **Duration:** 28 months - 25 days
- 7** **Employing entity:** Universidad La Salle **Type of entity:** University
Professional category: Docente (tiempo parcial)
Start-End date: 01/08/2017 - 31/01/2018 **Duration:** 6 months
- 8** **Employing entity:** Universidad Panamericana **Type of entity:** University
Professional category: Docente (tiempo parcial)
Start-End date: 31/07/2017 - 17/12/2017 **Duration:** 4 months - 17 days
- 9** **Employing entity:** RMJM Arabia
Professional category: Project / Construction Manager
Start-End date: 15/05/2015 - 03/03/2016



- 10** **Employing entity:** Geocan (Vinci Group) **Type of entity:** Business
Professional category: Project Director
Start-End date: 17/03/2014 - 14/05/2015
- 11** **Employing entity:** Regiomontana de Construcción y Servicios SAPI de CV
Professional category: Director de Construcción
Start-End date: 13/02/2013 - 15/03/2014
- 12** **Employing entity:** SSA Mexico (Carrix Group)
Professional category: Gerente de Ingeniería
Start-End date: 31/08/2010 - 12/02/2013
- 13** **Employing entity:** Vetel S.A.
Professional category: Director de Desarrollo de Negocio
Start-End date: 15/02/2008 - 01/03/2010
- 14** **Employing entity:** Jocainmo S.A. **Type of entity:** Business
Professional category: Director Regional
Start-End date: 06/04/2006 - 12/02/2008
- 15** **Employing entity:** ING Real Estate Development S.A. **Type of entity:** Business
Professional category: Project Manager/ Developer
Start-End date: 03/11/2003 - 05/04/2006
- 16** **Employing entity:** Gerens Hill International S.A. **Type of entity:** Business
Professional category: Project / Construction Manager
Start-End date: 17/01/2001 - 30/10/2003
- 17** **Employing entity:** ACS **Type of entity:** Business
Professional category: Jefe de Grupo de Obras
Start-End date: 03/01/1999 - 15/01/2001
- 18** **Employing entity:** Ferrovial & Agroman Internacional S.A. **Type of entity:** Business
Professional category: Quantity Surveyor & Contract Manager
Start-End date: 15/07/1997 - 02/01/1999
- 19** **Employing entity:** AGROMAN EMPRESA CONSTRUCTORA, S.A.
Professional category: Jefe de Obra
Start-End date: 23/07/1992 - 14/07/1997
- 20** **Employing entity:** AGROMAN EMPRESA CONSTRUCTORA, S.A.
Professional category: Jefe de Producción
Start-End date: 01/07/1990 - 22/07/1992



Summary of professional activity

Experienced practitioner (25+ year) in Construction, Project Management and Real Estate sectors leading multidisciplinary teams in diverse countries. Holder of outstanding international certifications in sustainability construction (LEED, ENVISION), project management (PMP) and Real Estate (MRICS). After completing his PhD in April 2017, his career is focused on Academia where he has taught in some Mexican and Spanish universities. Currently, he is researching in sustainable development where sustainability principles are applied to several fields inter alia, urban development, resilience, vulnerability, application of digital technologies to urban sustainability (smart cities, urban digital twins, metaverse, artificial intelligence), construction, corporate social responsibility, and sustainability assessment.



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

- 1 University degree:** Máster
Name of qualification: Master en Formación del Profesorado de Educación Secundaria
Degree awarding entity: Universidad de Cantabria **Type of entity:** University
Date of qualification: 05/07/2019
- 2 University degree:** Máster
Name of qualification: Máster Interuniversitario de Sostenibilidad y RSC
Degree awarding entity: Universidad Nacional de Educación a Distancia **Type of entity:** University
Date of qualification: 27/06/2019
- 3 University degree:** Máster
Name of qualification: Master Universitario en Dirección y Administración de Empresas MBA Ejecutivos
Degree awarding entity: Universidad de Oviedo **Type of entity:** University
Date of qualification: 23/03/1998
- 4 University degree:** Higher degree
Name of qualification: Ingeniero de Caminos, Canales y Puertos Especialidad Estructuras
Degree awarding entity: Universidad de Cantabria **Type of entity:** University
Date of qualification: 17/07/1992

Doctorates

Doctorate programme: Doctorado Ingeniería Civil (mención Internacional)
Degree awarding entity: Universidad de Cantabria **Type of entity:** University
Date of degree: 12/04/2017

Other postgraduate university studies

- 1 Postgraduate qualification:** Diplomado en Competencias Informacionales
Degree awarding entity: Universidad La Salle México **Type of entity:** University
Faculty, institute or centre: Coordinación de Formación Docente
Date of qualification: 08/03/2018
- 2 Postgraduate qualification:** Diplomado en Intervención Pedagógica
Degree awarding entity: Universidad La Salle México **Type of entity:** University
Faculty, institute or centre: Coordinación de Formación Docente



Date of qualification: 08/03/2018

Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1** **Training title:** LEED Green Associate certification
Awarding entity: US Green Building Council
End date: 06/07/2015
Type of entity: Instituto Sostenibilidad de Edificios
- 2** **Training title:** Project Management Professional (PMP)
Awarding entity: Project Management Institute (PMI)
End date: 16/11/2011
Type of entity: Instituto Project Management
- 3** **Training title:** Programa de Desarrollo Directivo (PDD)
Awarding entity: IESE Business School
End date: 21/07/2007
Type of entity: University Centres and Structures and Associated Bodies

Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

- 1** **Title of course/seminar:** T5.1.26: Data Science and Big Data Tools
Organising entity: Universidad de Huelva
Duration in hours: 8 hours
Start-End date: 13/02/2024 - 14/02/2024
Type of entity: University
- 2** **Title of course/seminar:** Aprendizaje basado en problemas
Organising entity: Universidad de Oviedo
Faculty, institute or centre: INIE
Duration in hours: 10 hours
Start-End date: 24/11/2022 - 01/12/2022
Type of entity: University
- 3** **Title of course/seminar:** Flipped Classroom: Un modelo para invertir el aula
Organising entity: Universidad de Oviedo
Faculty, institute or centre: INIE
Duration in hours: 10 hours
Start-End date: 20/06/2022 - 22/06/2022
Type of entity: University
- 4** **Title of course/seminar:** Participación en entornos Online y propuestas de Enseñanza - Aprendizaje
Organising entity: Universidad de Oviedo
Faculty, institute or centre: INIE
Duration in hours: 10 hours
Start-End date: 30/05/2022 - 06/06/2022
Type of entity: University
- 5** **Title of course/seminar:** Liderazgo y diseño ágil de proyectos
Organising entity: Universidad de Oviedo
Faculty, institute or centre: INIE
Duration in hours: 10 hours
Start-End date: 09/05/2022 - 11/05/2022
Type of entity: University



