



Carlos García Delgado

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Carlos García Delgado

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Current professional situation

Employing entity: Universidad Autónoma de Madrid **Type of entity:** University

Department: Geology and Geochemistry, Facultad de Ciencias

Professional category: Permanent Professor

Start date: 08/01/2024

Type of contract: Permanent employment contract **Dedication regime:** Full time

Primary (UNESCO code): 239100 - Environmental Chemistry; 250309 - Trace elements distribution; 251101 - Soil biochemistry; 251102 - Soil biology; 251104 - Soil chemistry; 251109 - Soil microbiology; 310100 - Agricultural chemistry; 310313 - Soil fertility

Secondary (UNESCO code): 230100 - Analytical chemistry

Identify key words: Soil chemistry; Soil improvement; Soil protection; Plant health treatment

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad Autónoma de Madrid	Assistant Professor	08/01/2019
2	Instituto de Recursos Naturales y Agrobiología de Salamanca	Postdoc Juan de la Cierva - Formación	01/03/2017
3	Universidad Autónoma de Madrid	Assistant (no PhD)	20/02/2013
4	Universidad Autónoma de Madrid	Pre-doctoral Fellow	01/10/2009
5	FUNDACION GENERAL DE LA UNIVERSIDAD AUTONOMA DE MADRID FUAM	Fellow	05/05/2009

1 **Employing entity:** Universidad Autónoma de Madrid **Type of entity:** University

Department: Geology and Geochemistry, Faculty of Sciences

City employing entity: Madrid, Spain

Professional category: Assistant Professor

Educational Management (Yes/No): Yes

Email: carlos.garciadelgado@uam.es

Start-End date: 08/01/2019 - 07/01/2023

Duration: 4 years

Type of contract: Temporary employment contract



Dedication regime: Full time

Primary (UNESCO code): 230103 - Chromatographic analysis; 251101 - Soil biochemistry; 251104 - Soil chemistry; 251109 - Soil microbiology; 310100 - Agricultural chemistry

Field of management activity: University

- 2** **Employing entity:** Instituto de Recursos Naturales y Agrobiología de Salamanca **Type of entity:** State agency

City employing entity: Spain

Professional category: Postdoc Juan de la Cierva - Formación **Educational Management (Yes/No):** No

Start-End date: 01/03/2017 - 31/12/2018 **Duration:** 1 year - 10 months

Type of contract: Temporary employment contract

Dedication regime: Full time

Primary (UNESCO code): 230103 - Chromatographic analysis; 251101 - Soil biochemistry; 251104 - Soil chemistry; 251109 - Soil microbiology; 310100 - Agricultural chemistry

Field of management activity: Public Research Body
- 3** **Employing entity:** Universidad Autónoma de Madrid **Type of entity:** University

Department: Química Agrícola y Bromatología, Facultad de Ciencias

City employing entity: Madrid, Spain

Professional category: Assistant (no PhD) **Educational Management (Yes/No):** Yes

Email: carlos.garciadelgado@uam.es

Start-End date: 20/02/2013 - 19/02/2017 **Duration:** 4 years

Type of contract: Temporary employment contract

Dedication regime: Full time

Primary (UNESCO code): 230103 - Chromatographic analysis; 251101 - Soil biochemistry; 251104 - Soil chemistry; 251109 - Soil microbiology; 310100 - Agricultural chemistry

Field of management activity: University
- 4** **Employing entity:** Universidad Autónoma de Madrid **Type of entity:** University

Department: Química Agrícola, Facultad de Ciencias

City employing entity: Madrid, Spain

Professional category: Pre-doctoral Fellow

Start-End date: 01/10/2009 - 19/02/2013 **Duration:** 3 years - 4 months - 19 days

Type of contract: Grant-assisted student (pre or post-doctoral, others)

Field of management activity: University
- 5** **Employing entity:** FUNDACION GENERAL DE LA UNIVERSIDAD AUTONOMA DE MADRID FUAM

Department: Química Agrícola, Universidad Autónoma de Madrid

City employing entity: Madrid,

Professional category: Fellow **Educational Management (Yes/No):** No

Start-End date: 05/05/2009 - 30/09/2009 **Duration:** 4 months - 27 days

Type of contract: Grant-assisted student (pre or post-doctoral, others)

Dedication regime: Full time

Field of management activity: University



Education

University education

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

University degree: Higher degree

Name of qualification: Chemistry Degree

City degree awarding entity: Madrid, Spain

Degree awarding entity: Universidad Autónoma de Madrid **Type of entity:** University

Date of qualification: 26/02/2008

Average mark: Good

Doctorates

Doctorate programme: Agricultural Chemistry Doctorate

Degree awarding entity: Universidad Autónoma de Madrid **Type of entity:** University

Date of degree: 10/07/2015

European doctorate: Yes

Date of certificate: 07/06/2012

Thesis title: Biorremediación de suelos contaminados con hidrocarburos aromáticos policíclicos mediante aplicación de sustrato postcultivo de champiñón (*Agaricus bisporus*)

Thesis director: Enrique Eymar Alonso

Obtained qualification: Outstanding cum laude

Recognition of quality: Yes

Other postgraduate university studies

Type of education: Masters

Postgraduate qualification: Agricultural Chemistry, Master

City degree awarding entity: Madrid, Community of Madrid, Spain

Degree awarding entity: Universidad Autónoma de Madrid **Type of entity:** University

Faculty, institute or centre: Facultad de Ciencias

Date of qualification: 21/07/2009

Obtained qualification: 8,79/10

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

- 1 Training title:** Iniciación a SPSS
Awarding entity: Universidad Autónoma de Madrid
End date: 15/11/2019
Type of entity: University
Duration in hours: 25 hours
- 2 Training title:** Iniciación a R para el análisis estadístico
Awarding entity: Universidad Autónoma de Madrid
End date: 08/05/2019
Type of entity: University
Duration in hours: 25 hours
- 3 Type of training:** Course
Training title: Cromatografía de líquidos acoplada a la espectrometría de masas
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Consejo Superior de Investigaciones Científicas
End date: 22/10/2018
Type of entity: State agency
Duration in hours: 26 hours
- 4 Type of training:** Course
Training title: Curso Formación Presencial SCOPUS - Nivel Avanzado
City awarding entity: Salamanca, Castile and León, Spain
Awarding entity: Federación Española de Ciencia y Tecnología
End date: 17/05/2018
Type of entity: State agency
Duration in hours: 3 hours
- 5 Type of training:** Course
Training title: Oportunidades de financiación europea en las áreas de ciencias agrarias y recursos naturales
City awarding entity: Salamanca, Castile and León, Spain
Awarding entity: Consejo Superior de Investigaciones Científicas
End date: 16/04/2018
Type of entity: State agency
Duration in hours: 8 hours
- 6 Type of training:** Course
Training title: Nivel Avanzado de la Web of Science (novedades)
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Federación Española de Ciencia y Tecnología
End date: 12/11/2014
Type of entity: State agency
Duration in hours: 2 hours
- 7 Type of training:** Conference
Training title: Fertilización para una Agricultura Sostenible, Diagnóstico de la fertilidad del suelo y del estado nutricional de los cultivos y recomendaciones de abonado
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Universidad Politécnica de Madrid
Training manager: Antonio Vallejo
End date: 18/02/2010
Type of entity: University



- 8** **Type of training:** Conference
Training title: Preparación de Muestras para Análisis
Awarding entity: Vertex Technics, S.L.
End date: 22/09/2009
Type of entity: Business
Duration in hours: 6 hours
- 9** **Type of training:** Course
Training title: Técnica Vitivinícola en la Ribera del Duero (II)
City awarding entity: Burgos, Castile and León, Spain
Awarding entity: Universidad de Burgos
Training manager: Santiago Aparicio Castillo
End date: 07/2009
Type of entity: University
Duration in hours: 35 hours
- 10** **Type of training:** Conference
Training title: Fertilización para una Agricultura Sostenible
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Universidad Politécnica de Madrid
Training manager: Antonio Vallejo
End date: 25/02/2008
Type of entity: University
- 11** **Type of training:** Course
Training title: Técnica Vitivinícola en la Ribera del Duero
City awarding entity: Burgos, Castile and León, Spain
Awarding entity: Universidad de Burgos
Training manager: Santiago Aparicio Castillo
End date: 07/2007
Type of entity: University
Duration in hours: 35 hours
- 12** **Type of training:** Course
Training title: Técnica Vitivinícola en la Ribera del Duero
City awarding entity: Burgos, Castile and León, Spain
Awarding entity: Universidad de Burgos
Training manager: Santiago Aparicio Castillo
End date: 07/2006
Type of entity: University
Duration in hours: 32 hours
- 13** **Type of training:** Course
Training title: Viticultura y Enología en la Ribera del Duero
City awarding entity: Burgos, Castile and León, Spain
Awarding entity: Universidad de Burgos
Training manager: Santiago Aparicio Castillo
End date: 07/2005
Type of entity: University
Duration in hours: 35 hours
- 14** **Type of training:** Course
Training title: Viña y Vino en la Ribera del Duero
City awarding entity: Burgos, Castile and León, Spain
Awarding entity: Universidad de Burgos
Training manager: Santiago Aparicio Castillo
End date: 07/2004
Type of entity: University
Duration in hours: 35 hours

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

- 1** **Title of course/seminar:** Dar la vuelta a la clase: introducción al Flipped Classroom
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 25 hours
Start-End date: 28/11/2022 - 29/11/2022
- 2** **Title of course/seminar:** La Quinta Competencia. Claves para el desarrollo del aprendizaje autónomo
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 25 hours
Start-End date: 11/05/2022 - 19/05/2022
- 3** **Title of course/seminar:** Docencia en línea y propiedad intelectual: aspectos prácticos para el profesorado
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 25 hours
Start-End date: 03/12/2021 - 17/12/2021
- 4** **Title of course/seminar:** Moodle - Cuestionarios
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 12 hours
Start-End date: 27/10/2020 - 27/10/2020
- 5** **Title of course/seminar:** Moodle - Calificaciones
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 8 hours
Start-End date: 23/10/2020 - 23/10/2020
- 6** **Title of course/seminar:** Moodle - Actividades
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 12 hours
Start-End date: 19/10/2020 - 19/10/2020
- 7** **Title of course/seminar:** Evaluación continua y formativa a través de aplicaciones móviles
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 25 hours
Start-End date: 07/10/2019 - 14/10/2019
- 8** **Title of course/seminar:** Aprendizaje activo en grupos numerosos
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 12 hours
Start-End date: 04/05/2016 - 04/05/2016
- 9** **Title of course/seminar:** Presencia en la web: redes científicas y difusión de publicaciones
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 25 hours
Start-End date: 10/02/2016 - 24/02/2016



- 10 Title of course/seminar:** Evaluación de competencias
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 25 hours
Start-End date: 09/09/2015 - 10/09/2015
- 11 Title of course/seminar:** El estudio de casos como método de aprendizaje
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 25 hours
Start-End date: 25/02/2015 - 26/02/2015
- 12 Title of course/seminar:** Aprendizaje basado en problemas
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 25 hours
Start-End date: 20/01/2015 - 27/01/2015
- 13 Title of course/seminar:** Motivación y aprendizaje universitario
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 25 hours
Start-End date: 04/12/2014 - 11/12/2014
- 14 Title of course/seminar:** Curso de iniciación a Moodle 2.0
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 12 hours
Start-End date: 07/10/2014 - 10/10/2014
- 15 Title of course/seminar:** El papel de la ANECA en el desarrollo y evaluación de la carrera docente: Programa de evaluación del profesorado (PEP)
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 25 hours
Start-End date: 11/06/2014 - 23/06/2014
- 16 Title of course/seminar:** Cómo escribir abstracts en inglés
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 25 hours
Start-End date: 06/05/2014 - 13/05/2014
- 17 Title of course/seminar:** Uso eficiente del JCR (journal citation reports)
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
Duration in hours: 12 hours
Start-End date: 03/02/2014 - 03/02/2014

Teaching experience



General teaching experience

- 1** **Type of teaching:** Official teaching
Name of the course: Geoquímica Ambiental Aplicada
Professional category: Assistant Professor
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Core
University degree: Máster Universitario en Química Aplicada
Course given: 1 **Frequency of the activity:** 2
Start date: 11/2020
Type of hours/ ECTS credits: Credits
Entity: Universidad Autónoma de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
Department: Geología y Geoquímica
City of entity: Madrid, Community of Madrid, Spain
- 2** **Type of teaching:** Official teaching
Name of the course: Técnicas de descontaminación del medio
Professional category: Assistant Professor
Type of programme: Grado **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Graduado o Graduada en Ciencias Ambientales
Course given: 4
Start date: 2019
Type of hours/ ECTS credits: Credits
Entity: Universidad Autónoma de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
Department: Geology and Geochemistry
City of entity: Madrid, Community of Madrid, Spain
- 3** **Type of teaching:** Official teaching
Name of the course: Técnicas geoespaciales aplicadas al medio ambiente
Professional category: Assistant Professor
Type of programme: Grado **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Graduado o Graduada en Ciencias Ambientales y Geografía y Ordenación del Territorio
Course given: 4
Start date: 2019
Type of hours/ ECTS credits: Credits
Entity: Universidad Autónoma de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
Department: Geology and Geochemistry
City of entity: Madrid, Community of Madrid, Spain
- 4** **Type of teaching:** Official teaching
Name of the course: Técnicas geoespaciales aplicadas al medio ambiente
Professional category: Assistant Professor
Type of programme: Grado **Type of teaching:** In person theory
Type of subject: Obligatory



University degree: Graduado o Graduada en Ciencias Ambientales

Course given: 4

Start date: 2019

Type of hours/ ECTS credits: Credits

Entity: Universidad Autónoma de Madrid

Type of entity: University

Faculty, institute or centre: Facultad de Ciencias

Department: Geology and Geochemistry

City of entity: Madrid, Community of Madrid, Spain

5 Type of teaching: Official teaching

Name of the course: Factores implicados en la producción de cultivos

Professional category: Assistant

Type of programme: Master's degree

Type of teaching: Laboratory work

Type of subject: Core

University degree: Máster en Ciencias Agroambientales y Agroalimentarias

Course given: 1

Frequency of the activity: 2

Start date: 2017

Type of hours/ ECTS credits: Credits

Entity: Universidad Autónoma de Madrid

Type of entity: University

Faculty, institute or centre: Facultad de Ciencias

Department: Agricultural Chemistry and Food Sciences

City of entity: Madrid, Community of Madrid, Spain

6 Type of teaching: Official teaching

Name of the course: Manejo postcosecha de los productos agrícolas

Professional category: Honorary Professor

Type of programme: Master's degree

Type of teaching: Virtual

Type of subject: Core

University degree: Máster en Ciencias Agroambientales y Agroalimentarias

Course given: 1

Frequency of the activity: 1

Start date: 2017

Type of hours/ ECTS credits: Credits

Entity: Universidad Autónoma de Madrid

Type of entity: University

Faculty, institute or centre: Facultad de Ciencias

Department: Agricultural Chemistry and Food Sciences

City of entity: Madrid, Community of Madrid, Spain

7 Type of teaching: Official teaching

Name of the course: Técnicas avanzadas de aplicación de fertilizantes

Professional category: Honorary Professor

Type of programme: Master's degree

Type of teaching: Virtual

Type of subject: Core

University degree: Máster en Ciencias Agroambientales y Agroalimentarias

Course given: 1

Frequency of the activity: 1

Start date: 2017

Type of hours/ ECTS credits: Credits

Entity: Universidad Autónoma de Madrid

Type of entity: University

Faculty, institute or centre: Facultad de Ciencias

Department: Agricultural Chemistry and Food Sciences

City of entity: Madrid, Community of Madrid, Spain



8 **Type of teaching:** Official teaching
Name of the course: Factores implicados en la producción de cultivos
Professional category: Assistant
Type of programme: Master's degree **Type of teaching:** Laboratory work
Type of subject: Core
University degree: Máster en Ciencias Agroambientales y Agroalimentarias
Course given: 1 **Frequency of the activity:** 1
Start date: 2016
Type of hours/ ECTS credits: Credits
Entity: Universidad Autónoma de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
Department: Agricultural Chemistry and Food Sciences
City of entity: Madrid, Community of Madrid, Spain

9 **Type of teaching:** Official teaching
Name of the course: Toxicología Alimentaria
Professional category: Becario FPI-UAM / Ayudante
Type of programme: Grado **Type of teaching:** Laboratory work
Type of subject: Obligatory
University degree: Graduado o Graduada en Ciencias de la Alimentación
Course given: 4
Start date: 10/2014
Type of hours/ ECTS credits: Credits
Entity: Universidad Autónoma de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
Department: Química Agrícola
City of entity: Madrid, Community of Madrid, Spain

10 **Type of teaching:** Official teaching
Name of the course: Composición y Propiedades de los Alimentos
Professional category: Ayudante
Type of programme: Grado **Type of teaching:** Laboratory work
Type of subject: Obligatory
University degree: Graduado o Graduada en Nutrición Humana y Dietética
Course given: 2 **Frequency of the activity:** 2
Start date: 10/2013
Type of hours/ ECTS credits: Credits
Entity: Universidad Autónoma de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
Department: Química Agrícola
City of entity: Madrid, Community of Madrid, Spain

11 **Type of teaching:** Official teaching
Name of the course: Productos Alimenticios
Professional category: Ayudante
Type of programme: Grado **Type of teaching:** Laboratory work
Type of subject: Obligatory
University degree: Graduado o Graduada en Ciencias de la Alimentación
Course given: 2 **Frequency of the activity:** 2
Start date: 01/2013
Type of hours/ ECTS credits: Credits



Entity: Universidad Autónoma de Madrid
Faculty, institute or centre: Facultad de Ciencias
Department: Química Agrícola
City of entity: Madrid, Community of Madrid, Spain

Type of entity: University

12 Type of teaching: Official teaching

Name of the course: Experimentación Avanzada en Química
Professional category: Becario FPI-UAM / Ayudante
Type of programme: Grado
Type of subject: Obligatory
University degree: Graduado o Graduada en Química
Course given: 4
Start date: 12/2012

Type of teaching: Laboratory work

Type of hours/ ECTS credits: Credits
Entity: Universidad Autónoma de Madrid
Faculty, institute or centre: Facultad de Ciencias
Department: Agricultural Chemistry and Food Sciences
City of entity: Madrid, Community of Madrid, Spain

Type of entity: University

13 Type of teaching: Official teaching

Name of the course: Higiene Alimentaria
Professional category: Becario FPI-UAM / Ayudante
Type of programme: Grado
Type of subject: Obligatory
University degree: Graduado o Graduada en Nutrición Humana y Dietética
Course given: 3
Start date: 11/2012

Type of teaching: Laboratory work

Type of hours/ ECTS credits: Credits
Entity: Universidad Autónoma de Madrid
Faculty, institute or centre: Facultad de Ciencias
Department: Química Agrícola
City of entity: Madrid, Community of Madrid, Spain

Type of entity: University

14 Type of teaching: Official teaching

Name of the course: Agroquímica
Professional category: Becario FPI-UAM
Type of programme: Grado
Type of subject: Core
University degree: Graduado o Graduada en Ingeniería Química
Course given: 3
Start date: 10/2012

Type of teaching: Laboratory work

Type of hours/ ECTS credits: Credits
Entity: Universidad Autónoma de Madrid
Faculty, institute or centre: Facultad de Ciencias
Department: Química Agrícola
City of entity: Madrid, Community of Madrid, Spain

Frequency of the activity: 1

Type of entity: University

15 Type of teaching: Official teaching

Name of the course: Análisis Instrumental y Sensorial de Alimentos
Professional category: Becario FPI-UAM
Type of programme: Grado