- 6** **Title of course/seminar:** Comunicación y Divulgación Científica
Organising entity: Universidad de Oviedo **Type of entity:** University
Faculty, institute or centre: INIE
Duration in hours: 10 hours
Start-End date: 07/03/2022 - 09/03/2022
- 7** **Title of course/seminar:** Habilidades de comunicación
Goals of the course/seminar: Mejora de las habilidades de comunicación
Organising entity: Universidad de Cantabria **Type of entity:** University
Duration in hours: 12 hours
Start-End date: 16/10/2018 - 18/10/2018
- 8** **Title of course/seminar:** Taller de Planeación Creativa
Goals of the course/seminar: Técnicas de enseñanza
Organising entity: Universidad Panamericana **Type of entity:** University
Faculty, institute or centre: Centro de Innovación Educativa
Duration in hours: 2 hours
Start-End date: 17/08/2017 - 17/08/2017
- 9** **Title of course/seminar:** Microenseñanza
Goals of the course/seminar: Curso-taller de técnicas de enseñanza
Organising entity: Universidad La Salle México **Type of entity:** University
Faculty, institute or centre: Coordinación Formación Docente
Duration in hours: 12 hours
Start-End date: 24/07/2017 - 27/07/2017

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	B2	B2	B2	B2	B2
English	C1	C1	C1	C1	C1
Spanish	C2	C2	C2	C2	C2

Teaching experience

General teaching experience

- 1** **Name of the course:** Investigación de Mercados / 5
University degree: Grado en Administración y Dirección de Empresas (GRADE)
Start date: 15/09/2021 **End date:** 31/01/2022
Entity: ESIC University **Type of entity:** University
Faculty, institute or centre: Campus Pozuelo de Alarcón
- 2** **Name of the course:** Corporate Statistics II / 2
University degree: Bachelor's Degree in Business Administration and Management (BBAM)
Start date: 31/01/2022 **End date:** 31/12/2021

**Entity:** ESIC University**Type of entity:** University**Faculty, institute or centre:** Campus Pozuelo de Alarcón**3 Name of the course:** Corporate Statistics II/ 2**University degree:** Bachelor's Degree in Business Administration and Management (BBAM)**Start date:** 31/01/2022**End date:** 31/12/2021**Entity:** ESIC University**Type of entity:** University**Faculty, institute or centre:** Campus Pozuelo de Alarcón**4 Name of the course:** Market Research II / 3**University degree:** Bachelor's Degree in Marketing (BDM)**Start date:** 31/01/2022**End date:** 31/12/2021**Entity:** ESIC University**Type of entity:** University**Faculty, institute or centre:** Campus Pozuelo de Alarcón**5 Name of the course:** Corporate Mathematics/ 1**University degree:** Bachelor's Degree in Business Administration and Management (BBAM)**Start date:** 15/09/2021**End date:** 31/12/2021**Entity:** ESIC University**Type of entity:** University**Faculty, institute or centre:** Campus Pozuelo de Alarcón**6 Name of the course:** Digital Corporate Social Responsibility / 4**University degree:** Grade Digital Business (GRDB)**Start date:** 15/09/2021**End date:** 31/12/2021**Entity:** ESIC University**Type of entity:** University**Faculty, institute or centre:** Campus Pozuelo de Alarcón**7 Name of the course:** Market Research I / 3**University degree:** Bachelor's Degree in Marketing (BDM)**Start date:** 15/09/2021**End date:** 31/12/2021**Entity:** ESIC University**Type of entity:** University**Faculty, institute or centre:** Campus Pozuelo de Alarcón**8 Name of the course:** Mathematics applied to marketing / 1**University degree:** Bachelor's Degree in Marketing (BDM)**Start date:** 15/09/2021**End date:** 31/12/2021**Entity:** ESIC University**Type of entity:** University**Faculty, institute or centre:** Campus Pozuelo de Alarcón**9 Name of the course:** Planeación de Proyectos**University degree:** Programa Posgrado de Ingeniería**Start date:** 26/08/2018**End date:** 01/12/2018**Entity:** Universidad Panamericana**Type of entity:** University**Faculty, institute or centre:** Ingeniería**10 Name of the course:** Planeación de Proyectos**University degree:** Programa Posgrado de Ingeniería**Start date:** 17/03/2018**End date:** 30/06/2018**Entity:** Universidad Panamericana**Type of entity:** University**Faculty, institute or centre:** Ingeniería



- 11** **Name of the course:** Ingeniería de Proyectos
University degree: Programa Posgrado de Ingeniería
Start date: 21/11/2017
Entity: Universidad Panamericana
Faculty, institute or centre: Ingeniería
End date: 07/03/2018
Type of entity: University
- 12** **Name of the course:** Proyecto Integrador
University degree: Grado en Ingeniería Civil
Start date: 07/08/2017
Entity: Universidad La Salle
Faculty, institute or centre: Ingeniería Civil
End date: 01/12/2017
Type of entity: University
- 13** **Name of the course:** Planeación de Proyectos
University degree: Programa Posgrado de Ingeniería
Start date: 19/08/2017
Entity: Universidad Panamericana
Faculty, institute or centre: Ingeniería
End date: 18/11/2017
Type of entity: University
- 14** **Name of the course:** Energía Hidráulica
University degree: Master Universitario en Energías Renovables
Start date: 01/09/2022
Entity: Universidad Internacional de Valencia
Faculty, institute or centre: Ingeniería
Type of entity: University

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Diseño de Metodología DevOps para Desarrollo de Software, Apoyado en las Mejores Prácticas de ITIL y Scrum para una Empresa de Comercialización con Varias Líneas de Negocio
Entity: Universidad Internacional de La Rioja
Student: Grace Ordoñez Ochoa
Date of reading: 29/06/2023
Type of entity: University
- 2** **Project title:** Desarrollo de una práctica ágil para diagnóstico de hardware de telefonía fija en entidades públicas en Bogotá.
Entity: Universidad Internacional de La Rioja
Student: David Olarte Escobar
Date of reading: 08/03/2023
Type of entity: University
- 3** **Project title:** Diseño de un sistema integrado de indicadores de sostenibilidad para el ámbito de las viviendas urbanas en ciudades emergentes
Entity: Universidad Nacional Autónoma de México
Student: Daniela Lucía Henao Argumedo
Date of reading: 09/04/2021
Type of entity: University
- 4** **Project title:** Transculturalidad como elemento significativo en la prevención de riesgos laborales: Una mirada al proyecto internacional del montaje de molinos en San Juan Sacatepéquez (Guatemala)
Entity: Plataforma Digital del Sistema de Educación a Distancia del Centro Estratégico de Certificación en Línea CECEL SIGLO XXI
Student: Voltar Varas Violante
Type of entity: University