Type of teaching: Laboratory work



Type of subject: Core

University degree: Graduado o Graduada en Nutrición Humana y Dietética

Course given: 2

Frequency of the activity: 1

Start date: 10/2012

Type of hours/ ECTS credits: Credits

Entity: Universidad Autónoma de Madrid

Type of entity: University

Faculty, institute or centre: Facultad de Ciencias

Department: Química Agrícola

City of entity: Madrid, Community of Madrid, Spain

16 Type of teaching: Official teaching

Name of the course: Nutrición Mineral de los Cultivos

Professional category: Becario FPI-UAM

Type of programme: Master's degree

Type of teaching: Laboratory work

Type of subject: Core

University degree: Máster Universitario en Química Agrícola

Course given: 1

Frequency of the activity: 1

Start date: 11/2011

Type of hours/ ECTS credits: Credits

Entity: Universidad Autónoma de Madrid

Type of entity: University

Faculty, institute or centre: Facultad de Ciencias

Department: Química Agrícola

City of entity: Madrid, Community of Madrid, Spain

17 Type of teaching: Official teaching

Name of the course: Química del suelo

Professional category: Becario FPI-UAM

Type of programme: Master's degree

Type of teaching: Laboratory work

Type of subject: Core

University degree: Máster Universitario en Química Agrícola

Course given: 1

Frequency of the activity: 2

Start date: 11/2010

Type of hours/ ECTS credits: Credits

Entity: Universidad Autónoma de Madrid

Type of entity: University

Faculty, institute or centre: Facultad de Ciencias

Department: Química Agrícola

City of entity: Madrid, Community of Madrid, Spain

18 Type of teaching: Official teaching

Name of the course: Análisis de Materiales Agrícolas

Professional category: Becario FPI-UAM

Type of programme: Master's degree

Type of teaching: Laboratory work

Type of subject: Core

University degree: Máster Universitario en Química Agrícola

Course given: 1

Frequency of the activity: 2

Start date: 10/2009

Type of hours/ ECTS credits: Credits

Entity: Universidad Autónoma de Madrid

Type of entity: University

Faculty, institute or centre: Facultad de Ciencias

Department: Química Agrícola

City of entity: Madrid, Community of Madrid, Spain

**19 Type of teaching:** Official teaching**Name of the course:** Química**Professional category:** Becario FPI-UAM**Type of programme:** Grado**Type of subject:** Core**University degree:** Graduado o Graduada en Biología**Course given:** 1**Start date:** 10/2009**Type of hours/ ECTS credits:** Credits**Entity:** Universidad Autónoma de Madrid**Faculty, institute or centre:** Facultad de Ciencias**Department:** Química Agrícola**City of entity:** Madrid, Community of Madrid, Spain**Type of teaching:** Laboratory work**Frequency of the activity:** 2**Type of entity:** University**Experience supervising doctoral thesis and/or final year projects****1 Project title:** Efecto de enmiendas orgánicas en la adsorción de sulfonamidas en un suelo franco arenoso**Type of project:** End of course project**Co-director of thesis:** Carlos García Delgado**Entity:** Universidad Autónoma de Madrid**City of entity:** Madrid, Community of Madrid, Spain**Student:** Josselyn Carolina Herrera Cuenca**Obtained qualification:** 9.1/10**Date of reading:** 2022**Type of entity:** University**2 Project title:** Selección de especies fúngicas para micorremediación de suelos contaminados con hidrocarburos de petróleo**Type of project:** End of course project**Co-director of thesis:** Carlos García Delgado**Entity:** Universidad Autónoma de Madrid**City of entity:** Madrid, Community of Madrid, Spain**Student:** Natalia Baena Álvarez**Obtained qualification:** 9.2/10**Date of reading:** 2022**Type of entity:** University**3 Project title:** Adsorción de sulfonamidas en materiales de carbono**Type of project:** End of course project**Co-director of thesis:** Carlos García Delgado**Entity:** Universidad Autónoma de Madrid**City of entity:** Madrid, Community of Madrid, Spain**Student:** Patricia Muñoz Navalpotro**Obtained qualification:** 8.5/10**Date of reading:** 2021**Type of entity:** University**4 Project title:** Aplicaciones de la teledetección al análisis post-incendio. El caso del incendio de las Peñuelas (Doñana)**Type of project:** End of course project**Co-director of thesis:** Carlos García Delgado; José Antonio Rodríguez Serrano**Entity:** Universidad Autónoma de Madrid**Type of entity:** University



City of entity: Madrid, Community of Madrid, Spain

Student: Pedro Martín Serrano

Obtained qualification: 9/10

Date of reading: 2021

Quality recognition: No

5 Project title: Aplicación de enmiendas para la adsorción de sulfonamidas en suelos

Type of project: End of course project

Co-director of thesis: Carlos García Delgado

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Andrés Rivillo Pérez

Obtained qualification: 7.5/10

Date of reading: 2021

6 Project title: Estudio de la tratabilidad de un suelo contaminado con hidrocarburos por medio de técnicas de descontaminación biológicas simples y combinadas

Type of project: End of course project

Co-director of thesis: María Guirado Torres; Carlos García Delgado

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Beatriz M. Ortiz de la Torre Juanas

Obtained qualification: 7.3/10

Date of reading: 2021

7 Project title: Evaluación de enmiendas para el control de lixiviación del sulfametoxazol en suelos

Type of project: End of course project

Co-director of thesis: Carlos García Delgado; Ana I. Ruiz García

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Marta Toro Bermejo

Obtained qualification: 9.7/10

Date of reading: 2021

8 Project title: Inmovilización de lacasa sobre tejido de polipropileno para la descontaminación de hidrocarburos aromáticos policíclicos

Type of project: End of course project

Co-director of thesis: Carlos García Delgado; Begoña Mayans

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Carlota López García

Obtained qualification: 7.7/10

Date of reading: 2021

9 Project title: Requisitos de tramitación telemática en el traslado de residuos (paltforma "eSIR")

Type of project: End of course project

Co-director of thesis: Enrique Redondo Cascante; Carlos García Delgado

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Inmaculada Murillo Merchán

Obtained qualification: 7.5/10



Date of reading: 2021

- 10** **Project title:** Adsorción de antibióticos sulfonamidas en suelos mediante biochar
Type of project: End of course project
Co-director of thesis: Carlos García Delgado
Entity: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Jorge Bañuelos Gimeno
Obtained qualification: 7.5/10
Date of reading: 2020
- 11** **Project title:** Adsorción y transporte de tetraciclina y sulfametoxazol en suelos enmendados
Type of project: End of course project
Co-director of thesis: Carlos García Delgado; Ana I. Ruiz García
Entity: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: María Martín Trueba
Obtained qualification: 9.3/10
Date of reading: 2020
- 12** **Project title:** Hacia una combinación simultánea de degradación enzimática y adsorción por geofiltros de antibióticos presentes en aguas contaminadas
Type of project: End of course project
Co-director of thesis: Carlos García Delgado
Entity: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Esther Rodríguez Rodríguez
Obtained qualification: 8/10
Date of reading: 2020
- 13** **Project title:** Efectos de las enmiendas orgánicas sobre la degradación de los plaguicidas en los suelos
Type of project: Final Master Project
Co-director of thesis: Carlos García Delgado
Entity: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Alberto Rodríguez Acebedo
Obtained qualification: 8/10
Date of reading: 2019
- 14** **Project title:** Enmiendas orgánicas como método de control de la movilidad de plaguicidas en suelos
Type of project: Final Master Project
Co-director of thesis: Carlos García Delgado
Entity: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: María del Pilar Domínguez Bueno
Obtained qualification: 8/10
Date of reading: 2019
- 15** **Project title:** Degradación de sulfonamidas y tetraciclinas mediante hongos ligninolíticos
Type of project: End of course project
Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso



Entity: Universidad Autónoma de Madrid
City of entity: Madrid, Community of Madrid, Spain
Student: Raquel Camacho Arévalo
Obtained qualification: 9/10
Date of reading: 2017

Type of entity: University

- 16 Project title:** Utilización de sustrato post-cultivo de setas (*Pleurotus ostreatus*) y de estevensita como biofiltro para la remediación de aguas contaminadas

Type of project: TFM

Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: María Alonso Izquierdo

Obtained qualification: 8,7/10

Date of reading: 29/09/2016

- 17 Project title:** Viabilidad de tratamiento enzimático y de adsorción en la remediación de tetraciclinas en agua

Type of project: End of course project

Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Gabriel García Rodríguez

Obtained qualification: 9,8/10

Date of reading: 23/06/2016

- 18 Project title:** Comparación de métodos de extracción de nutrientes de tejidos vegetales

Type of project: End of course project

Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Nuria Gallego Fuentes

Obtained qualification: 5,3/10

Date of reading: 23/05/2016

- 19 Project title:** Complementos alimenticios de origen vegetal

Type of project: End of course project

Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Eva Gloria aranda Pérez

Obtained qualification: 9/10

Date of reading: 23/05/2016

- 20 Project title:** Descontaminación de aguas por adsorción-degradación de tetraciclinas

Type of project: End of course project

Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Rafael Antón Herrero

Obtained qualification: 8/10

Date of reading: 23/05/2016



- 21** **Project title:** Efecto del tratamiento con radiación UV-C sobre el contenido de vitamina D en setas cultivadas
Type of project: End of course project
Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso
Entity: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Héctor Borreguero Quintana
Obtained qualification: 9,3/10
Date of reading: 23/05/2016
- 22** **Project title:** Usos potenciales y efectos sobre la salud de extractos procedentes de setas comestibles
Type of project: End of course project
Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso
Entity: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Aaron García Martín
Obtained qualification: 8/10
Date of reading: 23/05/2016
- 23** **Project title:** Descontaminación de tetraciclina en agua mediante el uso de goethita
Type of project: End of course project
Co-director of thesis: Carlos García Delgado; Ana Isabel Ruíz García
Entity: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Pablo Tomás Rosa
Obtained qualification: 7.50/10
Date of reading: 24/06/2015
- 24** **Project title:** Composición Química y efectos beneficiosos de compuestos bioactivos en setas comestibles
Type of project: End of course project
Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso
Entity: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Beatriz Belver Miguel
Obtained qualification: 9.30/10
Date of reading: 21/05/2015
- 25** **Project title:** Valoración del compost agotado de cultivo de champiñón (SAS) como biofiltro de cadmio y plomo y fuente de nutrientes
Type of project: Final Master Project
Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso
Entity: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Marta González Izquierdo
Obtained qualification: 9.00/10
Date of reading: 21/10/2014
- 26** **Project title:** Estabilización de contaminantes inorgánicos y orgánicos en suelos mediante la aplicación de carbones activados comerciales
Type of project: Final Master project
Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso



Entity: Universidad Autónoma de Madrid
City of entity: Madrid, Community of Madrid, Spain
Student: Juna José Rodríguez Santamaría
Obtained qualification: 8.80/10
Date of reading: 23/07/2014

Type of entity: University

- 27 Project title:** Biorremediación de suelos contaminados con hidrocarburos aromáticos policíclicos mediante combinación de *Pleurotus ostreatus* y biochar

Type of project: End of course project

Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Irene Alfaro Barta

Obtained qualification: 9.00/10

Date of reading: 09/07/2014

- 28 Project title:** Utilización de sustrato post-cultivo de champiñón (*Agaricus bisporus*) para la remediación de aguas y suelos contaminados con hidrocarburos aromáticos policíclicos

Type of project: End of course project

Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: María Alonso Izquierdo

Obtained qualification: 8.30/10

Date of reading: 29/05/2014

- 29 Project title:** Efecto de extractos procedentes de setas comestibles sobre la oxidación de hidrocarburos aromáticos policíclicos

Type of project: End of course project

Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Leyre Jiménez Hurtado

Obtained qualification: 9.40/10

Date of reading: 26/05/2014

- 30 Project title:** Evaluación de compost post-cultivo de *Agaricus bisporus* en biorremediación de suelos contaminados con metales pesados e hidrocarburos aromáticos policíclicos

Type of project: End of course project

Co-director of thesis: Carlos García Delgado; Felipe Yunta Mezquita

Entity: Universidad Autónoma de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Student: Elena García Buruaga

Obtained qualification: 8.00/10

Date of reading: 16/07/2013

- 31 Project title:** Estimulación de sustratos post-cultivo de *Agaricus bisporus* y *Pleurotus ostreatus* para su utilización en biorremediación

Type of project: Final Master Project

Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso

Entity: Universidad Autónoma de Madrid

Type of entity: University



City of entity: Madrid, Community of Madrid, Spain

Student: Jesús Gómez Hernández

Obtained qualification: 9.00/10

Date of reading: 10/10/2012

- 32** **Project title:** Potencial debiodegradación de hidrocarburos aromáticos policíclicos mediante el uso de compost procedente del cultivo del champiñón
Type of project: Final Master project
Co-director of thesis: Carlos García Delgado; Enrique Eymar Alonso
Entity: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Néstor Jiménez Ayuso
Obtained qualification: 8.50/10
Date of reading: 09/07/2011

Scientific and technological experience

Scientific or technological activities

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

- 1** **Name of the project:** Valorización de las algas acumuladas en las orillas del Mar Menor como resultado de su eutrofización
Entity where project took place: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Spain
Name principal investigator (PI, Co-PI....): Carlos García Delgado; Sandra López Rayo
Nº of researchers: 9
Start-End date: 01/12/2022 - 30/11/2024 **Duration:** 2 years
Total amount: 230.000 €
- 2** **Name of the project:** A step further in bioremediation: mycoremediation for soil recovery (MySOIL)
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services **Geographical area:** European Union
Degree of contribution: Researcher
Entity where project took place: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): Enrique Eymar Alonso; Carlos García Delgado
Nº of researchers: 8
Type of participation: Team member
Name of the programme: Programme LIFE EU
Code according to the funding entity: LIFE 20 ENV/ES/000416
Start-End date: 01/09/2021 - 31/08/2024 **Duration:** 3 years
Participating entity/entities: ENI Rewind SpA; Fundación EURECAT; IsoDetect GmbH; Kepler Inegniería y Ecogestión SL; Novobiom SPRL; Universidad Autónoma de Madrid; Universidad della Tuscia; Valgo
Total amount: 2.937.155 € **Sub-project amount:** 383.912 €



Dedication regime: Part time

- 3** **Name of the project:** Control de fármacos en agricultura con residuos orgánicos: seguridad alimentaria y medioambiental
Type of project: Basic research (including archaeological digs, etc)
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): Carlos García Delgado; María Teresa Fresno García
Nº of researchers: 6
Type of participation: Principal investigator
Name of the programme: Convocatoria 2021 de Ayudas a Proyectos de I+D para Jóvenes Doctores de la Universidad Autónoma de Madrid
Code according to the funding entity: PJI-2021-00319
Start-End date: 01/01/2022 - 31/12/2023 **Duration:** 2 years
Total amount: 39.858 €
Dedication regime: Part time
- 4** **Name of the project:** Optimización de la seguridad alimentaria mediante remediación de ecosistemas hortícolas intensivos contaminados con antibióticos: nuevos biogeofiltros
Degree of contribution: Researcher
Entity where project took place: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): Enrique Eymar Alonso; Jaime Fernando Cuevas Rodríguez
Nº of researchers: 7
Type of participation: Team member
Name of the programme: Proyectos I+D+i Pruebas de Concepto 2021
Code according to the funding entity: PDC2021-120744-I00
Start-End date: 2021 - 2023 **Duration:** 2 years
Total amount: 126.500 €
Dedication regime: Part time
- 5** **Name of the project:** Desarrollo de nuevos tratamientos biotecnológicos en el aprovechamiento de residuos agroalimentarios y la recuperación de suelos y aguas contaminados con compuestos orgánicos
Entity where project took place: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): Enrique Eymar Alonso
Nº of researchers: 5
Start-End date: 15/04/2019 - 14/04/2022 **Duration:** 3 years
Total amount: 180.000 €
Dedication regime: Part time
- 6** **Name of the project:** Mejora de la seguridad alimentaria mediante remediación de ecosistemas hortícolas intensivos contaminados con antibióticos
Entity where project took place: Universidad Autónoma de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): Enrique Eymar Alonso; Jaime Fernando Cuevas Rodríguez
Code according to the funding entity: AGL2016-78490-R

**Start-End date:** 01/01/2017 - 30/09/2020**Duration:** 3 years - 9 months**Dedication regime:** Full time

- 7** **Name of the project:** Dinámica de pesticidas en parcelas de campo experimentales enmendadas con residuos orgánicos: Simulación de su transporte en el suelo como herramienta para predecir la contaminación de aguas

Entity where project took place: Instituto de Recursos Naturales y Agrobiología de Salamanca**Type of entity:** State agency**City of entity:** Salamanca, Castile and León, Spain**Name principal investigator (PI, Co-PI....):** María Jesús Sánchez Martín**Code according to the funding entity:** AGL2015-69485-R**Start-End date:** 01/01/2016 - 31/12/2018**Dedication regime:** Full time

- 8** **Name of the project:** Aplicación de herbicidas y residuos orgánicos en cultivos de Castilla y León y su incidencia en la sostenibilidad de los suelos

Entity where project took place: Instituto de Recursos Naturales y Agrobiología de Salamanca**Type of entity:** State agency**City of entity:** Salamanca, Castile and León, Spain**Name principal investigator (PI, Co-PI....):** María Jesús Sánchez Martín**Code according to the funding entity:** CSI240U14**Start-End date:** 01/01/2014 - 31/12/2017**Duration:** 4 years**Dedication regime:** Full time

- 9** **Name of the project:** BIORREMEDIACION DE ECOSISTEMAS CONTAMINADOS POR METALES PESADOS Y CONTAMINANTES ORGANICOS PERSISTENTES EMPLEANDO SUSTRATOS Y ENMIENDAS ECOEFICIENTES

Entity where project took place: Universidad Autónoma de Madrid**Type of entity:** University**City of entity:** Madrid, Community of Madrid, Spain**Name principal investigator (PI, Co-PI....):** Enrique Eymar Alonso; Jaime Fernando Cuevas Rodríguez**Code according to the funding entity:** CTM2013-47874-C2-2-R**Start-End date:** 01/01/2014 - 31/12/2016**Dedication regime:** Full time

- 10** **Name of the project:** RECUPERACIÓN DE SUELOS CONTAMINADOS CON PLANTAS AUTÓCTONAS PRODUCIDAS EN SUSTRATOS ECO-COMPATIBLES Y EFECTO DE ESTOS MATERIALES EN LA BIODISPONIBILIDAD Y BIODEGRADACIÓN DE LOS CONTAMINANTES

Entity where project took place: Universidad Autónoma de Madrid**Type of entity:** University**City of entity:** Madrid, Community of Madrid, Spain**Name principal investigator (PI, Co-PI....):** Enrique Eymar Alonso**Code according to the funding entity:** CTM2009-13140-C02-02**Start-End date:** 01/01/2010 - 31/12/2013**Duration:** 4 years**Dedication regime:** Full time

- 11** **Name of the project:** Nuevos fertilizantes de quelatos y complejos de micronutrientes. Relacion entre características químicas y efectividad, biodegradabilidad y efecto de los fortificantes

Entity where project took place: Universidad Autónoma de Madrid**Type of entity:** University**City of entity:** Madrid, Community of Madrid, Spain**Name principal investigator (PI, Co-PI....):** Juan Jose Lucena Marotta

**Code according to the funding entity:** AGL2007-63756**Start-End date:** 01/01/2008 - 31/12/2010**Duration:** 3 years**12 Name of the project:** Sustratos ecocompatibles y técnicas de fitorremediación con planta ornamental y autóctona para la descontaminación de suelos por metales pesados**Entity where project took place:** Universidad**Type of entity:** University

Autónoma de Madrid

City of entity: Madrid, Community of Madrid, Spain**Name principal investigator (PI, Co-PI....):** Agustín Gárate Ormaechea**Funding entity or bodies:**

MINISTERIO DE EDUCACION Y CIENCIA

City funding entity: Spain**Code according to the funding entity:** CTM2005-06258-C02-02**Start-End date:** 01/01/2006 - 31/12/2009**Duration:** 4 years**R&D non-competitive contracts, agreements or projects with public or private entities****1 Name of the project:** Comparison of agronomic efficiency between HUMAGRO® products and mineral conventional fertilizers**Type of project:** Demonstration, pilot projects, conceptual formulations and design of processes and services**Entity where project took place:** Universidad

Autónoma de Madrid

Degree of contribution: Researcher**Entity where project took place:** Universidad**Type of entity:** University

Autónoma de Madrid

Name principal investigator (PI, Co-PI....): Enrique Eymar Alonso**N° of researchers:** 4**Participating entity/entities:** FUNDACION GENERAL DE LA UNIVERSIDAD AUTONOMA DE MADRID FUAM**Funding entity or bodies:**

Humagro

Type of entity: Business**City funding entity:** United States of America**Start date:** 01/01/2017**Duration:** 2 years - 5 months**Total amount:** 7.500 €**2 Name of the project:** Transferencia del conocimiento y puesta a punto comercial del análisis de savia para cultivos hortícolas y frutales**Type of project:** Demonstration, pilot projects, conceptual formulations and design of processes and services**Entity where project took place:** Universidad

Autónoma de Madrid

Degree of contribution: Researcher**Entity where project took place:** Universidad**Type of entity:** University

Autónoma de Madrid

Name principal investigator (PI, Co-PI....): Enrique Eymar Alonso**N° of researchers:** 3**Participating entity/entities:** FUNDACION GENERAL DE LA UNIVERSIDAD AUTONOMA DE MADRID FUAM**Funding entity or bodies:**

Verde Smart Corporacion S.L.