Date of reading: 26/03/2018

- 5** **Project title:** Estudio Comparativo de los Sistemas de Certificación de Sostenibilidad de Proyectos de Infraestructuras

Type of project: End of course project

Co-director of thesis: Jorge Rodriguez Hernandez; Jose Manuel Diaz Sarachaga

Entity: Universidad de Cantabria

Type of entity: University

City of entity: Santander, Cantabria, Spain

Student: Eneko Mata Martinez

Obtained qualification: 7.0

Date of reading: 02/11/2017

European doctorate: No

Quality recognition: No

- 6** **Project title:** El papel de la empresa privada en el desarrollo sostenible. Caso de estudio de la ciudad de Bogotá

Entity: Universidad Loyola

Type of entity: University

Student: Omar Orostegui Restrepo

Student tutorials

- 1** **Name of the programme:** Doctorate

Entity: Universidad Nacional Autonoma de Mexico

Type of entity: University

City of entity: Ciudad de Mexico, Mexico

Number of tutored students: 1

- 2** **Name of the programme:** Doctorate

Entity: Plataforma Digital del Sistema de Educación a Distancia del Centro Estratégico de Certificación en Línea CECEL SIGLO XXI

Type of entity: University Centres and Structures and Associated Bodies

City of entity: Ciudad de Mexico, Mexico

Number of tutored students: 1

- 3** **Name of the programme:** Doctorate

Entity: Universidad Loyola

Type of entity: University

- 4** **Name of the programme:** Dirección TFM

Entity: FUNDACION DE LA COMUNIDAD VALENCIANA UNIVERSIDAD INTERNACIONAL DE VALENCIA

Regulated Mentoring: Yes

- 5** **Name of the programme:** Dirección de TFM

Entity: Universidad Internacional de La Rioja

Type of entity: University

Regulated Mentoring: Yes

- 6** **Name of the programme:** TFG

Entity: Universidad de Cantabria

Type of entity: University

Regulated Mentoring: Yes

Materials and other teaching or educational publications.

Jose Manuel Diaz-Sarachaga. Diseño de un cuestionario para la Evaluación de las competencias de los Docentes de Educación Secundaria (SEVADES). Aplicación a los centros de Educación Secundaria de Santander, Educatio Siglo XXI. 40 - 2, pp. 93 - 116. Universidad de Murcia. 30/06/2022. Available on-line at: <<https://doi.org/10.6018/educatio.46211>>.

Date of drafting: 04/01/2021

Format: Article(s)

Corresponding author: Yes

Participation in innovative teaching projects

Project title: PINN-19-A-080: Análisis de los Objetivos de Desarrollo Sostenible a través de las TIC: Objetivo 11 Ciudades y Comunidades Sostenibles

Type of participation: Team member

Time of working relationship: For a limited time

Funding entity: Universidad de Oviedo

Type of entity: University

Start-End date: 22/11/2019 - 12/12/2019

Other activities/achievements not included above

Description of the activity: CURSO. Infraestructuras Sostenibles en Latinoamérica_La Certificación de Proyectos como Herramienta de Ayuda

Organising entity: KPESIC Y CEDDET

Type of entity: Foundation

End date: 29/09/2017

Scientific and technological experience

Research and development groups/teams

- Name of the group:** DIG_URB-SUST Digital technologies in urban sustainability

Aims of the group: Application of nascent digital technologies to the sustainable urban development

Name of principal investigator: Jose Manuel Diaz-Sarachaga

Number of members in the group: 2

Type of collaboration: Co-authorship of projects and their development

City of group: Valencia, Valencian Community, Spain

Affiliation entity: FUNDACION DE LA COMUNIDAD VALENCIANA UNIVERSIDAD INTERNACIONAL DE VALENCIA

Narrative explanation: Urban sustainability seeks to improve the social, economic, and environmental conditions of a city to ensure the quality of life for current and future residents. Conversely to the static nature of urban development, the consideration of time in urban planning is essential to anticipate and validate future urban changes. Smart cities emerged as a panacea in the last decades, but they are a mere receptor for a massive amount of data from a large network of devices and sensors (Internet of Things) dispersed in the city. City information modelling has been developed to use big data to represent an interactive 3D model of urban areas since then. For instance, urban digital twins (UDTs) simulate changing urban scenarios to make more efficient urban ecosystems. However, the interaction with these models is yet a pending challenge to be faced. Aiming to bridge this gap, new

digital technologies based on virtual reality offer pioneering instruments to provide individuals with an immersive experience promoting the enhancement of a wide range of environmental, social, economic, and institutional aspects. DIG_URB-SUST thus pursues the application of digital technologies in sustainable urban development by particularly addressing social and institutional (governance) dimensions. Furthermore, DIG_URB_SUST intends to attract the attention and collaboration of experts in smart cities, urban digital twins, metaverse, data science, machine learning, artificial intelligence, blockchain, virtual/mixed/augmented reality, Internet of Things, among others, to achieve urban sustainability.