Start date: 01/07/2014**Duration:** 5 months

**3 Name of the project:** Evaluación de fertilizantes de lenta liberación

Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Entity where project took place: Universidad Autónoma de Madrid

Degree of contribution: Researcher

Entity where project took place: Universidad Autónoma de Madrid
Type of entity: University

Name principal investigator (PI, Co-PI....): Enrique Eymar Alonso

Nº of researchers: 3

Participating entity/entities: FUNDACION GENERAL DE LA UNIVERSIDAD AUTONOMA DE MADRID FUAM

Funding entity or bodies:

Compo S.L.

Start date: 01/09/2010

Duration: 6 months

4 Name of the project: Transferencia del conocimiento y puesta a punto comercial de la analítica de savia para los cultivos de viña, cítricos y olivo (OPTINUT)

Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Entity where project took place: Universidad Autónoma de Madrid

Degree of contribution: Researcher

Entity where project took place: Universidad Autónoma de Madrid
Type of entity: University

Name principal investigator (PI, Co-PI....): Enrique Eymar Alonso

Nº of researchers: 3

Participating entity/entities: FUNDACION GENERAL DE LA UNIVERSIDAD AUTONOMA DE MADRID FUAM

Funding entity or bodies:

VIADER S.L.

Start date: 01/09/2010

Duration: 2 years - 3 months



Scientific and technological activities

Scientific production

- 1** H index: 18
Date of application: 29/02/2024
Fuente de Índice H: WOS
- 2** H index: 22
Date of application: 29/02/2024
Fuente de Índice H: GOOGLE SCHOLAR
- 3** H index: 18
Date of application: 29/02/2024
Fuente de Índice H: SCOPUS

Publications, scientific and technical documents

- 1** María Guirado; Carlos García Delgado; Oscar Pinado; Beatriz Ortiz de la Torre; Olga Escolano; E. Eymar; Rocio Millán. Bioremediation study of a hydrocarbon-contaminated soil by profiling aromatic and aliphatic chains. Applied Soil Ecology. 190, pp. 104983. Elsevier, 2023. ISSN 0929-1393
DOI: 10.1016/j.apsoil.2023.104983
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 4.8
Position of publication: 11
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Science Edition - SOIL SCIENCE
Journal in the top 25%: No
No. of journals in the cat.: 37
- 2** Rafael Antón Herrero; Carlos García Delgado; Gabriel Antón Herrero; Begoña Mayans; Laura Delgado Moreno; E. Eymar. Design of a hydroponic test to evaluate the biostimulant potential of new organic and organomineral products. Scientia Horticulturae. 310, pp. 111753. Elsevier, 2023. ISSN 0304-4238
DOI: 10.1016/j.scienta.2022.111753
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 3.941
Position of publication: 4
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Science Edition - HORTICULTURE
Journal in the top 25%: Yes
No. of journals in the cat.: 37
- 3** Begoña Mayans; Rafael Antón Herrero; Carlos García Delgado; Nely Carreras Arroyo; Laura Delgado Moreno; Consuelo Escolástico; Rocio Millán; E. Eymar. Enhancement of methane production from livestock manure with pre-treatments based in fungi of genus Pleurotus. Biomass and Bioenergy. 176, pp. 106901. Elsevier, 2023. ISSN 0961-9534
DOI: 10.1016/j.scienta.2022.1117



Type of production: Scientific paper

Position of signature: 3

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 6.0

Position of publication: 4

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Science Edition - AGRICULTURAL ENGINEERING

Journal in the top 25%: Yes

No. of journals in the cat.: 17

- 4** Rafael Antón Herrero; Ilaria Chicca; Carlos García Delgado; Silvia Crognale Herrero; Davide Lelli; Romina M. Gargarello; Jofre Herrero; Anko Fischer; Laurent Thannberger; E. Eymar; Maurizio Petruccioli; Alessandro D'Annibale. Main Factors Determining the Scale-Up Effectiveness of Mycoremediation for the Decontamination of Aliphatic Hydrocarbons in Soil. *Journal of Fungi*. 9, pp. 1205. Elsevier, 2023. ISSN 2309-608X

DOI: 10.3390/jof9121205

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 12

Impact source: ISI

Impact index in year of publication: 4.7

Position of publication: 9

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: Yes

Category: Science Edition - MYCOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 30

- 5** Carlos García Delgado; Laura Delgado Moreno; Marta Toro; Marcos Puñal; María Martín Trueba; E. Eymar; Ana I. Ruiz. The role of biochar and green compost amendments in the adsorption, leaching, and degradation of sulfamethoxazole in basic soil. *Chemosphere*. 344, pp. 140364. Elsevier, 2023. ISSN 0045-6535

DOI: 10.1016/j.chemosphere.2023.140364

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 8.8

Position of publication: 30

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: Yes

Category: Science Edition - ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 275

- 6** Rafael Antón Herrero; Carlos García Delgado; Natalia Baena; Begoña Mayans; Laura Delgado Moreno; Enrique Eymar. Assessment of different spent mushroom substrates to bioremediate soils contaminated with petroleum hydrocarbons. *Applied Sciences*. 12, pp. 7720. MDPI, 2022. ISSN 2076-3417

DOI: 10.3390/app12157720

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 2.838

Position of publication: 39

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: Yes

Category: Science Edition - ENGINEERING, MULTIDISCIPLINARY

Journal in the top 25%: No

No. of journals in the cat.: 92



- 7** Adrien Saphy; María Tijero; Carlos García Delgado; Almudena Ortega; Sergio Zamora; Ana Isabel Ruíz García; Enrique Eymar; Jaime Cuevas Rodríguez; Raúl Fernández Martín. Biogeofilter with hydrothermal treated stevensite clay and laccase enzymes for retention and degradation of tetracycline. *Minerals*. 12, pp. 7720. MDPI, 2022. ISSN 2075-163X
DOI: 10.3390/min12121631
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 9
Impact source: ISI
Impact index in year of publication: 2.818
Position of publication: 11
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Science Edition - MINERALOGY
Journal in the top 25%: No
No. of journals in the cat.: 30
- 8** Carlos García Delgado; Rafael Antón Herrero; Begoña Mayans; Raquel Camacho Arévalo; Laura Delgado Moreno; E. Eymar. Biostimulant effects of Micro Carbon Technology (MCT®) - based fertilizers on soil and Capsicum annum culture in growth chamber and field. *Agronomy*. 12, pp. 70. MDPI, 2022. ISSN 2073-4395
DOI: 10.3390/agronomy12010070
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 3.949
Position of publication: 18
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Science Edition - AGRONOMY
Journal in the top 25%: Yes
No. of journals in the cat.: 90
- 9** Rafael Antón Herrero; Liliana Vega Jara; Carlos García Delgado; Begoña Mayans; Raquel Camacho Arévalo; Eduardo Moreno Jimenez; César Plaza; E. Eymar. Synergistic effects of biochar and biostimulants on nutrient and toxic element uptake by pepper in contaminated soils. *Journal of the Science of Food and Agriculture*. 102, pp. 167 - 174. Wiley, 2022. ISSN 0022-5142
DOI: 10.1002/jsfa.11343
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 4.125
Position of publication: 12
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Science Edition - AGRICULTURE, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 59
- 10** Begoña Mayans; Raquel Camacho Arévalo; C. García-Delgado; Rafael Antón Herrero; Consuelo Escolástico; María Luz Segura; E. Eymar. An assessment of Pleurotus ostreatus to remove sulfonamides, and its role as a biofilter based on its own spent mushroom substrate. *Environmental Science and Pollution Research*. 28, pp. 7032 - 7042. Springer Heidelberg, 2021. ISSN 0944-1344
DOI: 10.1007/s11356-020-11078-
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 3.056
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Science Edition - ENVIRONMENTAL SCIENCES
Journal in the top 25%: No

**Position of publication:** 99**No. of journals in the cat.:** 265

- 11** Amelia Chorolque; Graciela Pellejero; Maria C. Sosa; J. Palacios; Gabriela Ashchka; Carlos García Delgado; Raimundo Jiménez Ballesta. Biological control of soil - borne phytopathogenic fungi through onion waste composting: implications for circular economy. International Journal of Environmental Science and Technology. (Iran): Springer Nature, 2021. ISSN 1735-1472

DOI: 10.1007/s13762-021-03561-2**Type of production:** Scientific paper**Position of signature:** 6**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 3.519**Position of publication:** 150**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 279

- 12** Rafael Antón Herrero; Carlos García Delgado; María Alonso Izquierdo; Jaime F. Cuevas Rodríguez; Nely Carreras; Begoña Mayans; Raquel Camacho Arévalo; Enrique Eymar Alonso. Effects of treated urban waste digestates on hydroponically grown tomato (Solanum lycopersicon L.). Waste and Biomass Valorization. (Holland): Springer Nature, 2021. ISSN 1877-2641

DOI: 10.1007/s12649-020-01137-8**Type of production:** Scientific paper**Position of signature:** 2**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 3.449**Position of publication:** 153**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 279