Start date: 20/12/2024

- 2** **Name of the group:** Estudios Cooperativos y Gestión de Entidades NO lucrativas (ETEA)
Aims of the group: Social matters
Affiliation entity: Universidad Loyola **Type of entity:** University
Start date: 01/07/2022
- 3** **Name of the group:** GTDS Grupo de Estudios Jurídico-Sociales sobre Territorio y Desarrollo Urbano Sostenible
Aims of the group: Estudios sobre Desarrollo Urbano y Territorial
Type of collaboration: Co-authorship of projects and their development
Affiliation entity: Universidad de Oviedo **Type of entity:** University
Start date: 01/10/2018
- 4** **Name of the group:** GITECO Grupo de Investigación de Tecnología de la Construcción
Aims of the group: Innovación y el Desarrollo Tecnológico de procesos y herramientas aplicados a la construcción
Type of collaboration: Co-authorship of projects and their development
Affiliation entity: Universidad de Cantabria **Type of entity:** University
Start date: 17/11/2014

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** Project MU-21-UP2021-030 13774398
Entity where project took place: Universidad de Oviedo **Type of entity:** University
City of entity: Oviedo, Principality of Asturias, Spain
Name principal investigator (PI, Co-PI....): Jose Manuel Diaz-Sarachaga
Nº of researchers: 1
Name of the programme: Maria Zambrano
Code according to the funding entity: Ministerio de Universidades de España
Start-End date: 01/01/2022 - 31/12/2024 **Duration:** 3 years
- 2** **Name of the project:** Proyecto SV-PA-20-01
Entity where project took place: FUNDACION UNIVERSIDAD DE OVIEDO
City of entity: Oviedo, Principality of Asturias, Spain
Name principal investigator (PI, Co-PI....): Jose Manuel Diaz-Sarachaga
Funding entity or bodies: FUNDACION UNIVERSIDAD DE OVIEDO
Start-End date: 01/06/2020 - 31/05/2023

3 Name of the project: PID2019-108120RB-C33**Entity where project took place:** Universidad Politécnica de Madrid**Type of entity:** University**City of entity:** Madrid, Community of Madrid, Spain**Name principal investigator (PI, Co-PI....):** Agustín Hernandez Aja**Funding entity or bodies:**

Universidad Politécnica de Madrid

Type of entity: University**Start-End date:** 14/10/2019 - 30/06/2021**4 Name of the project:** Proyecto EXP-00084916 / SNEO -20151181**Entity where project took place:** Universidad de Santiago de Compostela**Type of entity:** University**Funding entity or bodies:**

Centro para el Desarrollo Tecnológico Industrial (CDTI)

Type of entity: Innovation and Technology Centres**City funding entity:** madrid, Community of Madrid, Spain**Start-End date:** 18/01/2016 - 29/06/2018**Total amount:** 150.645,6 €**R&D non-competitive contracts, agreements or projects with public or private entities****Name of the project:** Incorporador de la tecnología digital en el sector comercial español y su contribución al desarrollo sostenible**Entity where project took place:** FUNDACION UNIVERSIDAD DE OVIEDO**Degree of contribution:** Researcher**Entity where project took place:** FUNDACION UNIVERSIDAD DE OVIEDO**Funding entity or bodies:**

Consejería de Economía y Hacienda

Type of entity: Principado de Asturias**Start date:** 01/12/2020**Duration:** 1 year**Results****Industrial and intellectual property****1 Title registered industrial property:** Edificios Modulares a Base de Paneles Prefabricados de Hormigón. Sistema HB : "Hard Box"**Inventors/authors/obtainers:** Juan Miguel Lozano Saiz; Francisco Jose Moreno Sánchez-Cañete; Jose Manuel Diaz-Sarachaga**Entity holder of rights:** Autores**Nº of application:** 202432094**Country of inscription:** Spain, Galicia**Date of register:** 11/11/2024**Conferral date:** 11/11/2024**2 Title registered industrial property:** Elemento de construcción prefabricado**Inventors/authors/obtainers:** Francisco José Moreno Sánchez-Cañete; Carlos Povedano Soldevilla; Sergio Zabala Vidal; Jose Manuel Diaz Sarachaga



Entity holder of rights: Autores

Nº of application: 008847784-0001

Country of inscription: Spain, Community of Madrid

Date of register: 28/01/2022

Scientific and technological activities

Scientific production

- 1** **H index:** 13
Date of application: 18/12/2024
Source of H-Index: WOS
- 2** **H index:** 14
Date of application: 18/12/2024
Source of H-Index: GOOGLE SCHOLAR
- 3** **H index:** 13
Date of application: 18/12/2024
Source of H-Index: SCOPUS
- 4** **H index:** 15
Date of application: 18/12/2024
Source of H-Index: ResearchGate

Publications, scientific and technical documents

- 1** Jose Manuel Diaz Sarachaga; Joana Longo Sarachaga. Lights and shadows in the operationalization of sustainability through the 2030 Agenda in Spanish universities. International Journal of Sustainability in Higher Education. 25 - 3, pp. 489 - 513. Emerald Publishing Limited, 03/10/2023.
DOI: 10.1108/IJSHE-08-2022-0277
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 2
Relevant publication: Yes
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
- 2** Jose Manuel Diaz-Sarachaga; Antonio Ariza Montes. The role of social entrepreneurship in the attainment of the sustainable development goals. Journal of Business Research. 152, pp. 242 - 250. Elsevier, 03/08/2022.
DOI: 10.1016/j.jbusres.2022.07.061
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 2
Relevant publication: Yes
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
- 3** Jose Manuel Diaz-Sarachaga. Shortcomings in reporting contributions towards the sustainable development goals. Corporate Social Responsibility and Environmental Management. 28 - 4, pp. 1299 - 1312. Wiley Online Library, 02/03/2021.

**DOI:** 10.1002/csr.2129**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 1**Relevant publication:** Yes**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes

- 4** Jose Manuel Diaz-Sarachaga; Daniel Jato Espino. Analysis of vulnerability assessment frameworks and methodologies in urban areas. Natural Hazards. Springer, 30/09/2019.

DOI: 10.1007/s11069-019-03805-y**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 2**Relevant publication:** Yes**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No

- 5** Jose Manuel Diaz-Sarachaga; Daniel Jato Espino. Do sustainable community rating systems address resilience?. Cities. 93, pp. 62 - 71. Elsevier, 06/05/2019.

DOI: 10.1016/j.cities.2019.04.018**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 2**Relevant publication:** Yes**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No

- 6** Jose Manuel Diaz-Sarachaga; Daniel Jato Espino. Development and application of a new Resilient, Sustainable, Safe and Inclusive Community Rating System (RESSICOM). Journal of Cleaner Production. 207, pp. 971 - 979. Elsevier, 09/10/2018.

DOI: 10.1016/j.jclepro.2018.10.061**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 2**Relevant publication:** Yes**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No

- 7** Daniel Jato Espino; Salvador Guzman Sanchez; Ignacio Lombillo; Jose Manuel Diaz-Sarachaga. Assessment of the contributions of different flat roof types to achieving sustainable development Author links open overlay panel. Building and Environment. 141, pp. 182 - 192. Elsevier, 02/06/2018.