- 13** Begoña Mayans; Raquel Camacho Arévalo; C. García-Delgado; Cynthia Alcántara; Norbert Năgale; Rafael Antón Herrero; Consuelo Escolástico; E. Eymar. Mycoremediation of soils polluted with trichloroethylene: First evidence of Pleurotus genus effectiveness. Applied Sciences. 11, pp. 1354. MDPI, 2021. ISSN 2076-3417

DOI: 10.3390/app11041354020-11078-**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 2.838**Position of publication:** 39**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - ENGINEERING, MULTIDISCIPLINARY**Journal in the top 25%:** No**No. of journals in the cat.:** 92

- 14** Raquel Camacho Arévalo; Carlos García Delgado; Begoña Mayans; Rafael Antón Herrero; Jaime Cuevas; María Luz Segura; E. Eymar. Sulfonamides in tomato from commercial greenhouses irrigated with reclaimed wastewater: Uptake, translocation and food safety. Agronomy. 11, pp. 1016. MDPI, 2021. ISSN 2073-4395

DOI: 10.3390/agronomy11051016**Type of production:** Scientific paper**Position of signature:** 2**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 3.949**Position of publication:** 18**Corresponding author:** Yes**Category:** Science Edition - AGRONOMY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 90

- 15** Jaime Carrasco; Carlos García Delgado; Rebeca Lavega; María L. Tello; María de Toro; Víctor Barba Vicente; María Sonia Rodríguez Cruz; María Jesús Sánchez Martín; Margarita Perez; Gail M. Preston. Holistic assessment of the microbiome dynamics in the substrates used for commercial champignon (*Agaricus bisporus*) cultivation. *Microbial Biotechnology*. (United States of America): John Wiley & Sons Ltd, 2020. ISSN 1751-7907

Type of production: Scientific paper**Position of signature:** 2**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 161**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 5.813**Position of publication:** 27

- 16** Jaime Cuevas; Daniel Enrique González Santamaría; Carlos García Delgado; Aitor Ruíz; António Garraón; Ana Isabel Ruíz; Raúl Fernández; Enrique Eymar Alonso; Raimundo Jiménez Ballesta. Impact of a tire fire accident on soil pollution and the use of clay minerals as natural geo-indicators. *Environmental Geochemistry and Health*. 42, pp. 2147 - 2161. (Holland): Springer Nature, 2020. ISSN 0269-4042

DOI: 10.1007/s10653-019-00485-2**Type of production:** Scientific paper**Position of signature:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - WATER RESOURCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 98**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 4.609**Position of publication:** 15

- 17** Rafael Antón Herrero; Carlos García Delgado; Begoña Mayans; Raquel Camacho Arévalo; Enrique Eymar Alonso. Impact of new micro carbon technology based fertilizers on growth , nutrient efficiency and root cell morphology of *Capsicum annuum* L. *Agronomy*. 10 - 8, pp. 1165. (Switzerland): MDPI, 2020. ISSN 2073-4395

DOI: 10.3390/agronomy10081165**Type of production:** Scientific paper**Position of signature:** 2**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - AGRONOMY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 91**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 3.417**Position of publication:** 16

- 18** María José Carpio Espinosa; María Sonia Rodríguez Cruz; Carlos García Delgado; María Jesús Sánchez Martín; Jesús María Marín Benito. Mobility monitoring of two herbicides in amended soils: A field study for modeling applications. *Journal of Environmental Management*. 260, pp. 110161. (United Kingdom): Elsevier, 2020. ISSN 0301-4797

DOI: ps://do10.1016/j.jenvman.2020.110161**Type of production:** Scientific paper**Position of signature:** 3**Format:** Journal

**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 6.789**Position of publication:** 34**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 274

- 19** Graciela Pellejero; Karina Rodríguez; Gabriela Ashchka; Enmanuel Vela; Carlos García Delgado; Raimundo Jiménez Ballesta. Onion waste recycling by vermicomposting□: nutrients recovery and agronomical assessment. International Journal of Environmental Science and Technology. 17 - 6, pp. 3289 - 3296. (Iran): Springer Nature, 2020. ISSN 1735-1472

DOI: 10.1007/s13762-020-02685-1**Type of production:** Scientific paper**Position of signature:** 5**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 2.86**Position of publication:** 148**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 274

- 20** Carlos García Delgado; Jesús María Marín Benito; María Jesús Sánchez Martín; María Sonia Rodríguez Cruz. Organic carbon nature determines the capacity of organic amendments to adsorb pesticides in soil. Journal of Hazardous Materials. 390, pp. 122162. (Holland): Elsevier, 2020. ISSN 0304-3894

DOI: 10.1016/j.jhazmat.2020.122162**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 10.558**Position of publication:** 10**Source of citations:** WOS**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 274**Citations:** 1**Citations:** 1

- 21** María José Carpio Espinosa; Carlos García Delgado; Jesús María Marín Benito; María Jesús Sánchez Martín; María Sonia Rodríguez Cruz. Soil microbial community changes in a field treatment with chlorotoluron, flufenacet and diflufenican and two organic amendments. Agronomy. 10 - 8, pp. 1166. (Switzerland): MDPI, 2020. ISSN 2073-4395

DOI: 10.3390/agronomy10081166**Type of production:** Scientific paper**Position of signature:** 2**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 3.417**Position of publication:** 16**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - AGRONOMY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 91



- 22** Víctor Barba; Jesús María Marín Benito; Carlos García Delgado; María Jesús Sánchez Martín; María Sonia Rodríguez Cruz. Assessment of 14C-prosulfocarb dissipation mechanism in soil after amendment and its impact on the microbial community. *Ecotoxicology and Environmental Safety*. (United Kingdom): Elsevier, 2019. ISSN 0147-6513
- Type of production:** Scientific paper
Position of signature: 3
- Total no. authors:** 5
Impact source: ISI
- Impact index in year of publication:** 4.872
Position of publication: 44
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Science Edition - ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 265
- 23** C. García-Delgado; T. Fresno; J.J. Rodríguez-Santamaría; E. Díaz; A.F. Mohedano; E. Moreno-Jiménez. Co-application of activated carbon and compost to contaminated soils: Toxic elements mobility and PAH degradation and availability. *International Journal of Environmental Science and Technology*. 16, pp. 1057 - 1472. (Iran): Springer, 2019. ISSN 1735-1472
- DOI:** 10.1007/s13762-018-1751-6
- Type of production:** Scientific paper
Position of signature: 1
- Total no. authors:** 6
Impact source: ISI
- Impact index in year of publication:** 2.540
Position of publication: 125
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Science Edition - ENVIRONMENTAL SCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 265
- 24** Jaime Cuevas; Nisael Diroice; Felipe Yunta Mezquita; Carlos García Delgado; Daniel Enrique González Santamaría; Ana Isabel Ruíz; Raúl Fernández; Enrique Eymar Alonso. Evaluation of the sorption potential of mineral materials using tetracycline as a model pollutant. *Minerals*. 9, pp. 453. (Swaziland): MDPI, 2019. ISSN 2075-163X
- DOI:** 10.3390/min9070453
- Type of production:** Scientific paper
Position of signature: 4
- Total no. authors:** 8
Impact source: ISI
Impact index in year of publication: 2.250
Position of publication: 11
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Science Edition - MINERALOGY
Journal in the top 25%: No
No. of journals in the cat.: 30
- 25** Carlos García Delgado; Víctor Barba; Jesús María Marín Benito; Jose Mariano Igual; María Jesús Sánchez Martín; María Sonia Rodríguez Cruz. Influence of different agricultural management practices on soil microbial community over dissipation time of two herbicides. *Science of the Total Environment*. 646, pp. 1478 - 1488. (Holland): Elsevier, 2019. ISSN 0048-9697
- DOI:** 10.1016/j.scitotenv.2018.07.395
- Type of production:** Scientific paper
Position of signature: 1
- Total no. authors:** 6
Impact source: ISI
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No



Impact index in year of publication: 6.551
Position of publication: 22

Category: Science Edition - ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 265

- 26** Rafael Antón Herrero; Carlos García Delgado; María Alonso Izquierdo; Gabriel García Rodríguez; Jaime Yunta Mezquita; Enrique Eymar Alonso. Comparative adsorption of tetracyclines on biochar and stevensite: looking for the most effective adsorbent. *Applied Clay Science*. 160, pp. 162 - 172. (Holland): Elsevier, 2018. ISSN 0169-1317
DOI: 10.1016/j.clay.2017.12.023

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 3.890

Position of publication: 4

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: Yes

Category: Science Edition - MINERALOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 29

- 27** C. García Delgado; E. Eymar; R. Camacho Arévalo; M. Petruccioli; S. Crognale; A. D'Annibale. Degradation of tetracyclines and sulfonamides by stevensite- and biochar-immobilized laccase systems and impact on residual antibiotic activity. *Journal of Chemical Technology and Biotechnology*. Accepted, (United Kingdom): Wiley-Blackwell, 2018. ISSN 0268-2575

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 2.659

Position of publication: 69

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: Yes

Category: Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 162

- 28** Carlos García Delgado; Víctor Barba; Jesús María Marín Benito; Jose Mariano Igual; María Jesús Sánchez Martín; María Sonia Rodríguez Cruz. Simultaneous application of two herbicides and green compost in a field experiment: Implications on soil microbial community. *Applied Soil Ecology*. 127, pp. 30 - 40. (Holland): Elsevier, 2018. ISSN 0929-1393

DOI: 10.1016/j.apsoil.2018.03.004

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 3.445

Position of publication: 8

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Science Edition - SOIL SCIENCE

Journal in the top 25%: Yes

No. of journals in the cat.: 35

- 29** Valeria Memoli; E. Eymar Alonso; C. García Delgado; Francesco Esposito; Lucia Santorufo; Anna de Marco; Rossella Barile; Giulia Maisto. Soil element fractions affect phytotoxicity, microbial biomass and activity in volcanic areas. *Science of the Total Environment*. 636, pp. 1099 - 1108. (Holland): Elsevier, 2018. ISSN 0048-9697

DOI: 10.1016/j.scitotenv.2018.04.327

Type of production: Scientific paper

Position of signature: 3

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 5.589**Position of publication:** 27**Corresponding author:** No**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 250