DOI: 10.1016/j.buildenv.2018.05.063**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 4**Relevant publication:** Yes**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No

- 8** Jose Manuel Diaz-Sarachaga; Daniel Jato Espino; Daniel Castro Fresno. Is the Sustainable Development Goals (SDG) index an adequate framework to measure the progress of the 2030 Agenda?. Sustainable Development. 26 - 6, pp. 663 - 671. Wiley Online Library, 15/03/2018.

DOI: 10.1002/sd.1735**Type of production:** Scientific paper**Position of signature:** 1**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 3**Relevant publication:** Yes**Corresponding author:** No

- 9** Jose Manuel Diaz-Sarachaga; Daniel Jato Espino; Daniel Castro Fresno. Evaluation of LEED for Neighbourhood Development and Envision Rating Frameworks for Their Implementation in Poorer Countries. Sustainability. 10 - 2, pp. 492. MDPI, 12/02/2018.

DOI: 10.3390/su10020492**Type of production:** Scientific paper**Position of signature:** 1**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Total no. authors:** 3**Relevant publication:** Yes

- 10** Jose Manuel Diaz-Sarachaga; Daniel Jato Espino; Daniel Castro Fresno. Application of the Sustainable Infrastructure Rating for Developing Countries (SIRSDEC) to a case study. Environmental Science & Policy. 69, pp. 73 - 80. Elsevier, 16/12/2016.

DOI: 10.1016/j.envsci.2016.12.011**Type of production:** Scientific paper**Position of signature:** 1**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Total no. authors:** 3**Relevant publication:** Yes

- 11** Jose Manuel Diaz-Sarachaga; Daniel Jato Espino; Daniel Castro Fresno. Methodology for the development of a new Sustainable Infrastructure Rating System for Developing Countries (SIRSDEC). Environmental Science & Policy. 69, pp. 65 - 72. Elsevier, 16/12/2016.

DOI: 10.1016/j.envsci.2016.12.010**Type of production:** Scientific paper**Position of signature:** 1**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Total no. authors:** 3**Relevant publication:** Yes

- 12** Jose Manuel Diaz-Sarachaga; Daniel Jato Espino; Badr Alsulami; Daniel Castro Fresno. Evaluation of existing Sustainable Infrastructure Rating Systems for their application in Developing Countries. Ecological Indicators. 71, pp. 491 - 502. Elsevier, 20/07/2016.

DOI: 10.1016/j.ecolind.2016.07.033**Type of production:** Scientific paper**Position of signature:** 1**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Total no. authors:** 4**Relevant publication:** Yes

- 13** Jose Manuel Diaz-Sarachaga. Application of the 2030 Agenda in the Principality of Asturias (Spain). SDGs in the European Region. Springer Cham, 31/01/2023.

DOI: 10.1007/978-3-031-17461-2_51**Type of production:** Book chapter**Position of signature:** 1**Format:** Book**Degree of contribution:** Author or co-author of chapter in book**Corresponding author:** Yes**Total no. authors:** 1**Relevant publication:** Yes



- 14** Jose Manuel Diaz-Sarachaga. Impacts of Social Hazards on Urban Sustainability. Handbook of Sustainability Science in the Future. Springer Cham, 07/09/2022.
DOI: 10.1007/978-3-031-04560-8_17
Type of production: Book chapter
Position of signature: 1
Total no. authors: 1
Relevant publication: Yes
Format: Book
Degree of contribution: Author or co-author of chapter in book
Corresponding author: Yes
- 15** Jose Manuel Diaz-Sarachaga. Developing an assessment governance framework for urban digital twins: Insights from smart cities. Cities. 156, pp. 10558. Elsevier, 30/10/2024.
DOI: 10.1016/j.cities.2024.105558
Type of production: Scientific paper
Corresponding author: Yes
Format: Journal
- 16** Jose Manuel Diaz-Sarachaga; Joana Longo Sarachaga. Diagnosis on the implementation of the New Urban Agenda. Global Sustainability. 7 - 37, Cambridge University Press, 25/09/2024.
DOI: 10.1017/sus.2024.34
Type of production: Scientific paper
Corresponding author: Yes
Format: Journal
- 17** Jose Manuel Diaz-Sarachaga. May urban digital twins spur the New Urban Agenda? The Spanish case study. Sustainable Cities and Society. 114, pp. 105778. Elsevier, 30/08/2024.
DOI: 10.1016/j.scs.2024.105788
Type of production: Scientific paper
Corresponding author: Yes
Format: Journal
- 18** Jose Manuel Diaz-Sarachaga; Francisco Jose Moreno Sanchez-Cañete. Boosting the Spanish Urban Agenda through Urban Living Labs: The Case Study of Madrid. Sustainable Development. 32 - 5, pp. 5019 - 5030. Wiley, 10/03/2024.
DOI: 10.1002/sd.2950
Type of production: Scientific paper
Corresponding author: Yes
Format: Journal
- 19** Jose Manuel Diaz-Sarachaga. Diseño de un cuestionario para la Evaluación de las competencias de los Docentes de Educación Secundaria (SEVADES). Aplicación a los centros de Educación Secundaria de Santander. Educatio Siglo XXI. 40 - 2, pp. 93 - 116. 30/06/2022.
DOI: 10.6018/educatio.462111
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 1
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
- 20** Jose Manuel Diaz-Sarachaga. Linking sustainable urban development with town planning through proximity trade. European Journal of Sustainable Development. 10 - 4, European Center of Sustainable Development, 01/10/2021.
DOI: 10.14207/ejsd.2021.v10n4p121
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 1
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes



- 21** Jose Manuel Diaz-Sarachaga. Defining social hazards: an upward trend. Academia Letters. 2724, Academia, 09/08/2021.
DOI: 10.20935/AL2724
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 1
Format: Journal
Degree of contribution: Author or co-author of article in journal without external admissions assessment committee
Corresponding author: Yes
- 22** Carmen García-Peña; Moneyba Gonzalez-Medina; Jose Manuel Diaz-Sarachaga. Assessment of the Governance Dimension in the Frame of the 2030 Agenda: Evidence from 100 Spanish Cities. Sustainability. 13 - 10, pp. 5519. MDPI, 14/05/2021.
DOI: 10.3390/su13105519
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 3
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
- 23** Jose Manuel Diaz-Sarachaga. Monetizing impacts of Spanish companies toward the Sustainable Development Goals. Corporate Social Responsibility and Environmental Management. 28 - 4, pp. 1313 - 1323. Wiley Online Library, 11/05/2021.
DOI: 10.1002/csr.2149
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 1
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
- 24** Jose Manuel Diaz-Sarachaga. Combining participatory processes and the Sustainable Development Goals to revitalize a rural area in Cantabria. Land. 9 - 11, pp. 412. MDPI, 27/10/2020.
DOI: 10.3390/land9110412
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 1
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
- 25** Jose Manuel Diaz-Sarachaga. Analysis of the Local Agenda 21 in Madrid Compared with Other Global Actions in Sustainable Development. International Journal of Environmental Research and Public Health. 16 - 19, pp. 3685. MDPI, 30/09/2019.
DOI: 10.3390/ijerph16193685
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 1
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
- 26** Jose Manuel Diaz-Sarachaga. La Certificación de la Sostenibilidad de las Infraestructuras en América Latina. IC Ingenieria Civil. 580, pp. 28 - 31. Colegio de Ingenieros Civiles de Mexico A.C, 30/09/2017.
Type of production: Popular science article
Corresponding author: Yes
Format: Journal
- 27** Jose Manuel Diaz-Sarachaga. Integration of the Triple Helix Model in Sustainability Research. ISOSCAN as Case Study. An Agenda for Sustainable Development Research. World Sustainability Series. Springer, 21/09/2024.
DOI: 10.1007/978-3-031-65909-6_28
Type of production: Book chapter



Corresponding author: Yes

- 28** Jose Manuel Diaz-Sarachaga. Evaluación de la contribución de las Agendas Urbanas Españolas en el Desarrollo Sostenible de las ciudades. Las agendas urbanas y el gobierno de las ciudades. pp. 221 - 244. Editorial Reus, 15/09/2020. Available on-line at: <<https://dialnet.unirioja.es/servlet/articulo?codigo=7742428>>.

DOI: 10.30462/9788429023589

Type of production: Book chapter

Position of signature: 1

Total no. authors: 1

Format: Book

Degree of contribution: Author or co-author of chapter in book

Corresponding author: Yes

Works submitted to national or international conferences

- 1** **Title of the work:** Smart Urban Governance: The Baseline for Governing Future Cities
Name of the conference: VII Congreso Ibero-Americano de Ciudades Inteligentes | ICSC-CITIES 2024
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: San Carlos, Costa Rica
Date of event: 12/11/2024
End date: 14/11/2024
Organising entity: Tecnológico de Costa Rica (TEC)
City organizing entity: San Carlos, Costa Rica
Jose Manuel Diaz-Sarachaga.
- 2** **Title of the work:** Urban Living Labs as Exponent of Co-Creation
Name of the conference: 2nd Conference on Sustainability in Creative Industries
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Ciputra, Indonesia
Date of event: 07/11/2023
End date: 09/11/2023
Organising entity: Universitas Ciputra & IEREK **Type of entity:** University
City organizing entity: Ciputra, Indonesia
Jose Manuel Diaz-Sarachaga.
- 3** **Title of the work:** The role of social entrepreneurship in the attainment of the sustainable development goals
Name of the conference: ACIEK CONFERENCE SEVILLE 2022
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Sevilla, Andalusia, Spain
Date of event: 28/06/2022
End date: 30/06/2022
Organising entity: ACIEK
City organizing entity: Sevilla, Spain
Jose Manuel Diaz-Sarachaga; Antonio Ariza Montes. "The role of social entrepreneurship in the attainment of the sustainable development goals".

- 4** **Title of the work:** Incorporación de la tecnología digital en el sector comercial español y su contribución al desarrollo urbano sostenible
Name of the conference: X CONGRESO INTERNACIONAL DE ORDENACIÓN DEL TERRITORIO
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Valencia, Valencian Community, Spain
Date of event: 17/11/2021
End date: 19/11/2021
Organising entity: FUNDICOTEX ASOC PROFESIONAL PARA LA ORDENACION DEL TERRITORIO EL AMBIENTE EL DESARROLLO SOSTENIBLE
City organizing entity: Valencia, Valencian Community, Spain
Jose Manuel Diaz-Sarachaga. "Incorporación de la tecnología digital en el sector comercial español y su contribución al desarrollo urbano sostenible".
- 5** **Title of the work:** Linking sustainable urban development with town planning through proximity trade
Name of the conference: ICSD 2021: 9th International Conference on Sustainable Development
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Roma, Italy
Date of event: 08/09/2021
End date: 09/09/2021
Organising entity: European Center of Sustainable Development in collaboration with Canadian Institute of Technology
City organizing entity: Roma, Italy
Jose Manuel Diaz-Sarachaga. "Linking sustainable urban development with town planning through proximity trade".
- 6** **Title of the work:** The contribution of Smart Cities to the achievement of the Sustainable Development Goal 11: Sustainable Cities and Communities
Name of the conference: XI International Greencities Congress
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Malaga, Andalusia, Spain
Date of event: 30/09/2020
End date: 01/10/2021
Organising entity: Ayuntamiento de Malaga/FYCMA
City organizing entity: Málaga, Andalusia, Spain
Jose Manuel Diaz-Sarachaga. "The contribution of Smart Cities to the achievement of the Sustainable Development Goal 11: Sustainable Cities and Communities".
- 7** **Title of the work:** Assessment of the contributions of Spanish Urban Agendas to achieving sustainable urban development
Name of the conference: 8th International Conference on Sustainable Development
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: New York, United States of America
Date of event: 21/09/2020



End date: 22/09/2021

Organising entity: Sustainable Development Solutions Network

Type of entity: State agency

City organizing entity: New York, United States of America

Jose Manuel Diaz-Sarachaga. "Assessment of the contributions of Spanish Urban Agendas to achieving sustainable urban development".

8 Title of the work: Analysis of the Global Resilience Assessment Frameworks for the Urban Realm

Name of the conference: 5th International Conference on Sustainable Development

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Belgrado, Serbia

Date of event: 17/04/2019

End date: 21/04/2019

Organising entity: Zenith Group

City organizing entity: Belgrado, Serbia

Jose Manuel Diaz-Sarachaga. "Analysis of the Global Resilience Assessment Frameworks for the Urban Realm".

9 Title of the work: The Effect of Sustainable Development Goals in Sustainable Infrastructure Rating Systems

Name of the conference: IV Congreso Internacional Medio Ambiente Construido y Desarrollo Sustentable (MACDES 2016)

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: La Habana, Cuba

Date of event: 21/11/2016

End date: 25/11/2016

Organising entity: Instituto Superior Politécnico "José Antonio Echeverría"

City organizing entity: La Habana, Cuba

Jose Manuel Diaz-Sarachaga.