- 30** Raúl Fernández; Ana Isabel Ruíz; E. Eymar Alonso; Daniel Enrique González Santamaría; Rafael Antón Herrero; Felipe Yunta Mezquita; Claudia Poyo; Andrea Hernández; C. García Delgado; Jaime Cuevas. Stevensite-based geofilter for the retention of tetracycline from water. *Science of the Total Environment*. 645, pp. 146 - 155. (Holland): Elsevier, 2018. ISSN 0048-9697

DOI: 10.1016/j.scitotenv.2018.07.120**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 5.589**Position of publication:** 27**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 250

- 31** Valeria Memoli; E. Eymar Alonso; C. García Delgado; Francesco Esposito; Lucia Santorufo; Anna de Marco; Rossella Barile; Giulia Maisto. Total and fraction content of elements in volcanic soil: natural or anthropogenic derivation. *Science of the Total Environment*. 625, pp. 16 - 26. (Holland): Elsevier, 2018. ISSN 0048-9697

DOI: 10.1016/j.scitotenv.2017.12.223**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 5.589**Position of publication:** 27**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 250

- 32** C. García-Delgado; María Alonso Izquierdo; Marta González Izquierdo; Felipe Yunta Mezquita; E. Eymar. Purification of polluted water with spent mushroom (*Agaricus bisporus*) substrate: from agricultural waste to biosorbent of phenanthrene, Cd and Pb. *Environmental Technology*. 38 - 13-14, pp. 1792 - 1799. (United Kingdom): Francis & Taylor, 2017. ISSN 1735-1472

DOI: 10.1080/09593330.2016.1246614**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 1.666**Position of publication:** 143**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 241

- 33** I. Frutos; C. García-Delgado; Victoria Cala; A. Gárate; E. Eymar. The use of spent mushroom substrates compost to enhance the ability of *Atriplex halimus* to phytoremediate contaminated mine soils. *Environmental Technology*. 38 - 9, pp. 1075 - 1084. (United Kingdom): Francis & Taylor, 2017. ISSN 1735-1472

DOI: 10.1080/09593330.2016.1217938

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 1.666

Position of publication: 143

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: Yes

Category: Science Edition - ENVIRONMENTAL SCIENCES

Journal in the top 25%: No

No. of journals in the cat.: 241

- 34** C. García-Delgado; F. Yunta; E. Eymar. Are physico - chemical soil characteristics key factor to select the polycyclic aromatic hydrocarbons extraction procedure?. International Journal of Environmental Analytical Chemistry. 96 - 1, pp. 87 - 100. (United Kingdom): Taylor & Francis, 2016. ISSN 0306-7319

DOI: 10.1080/03067319.2015.1128537

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 1.208

Position of publication: 166

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Science Edition - ENVIRONMENTAL SCIENCES

Journal in the top 25%: No

No. of journals in the cat.: 229

- 35** I. Frutos; C. García-Delgado; A. Gárate; E. Eymar. Biosorption of heavy metals by organic carbon from spent mushroom substrates and their raw materials. International Journal of Environmental Science and Technology. 13 - 11, pp. 2713 - 2720. (Iran): Springer, 2016. Available on-line at: <<http://dx.doi.org/10.1007/s13762-016-1100-6>>. ISSN 1735-1472

DOI: en:10.1007/s13762-016-1100-6

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 1.915

Position of publication: 110

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Science Edition - ENVIRONMENTAL SCIENCES

Journal in the top 25%: No

No. of journals in the cat.: 229

- 36** Carlos García-Delgado; Felipe Yunta; Enrique Eymar. Bioremediation of multi-polluted soil by spent mushroom (Agaricus bisporus) substrate: Polycyclic aromatic hydrocarbons degradation and Pb availability. Journal of Hazardous Materials. 300, pp. 281 - 288. (Holland): Elsevier, 2015. ISSN 0304-3894

DOI: 10.1016/j.jhazmat.2015.07.008

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 4.836

Position of publication: 19

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Category: Science Edition - ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 225

- 37** C. García-Delgado; I. Alfaro-Barta; E. Eymar. Combination of biochar amendment and mycoremediation for polycyclic aromatic hydrocarbons immobilization and biodegradation in creosote-contaminated soil. *Journal of Hazardous Materials*. 285, pp. 259 - 266. (Holland): Elsevier, 2015. ISSN 0304-3894
DOI: 10.1016/j.jhazmat.2014.12.002
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 4.836
Position of publication: 19
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 225
- 38** C. García-Delgado; A. D'Annibale; L. Pesciaroli; F. Yunta; S. Crognale; M. Petruccioli; E. Eymar. Implications of polluted soil biostimulation and bioaugmentation with spent mushroom substrate (*Agaricus bisporus*) on the microbial community and polycyclic aromatic hydrocarbons biodegradation. *Science of the Total Environment*. 508, pp. 20 - 28. (Holland): Elsevier, 2015. ISSN 0048-9697
DOI: 10.1016/j.scitotenv.2014.11.046
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 3.973
Position of publication: 32
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 225
- 39** C. García-Delgado; N. Jiménez-Ayuso; I. Frutos; A. Gárate; E. Eymar. Cadmium and lead bioavailability and their effects on polycyclic aromatic hydrocarbons biodegradation by spent mushroom substrate. *Environmental Science and Pollution Research*. 20 - 12, pp. 8690 - 8699. Springer Heidelberg, 2013. ISSN 0944-1344
DOI: 10.1007/s11356-013-1829-0
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 2.757
Position of publication: 55
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - ENVIRONMENTAL SCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 216
- 40** C. García-Delgado; F. Yunta; E. Eymar. Methodology for Polycyclic Aromatic Hydrocarbons Extraction from Either Fresh or Dry Spent Mushroom Compost and Quantification by High-Performance Liquid Chromatography-Photodiode Array Detection. *Communications in Soil Science and Plant Analysis*. 44 - 1-4, pp. 817 - 825. (United States of America): Taylor & Francis Group, 2013. ISSN 0010-3624
DOI: 10.1080/00103624.2013.749439
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 0.423
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - CHEMISTRY, ANALYTICAL
Journal in the top 25%: No

**Position of publication:** 70**No. of journals in the cat.:** 76

- 41** C. García-Delgado; E. Eymar; J. I. Contreras; M. L. Segura. Effects of fertigation with purified urban wastewater on soil and pepper plant (*Capsicum annuum* L.) production, fruit quality and pollutant contents. Spanish Journal of Agricultural Research. 10 - 1, pp. 209 - 221. (Spain): Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA), 2012. ISSN 1695-971-X

DOI: 10.5424/sjar/2012101-065-11**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 0.659**Position of publication:** 28**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - AGRICULTURE, MULTIDISCIPLINARY**Journal in the top 25%:** No**No. of journals in the cat.:** 57

- 42** P. Nadal; C. García-Delgado; D. Hernández; S. López-Rayó; J.J. Lucena. Evaluation of Fe-N,N'-Bis(2-hydroxybenzyl)ethylenediamine-N,N'-diacetate (HBED/Fe 3+) as Fe carrier for soybean (*Glycine max*) plants grown in calcareous soil. Plant and Soil. 360 - 1-2, pp. 349 - 362. (Holland): Springer, 2012. ISSN 0032-079X

DOI: 10.1007/s11104-012-1246-z**Type of production:** Scientific paper**Position of signature:** 2**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 2.638**Position of publication:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - SOIL SCIENCE**Journal in the top 25%:** Yes**No. of journals in the cat.:** 34

- 43** C. García-Delgado; V. Cala; E. Eymar. Influence of chemical and mineralogical properties of organic amendments on the selection of an adequate analytical procedure for trace elements determination. Talanta. 88, pp. 375 - 384. (United Kingdom): Elsevier, 2012. ISSN 0039-9140

DOI: 10.1016/j.talanta.2011.11.003**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 3.498**Position of publication:** 12**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - CHEMISTRY, ANALYTICAL**Journal in the top 25%:** Yes**No. of journals in the cat.:** 75

- 44** Enrique Eymar Alonso; Carlos García Delgado; Rosa María Esteban Álvarez. Food Poisoning | Classification. The Encyclopedia of Food and Health. 3, pp. 56 - 66. Oxford(United Kingdom): Academic Press, 2016. ISBN 9780123849472

Type of production: Encyclopaedia article**Position of signature:** 2**Total no. authors:** 3



- 45** Enrique Eymar Alonso; Carlos García Delgado; María Luz Segura Pérez. Seguridad agroalimentaria: Contaminantes químicos, orgánicos y minerales. Gestión sostenible de la reutilización de aguas residuales urbanas en los cultivos hortícolas. 5, pp. 86 - 105. (Spain): Junta de Andalucía, 2012. Available on-line at: <<http://www.juntadeandalucia.es/agriculturaypesca/ifapa/servifapa/contenidoAlf?id=e2ab741b-5dcc-43e2-b9b0-645b5372efca>>.

Legal deposit: AL 1135-2012

Type of production: Book chapter

Format: Book

Position of signature: 2

Total no. authors: 3

Corresponding author: No

Works submitted to national or international conferences

- 1** **Title of the work:** Degradation of antibiotics by immobilized laccase on clay and biochar
Name of the conference: 4th International Conference on Applied Biochemistry and Biotechnology
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication **Reasons for participation:** Upon invitation
Corresponding author: Yes
City of event: Elche, China
Date of event: 09/08/2021
End date: 11/08/2021
Organising entity: Bohai University
City organizing entity: Jinzhou, Spain
Type of contribution: Scientific paper
 Carlos García Delgado; Enrique Eymar Alonso; Raquel Camacho Arévalo; Maurizio Petruccioli; Silvia Crognale; Alessandro D'Annibale.
- 2** **Title of the work:** Effect of sulfonamides and tetracyclines in biometanization processes and on methanogenic bacterial communities
Name of the conference: 8th International conference on sustainable solid waste management
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Thessaloniki, Greece
Date of event: 23/06/2021
End date: 26/06/2021
Organising entity: National Technical University of Athens **Type of entity:** University
City organizing entity: Athens, Greece
Type of contribution: Scientific paper
 Begoña Mayans; María Guirado; Nely Carreras; M. Lomimchar; Raquel Camacho Arévalo; Rafael Antón Herrero; Cynthia Alcántara; Norbert Nägele; Laura Delgado Moreno; Carlos García Delgado; Rocío Millán; Enrique Eymar Alonso.
- 3** **Title of the work:** Influence of cow dung storage on methane production by anaerobic digestion and enhancement using the ligninolytic fungus *P. ostreatus*
Name of the conference: 8th International conference on sustainable solid waste management
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Thessaloniki, Greece



Date of event: 23/06/2021

End date: 26/06/2021

Organising entity: National Technical University of Athens
Type of entity: University

City organizing entity: Athens, Greece

Type of contribution: Scientific paper

Begoña Mayans; María Guirado; Nely Carreras; M. Lomimchar; Raquel Camacho Arévalo; Rafael Antón Herrero; Cynthia Alcántara; Norbert Nägele; Laura Delgado Moreno; Carlos García Delgado; Rocío Millán; Enrique Eymar Alonso.