10 Title of the work: The role of sustainable infrastructure rating systems in urban development

Name of the conference: I Congreso Internacional de Ingeniería Civil

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Madrid, Community of Madrid, Spain

Date of event: 02/03/2016

End date: 03/03/2016

Organising entity: Colegio de Ingenieros de Caminos, Canales y Puertos

City organizing entity: Madrid, Community of Madrid, Spain

Jose Manuel Diaz-Sarachaga.

Science Outreach activities

- 1** **Title of the work:** La Certificación de la Sostenibilidad de los Proyectos de Infraestructura a través de un caso práctico en Latinoamérica y sus Futuras Aplicaciones
Name of the event: Diálogo con Ingenieros del CICM
Type of event: Conferences given
Corresponding author: Yes
City of event: Ciudad de Mexico, Mexico
Date of event: 18/09/2017
Organising entity: Colegio de Ingenieros Civiles de Mexico A.C.
City organizing entity: Ciudad de Mexico, Mexico
Jose Manuel Diaz Sarachaga.
- 2** **Title of the work:** Infraestructura sostenibles: la certificación de proyecto como herramienta de ayuda
Type of event: Curso Online **Geographical area:** Worldwide
Reasons for participation: Upon invitation
Corresponding author: Yes
City of event: Ciudad de Mexico, Mexico
Date of event: 09/2017
Organising entity: Fundacion CEDDET **Type of entity:** Foundation
City organizing entity: Madrid, Community of Madrid, Spain
Jose Manuel Diaz Sarachaga.
- 3** **Title of the work:** La Certificación de la Sostenibilidad de los Proyectos de Infraestructuras en Latinoamérica
Type of event: Webinar
Corresponding author: Yes
City of event: Ciudad de Mexico, Mexico
Date of event: 03/2017
Organising entity: Fundacion CEDDET
City organizing entity: Madrid, Community of Madrid, Spain
Jose Manuel Diaz Sarachaga.

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Guest Editor
Affiliation entity: Sustainability **Type of entity:** Journal
Start-End date: 01/06/2021 - 30/06/2022
- 2** **Committee title:** Guest Editor
Affiliation entity: Sustainability Journal
Start-End date: 18/10/2019 - 30/05/2020
- 3** **Committee title:** 6th International Conference on Sustainable Development
Affiliation entity: Sustainable Development **Type of entity:** Naciones Unidas
Solutions Network



City affiliation entity: New York, United States of America

Start-End date: 26/09/2018 - 28/09/2018

- 4** **Committee title:** Editorial Board
Affiliation entity: Discover Cities
Start date: 24/07/2024
- 5** **Committee title:** Associate Editor
Affiliation entity: Springer Nature (North American and European Perspectives on Sustainability in Higher Education) **Type of entity:** Editorial
Start date: 11/12/2023
- 6** **Committee title:** Editorial Board
Affiliation entity: Frontiers in Sustainable Cities
Start date: 26/10/2023
- 7** **Committee title:** Associate Editor
Affiliation entity: Springer Nature (Handbook of Sustainable Blue Economy) **Type of entity:** Editorial
Start date: 13/09/2023
- 8** **Committee title:** Editorial Board
Affiliation entity: Discover Sustainability
Start date: 02/02/2023
- 9** **Committee title:** Associate Editor
Affiliation entity: International Journal of Sustainability in Higher Education
- 10** **Committee title:** Associate Editor
Affiliation entity: Springer Nature (Handbook of Sustainability Science in the Future)
- 11** **Committee title:** Associate Editor
Affiliation entity: Springer Nature (SDGs in the European Region)
- 12** **Committee title:** Editorial Advisor
Affiliation entity: Natural Resources Forum
- 13** **Committee title:** Reviewer Board
Affiliation entity: Land
- 14** **Committee title:** Reviewer Board
Affiliation entity: Sustainability

Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** TESIS Y PASANTÍAS DE CIENCIA, TECNOLOGÍA E INNOVACIÓN 2022-01
Performed tasks: Expert for evaluation
Entity where activity was carried out: CONCYTEC **Type of entity:** Public Research Body
City of entity: Peru
Start-End date: 17/12/2022 - 15/01/2023
- 2** **Name of the activity:** Estancias Posdoctorales por México 2022
Performed tasks: Expert for evaluation
Entity where activity was carried out: CONACYT **Type of entity:** Public Research Body
City of entity: Mexico
Start-End date: 09/11/2022 - 15/11/2022
- 3** **Name of the activity:** Review MSCA project
Performed tasks: Expert for evaluation
Entity where activity was carried out: University of Mons and the University of Namur **Type of entity:** University
City of entity: Belgium
Start-End date: 21/03/2022 - 01/05/2022
- 4** **Name of the activity:** Urban resilience in the face of pandemics, emphasizing COVID-19; a case study of Tours (France)
Performed tasks: Expert for Evaluation
Entity where activity was carried out: Le Studium **Type of entity:** University Research Institute
City of entity: Centre-Val de Loire, France
End date: 13/04/2021
- 5** **Name of the activity:** Comisión de Evaluación de la Actividad Investigadora (CEAI). Campo 0: Interdisciplinar y Campo 6: Ingenierías y Arquitectura
Performed tasks: Expert for evaluation
Entity where activity was carried out: FUNDACION DE LA COMUNIDAD VALENCIANA UNIVERSIDAD INTERNACIONAL DE VALENCIA
City of entity: Valencian Community, Spain
Start date: 18/12/2024
- 6** **Name of the activity:** Reviewer of articles
Performed tasks: More than 775 revised articles submitted to journals indexed in JCR
Entity where activity was carried out: Several (Springer, Emerald, Elsevier, Taylor & Francis, etc)
Start date: 01/01/2017



Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Hiroshima University **Type of entity:** University
Faculty, institute or centre: IDEC Institute
City of entity: Hiroshima, Japan
Start-End date: 01/03/2025 - 30/06/2025
Goals of the stay: Post-doctoral
Type of stay: Investigación
- 2** **Entity:** Universidad Politécnica de Madrid **Type of entity:** University
Faculty, institute or centre: Escuela de Ingeniería de Caminos, Canales y Puertos
City of entity: Madrid, Community of Madrid, Spain
Start-End date: 01/10/2024 - 20/12/2024 **Duration:** 3 months
Funding entity: Universidad de Oviedo **Type of entity:** University
City funding entity: Oviedo, Principality of Asturias, Spain
Name of programme: Herramientas realidad virtual aplicadas sostenibilidad urbana
Goals of the stay: Post-doctoral
Type of stay: Investigación
- 3** **Entity:** Chulalongkorn University **Type of entity:** University
Faculty, institute or centre: Faculty of Architecture
City of entity: Bangkok, Thailand
Start-End date: 01/04/2024 - 01/08/2024 **Duration:** 4 months
Funding entity: Universidad de Oviedo **Type of entity:** University
City funding entity: Oviedo, Principality of Asturias, Spain
Name of programme: Desarrollo de gemelos digitales urbanos desde soluciones de smart cities
Goals of the stay: Post-doctoral
- 4** **Entity:** Universiti Sains Malaysia **Type of entity:** University
Faculty, institute or centre: Centre for Global Sustainability Studies
City of entity: Penang, Malaysia
Start-End date: 16/08/2023 - 24/11/2023 **Duration:** 3 months - 8 days
Funding entity: Universidad de Oviedo **Type of entity:** University
City funding entity: Oviedo, Principality of Asturias, Spain
Name of programme: Diagnóstico de la implementación internacional de la Nueva Agenda Urbana
Goals of the stay: Post-doctoral
- 5** **Entity:** Tecnológico de Monterrey **Type of entity:** University
Faculty, institute or centre: Escuela de Educación, Humanidades y Ciencias Sociales
City of entity: Ciudad de México, Mexico
Start-End date: 01/07/2016 - 30/09/2016
Goals of the stay: Doctorate
Provable tasks: Impacto Social del Desarrollo Sostenible



- 6** **Entity:** University of Taif **Type of entity:** University
Faculty, institute or centre: Civil Engineering
City of entity: Taif, Saudi Arabia
Start-End date: 24/08/2015 - 31/12/2015
Goals of the stay: Doctorate
Provable tasks: Métodos y análisis cuantitativos (Fuzzy numbers)

Obtained grants and scholarships

Name of the grant: Maria Zambrano Fellowship
Aims: Post-doctoral
Awarding entity: Ministerio de Ciencia e Innovación. **Type of entity:** Government Universities
Conferral date: 28/12/2021
End date: 31/12/2024
Entity where activity was carried out: University of Oviedo

Scientific societies and professional associations

- 1** **Name of the society:** US Green Building Council
Affiliation entity: USGBC
City affiliation entity: Washington, United States of America
Start date: 06/07/2015
- 2** **Name of the society:** RICS Royal Institution of Chartered Surveyors
Affiliation entity: RICS
City affiliation entity: London, Inner London, United Kingdom
Start date: 07/12/2011
- 3** **Name of the society:** PMI Project Management Institute
Affiliation entity: PMI
City affiliation entity: Pensilvania, United States of America
Start date: 28/09/2011

Co-operation networks

- 1** **Name of the network:** European School of Sustainability Science and Research (ESSSR)
Identification of the network: Sustainability science
Start date: 07/03/2020
- 2** **Name of the network:** Sustainable Development Solutions Network (Global)
Identification of the network: Sustainable Development
Start date: 07/05/2019
- 3** **Name of the network:** URBAN RED Red Temática sobre Desarrollo Urbano Sostenible
Identification of the network: Desarrollo Urbano Sostenible
Start date: 03/03/2019

Periods of research activity and knowledge transfer

Name of the action: Sexenio CNEAI

Certifying entity: FUNDACION DE LA COMUNIDAD VALENCIANA UNIVERSIDAD INTERNACIONAL DE VALENCIA

Date of recognition: 28/06/2024

Six-year period of active research: Yes

Type of activity: Research

Starting year: 2018

Completion date: 2023

Periodo cubierto: 2018, 2019, 2020, 2021, 2022, 2023/:/:2018, 2019, 2020, 2021, 2022, 2023

Call year: 2024

Obtained accreditations/recognitions

1 Description: Profesor Contratado Doctor

Accrediting entity: Agencia Nacional de Evaluación **Type of entity:** State agency de la Calidad y Acreditación

City accrediting entity: Madrid, Community of Madrid, Spain

Date of recognition: 16/04/2020

2 Description: Profesor de Universidad Privada

Accrediting entity: Agencia Nacional de Evaluación **Type of entity:** State agency de la Calidad y Acreditación

City accrediting entity: Madrid, Community of Madrid, Spain

Date of recognition: 16/04/2020

3 Description: Profesor Ayudante Doctor

Accrediting entity: Agencia Nacional de Evaluación **Type of entity:** State agency de la Calidad y Acreditación

City accrediting entity: Madrid, Community of Madrid, Spain

Date of recognition: 12/03/2019

4 Description: Investigador Nacional Nivel I

Accrediting entity: CONACYT

Type of entity: Public Research Body

City accrediting entity: Ciudad de Mexico, Mexico

Date of recognition: 25/09/2018

5 Description: ENVISION Sustainable Professional

Accrediting entity: Institute for Sustainable Infrastructure

Type of entity: University Centres and Structures and Associated Bodies

City accrediting entity: Washington, United States of America

Date of recognition: 18/12/2015

6 Description: LEED Green Associate

Accrediting entity: U.S. Green Building Council

Type of entity: Associations and Groups

City accrediting entity: Washington, United States of America

Date of recognition: 06/07/2015



- 7** **Description:** RICS Chartered Project Management Surveyor
Accrediting entity: RICS Royal Institution of Chartered Surveyors **Type of entity:** Associations and Groups
City accrediting entity: London, Inner London, United Kingdom
Date of recognition: 07/12/2011
- 8** **Description:** PMP Project Management Surveyor
Accrediting entity: PMI Project Management Surveyor **Type of entity:** Associations and Groups
City accrediting entity: Pensilvania, United States of America
Date of recognition: 16/11/2011

Summary of other achievements

- 1** **Description of the achievement:** Top reviewer In Cross-Field - September 2019
Accrediting entity: Web of Science **Type of entity:** Web of Science
Conferral date: 01/09/2019
- 2** **Description of the achievement:** Top reviewer in Environment and Ecology - September 2019
Accrediting entity: Web of Science **Type of entity:** Web of Science
Conferral date: 01/09/2019
- 3** **Description of the achievement:** Top reviewer for 'Sustainability' - September 2018
Accrediting entity: Web of Science **Type of entity:** Web of Science
Conferral date: 01/09/2018
- 4** **Description of the achievement:** Top reviewer in Environment and Ecology - September 2018
Accrediting entity: Web of Science **Type of entity:** Web of Science
Conferral date: 01/09/2018