- 4** **Title of the work:** Adsorción de tetraciclina y sulfametoxazol en suelos enmendados
Name of the conference: IX Simposio nacional sobre control de la degradación y recuperación de suelos
Type of event: Conference
Geographical area: European Union
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Elche, Spain
Date of event: 24/05/2021
End date: 25/10/2019
Organising entity: Universidad Miguel Hernández de Elche and Sociedad Española de la Ciencia del Suelo
City organizing entity: Elche, Spain
Type of contribution: Scientific paper
María Martín Trueba; Carlos García Delgado; Raul Fernández; Jaime Cuevas; Enrique Eymar Alonso; Ana I. Ruíz. "El suelo: Clave para una gestión ambiental sostenible en un escenario de cambio global". ISBN 978-84-18177-09-5
- 5** **Title of the work:** Horizontes de diagnóstico como indicadores de la erosión de suelos: un caso de estudio en clima oceánico (Asturias, España)
Name of the conference: IX Simposio nacional sobre control de la degradación y recuperación de suelos
Type of event: Conference
Geographical area: European Union
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Elche, Spain
Date of event: 24/05/2021
End date: 25/10/2019
Organising entity: Universidad Miguel Hernández de Elche and Sociedad Española de la Ciencia del Suelo
City organizing entity: Elche, Spain
Type of contribution: Scientific paper
Manuel Rodríguez Rastrero; Almudena Ortega; Jaime Cuevas; Carlos García Delgado; Felipe Yunta Mezquita. "El suelo: Clave para una gestión ambiental sostenible en un escenario de cambio global". ISBN 978-84-18177-09-5
- 6** **Title of the work:** Design of test and imaging tools to evaluate biostimulant effects on plant roots hydroponically grown
Name of the conference: III International Symposium On Soilless Culture and Hydroponics: Innovation and Advanced Technology for Circular Horticulture
Type of event: Conference
Geographical area: European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Limassol, Cyprus
Date of event: 19/03/2021
End date: 22/03/2021

Type of entity: University



Organising entity: Cyprus University of Technology,
University of Turin

City organizing entity: Limassol, Cyprus

Type of contribution: Scientific paper

Rafael Antón Herrero; Carlos García Delgado; Begoña Mayans; Raquel Camacho Arévalo; Enrique Eymar Alonso.

- 7** **Title of the work:** Effects of biostimulants on *Solanum lycopersicum* L. Plant growth and pest resistance
Name of the conference: III International Symposium On Soilless Culture and Hydroponics: Innovation and Advanced Technology for Circular Horticulture
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Limassol, Cyprus
Date of event: 19/03/2021
End date: 22/03/2021
Organising entity: Cyprus University of Technology, **Type of entity:** University
University of Turin
City organizing entity: Limassol, Cyprus
Type of contribution: Scientific paper
Rafael Antón Herrero; Carlos García Delgado; Begoña Mayans; Raquel Camacho Arévalo; Enrique Eymar Alonso.

- 8** **Title of the work:** Spent mushroom substrates as biofilter to reduce antibiotics (tetracyclines and sulfonamides) from wastewaters used in hydroponic cultures
Name of the conference: III International Symposium On Soilless Culture and Hydroponics: Innovation and Advanced Technology for Circular Horticulture
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Limassol, Cyprus
Date of event: 19/03/2021
End date: 22/03/2021
Organising entity: Cyprus University of Technology, **Type of entity:** University
University of Turin
City organizing entity: Limassol, Cyprus
Type of contribution: Scientific paper
Raquel Camacho Arévalo; Enrique Eymar Alonso; A. Gomez; Begoña Mayans; Rafael Antón Herrero; Carlos García Delgado.

- 9** **Title of the work:** Uptake of tetracyclines and sulfonamides in hydroponic cultures of lettuce and carrot
Name of the conference: III International Symposium On Soilless Culture and Hydroponics: Innovation and Advanced Technology for Circular Horticulture
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Limassol, Cyprus
Date of event: 19/03/2021
End date: 22/03/2021
Organising entity: Cyprus University of Technology, **Type of entity:** University
University of Turin
City organizing entity: Limassol, Cyprus



Type of contribution: Scientific paper

Raquel Camacho Arévalo; Enrique Eymar Alonso; Rafael Antón Herrero; Begoña Mayans; Carlos García Delgado.

- 10 Title of the work:** Fate of tetracyclines and sulphonamides in vegetable crops irrigated with wastewater after mycoremediation (mycoaugmentation) treatment

Name of the conference: 2th International meeting on new strategies in bioremediation process

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Porto, Portugal

Date of event: 24/10/2019

End date: 25/10/2019

Organising entity: University of Porto

City organizing entity: Porto, Portugal

Type of contribution: Scientific paper

Raquel Camacho Arévalo; Begoña Mayans; Carlos García Delgado; Rafael Antón Herrero; Alexandra Gómez Morales; D. Pimentel; M. Hernández Carrasquilla; Enrique Eymar Alonso.

- 11 Title of the work:** Mycoremediation of sulfonamides and tetracyclines from soils by edible fungi

Name of the conference: 2th International meeting on new strategies in bioremediation process

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Porto, Portugal

Date of event: 24/10/2019

End date: 25/10/2019

Organising entity: University of Porto

City organizing entity: Porto, Portugal

Type of contribution: Scientific paper

Begoña Mayans; Raquel Camacho Arévalo; Carlos García Delgado; Cynthia Alcántara; Norbert Năgale; Rafael Antón Herrero; N. Peña González; Enrique Eymar Alonso.

- 12 Title of the work:** Mycoremediation of trichloroethene polluted soils by ligninolytic fungi

Name of the conference: 2th International meeting on new strategies in bioremediation process

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - poster

Corresponding author: No

City of event: Porto, Portugal

Date of event: 24/10/2019

End date: 25/10/2019

Organising entity: University of Porto

City organizing entity: Porto, Portugal

Type of contribution: Scientific paper

Begoña Mayans; Raquel Camacho Arévalo; Carlos García Delgado; Cynthia Alcántara; Norbert Năgale; Rafael Antón Herrero; Enrique Eymar Alonso.

- 13 Title of the work:** Tetracyclines and sulphonamides presence in horticultural crops

Name of the conference: 2th International meeting on new strategies in bioremediation process

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - poster



Corresponding author: No

City of event: Porto, Portugal

Date of event: 24/10/2019

End date: 25/10/2019

Organising entity: University of Porto

City organizing entity: Porto, Portugal

Type of contribution: Scientific paper

Raquel Camacho Arévalo; Begoña Mayans; Carlos García Delgado; Rafael Antón Herrero; A. Gallut; María Luz Segura; D. Pimentel; M. Hernández Carrasquilla; Enrique Eymar Alonso.

14 Title of the work: Structure of the microbiome associated to commercial button mushroom cultivation

Name of the conference: 18th Congress of European Mycologists

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - poster

Corresponding author: No

City of event: Warsaw-Bialowieza, Poland

Date of event: 16/09/2019

End date: 21/09/2019

Organising entity: Polish Mycological Society

Type of entity: Associations and Groups

City organizing entity: Warsaw, Poland

Type of contribution: Scientific paper

Jaime Carrasco; Maria Luisa Tello; Rebeca Lavega; María de Toro; Carlos García Delgado; Maria Sonia Rodríguez Cruz; María Jesús Sánchez Martín. ISBN 978-83-940504-5-0

15 Title of the work: Impact of the simultaneous application of herbicides and organic amendments on soil microbial community in a field trial

Name of the conference: 8th International Symposium on Interactions of Soil Minerals with Organic Components and Microorganisms

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication

Reasons for participation: Open access

Corresponding author: No

City of event: Sevilla, Spain

Date of event: 23/06/2019

End date: 28/06/2019

Organising entity: International Union of Soil Sciences

City organizing entity: Spain

Publication in conference proceedings: Yes

Type of contribution: Scientific paper

María Jose Carpio Espinosa; Carlos García Delgado; Jesús María Marín Benito; María J. Sánchez Martín; María S. Rodríguez Cruz.

16 Title of the work: Efectos de la aplicación de compost vegetal, triasulfuron y prosulfocarb sobre la comunidad microbiana del suelo

Name of the conference: VIII Congreso Ibérico de las Ciencias del Suelo

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication

Reasons for participation: Open access

Corresponding author: No

City of event: San Sebastián, Spain

Date of event: 20/06/2018

End date: 22/06/2018



Organising entity: Sociedad Española de las Ciencias del Suelo

Type of entity: Associations and Groups

City organizing entity: Spain

Publication in conference proceedings: Yes

Type of contribution: Scientific paper

Carlos García Delgado; Víctor Barba; Jesús María Marín Benito; Jose Mariano Igual Arroyo; María J. Sánchez Martín; María S. Rodríguez Cruz. "VIII Congreso Ibérico de las Ciencias del Suelo". ISBN 978-84-09-02936-5

17 Title of the work: Potential of edible fungi to degrade antibiotics present in different solid wastes

Name of the conference: 6th International conference on sustainable solid waste management

Type of event: Conference

Geographical area: Non EU International

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Naxos, Greece

Date of event: 13/06/2018

End date: 16/06/2018

Organising entity: National Technical University of Athens

Type of entity: University

City organizing entity: Athens, Greece

Type of contribution: Scientific paper

Rafael Antón Herrero; G. Peramato; Begoña Mayans; Raquel Camacho Arévalo; Carlos García Delgado; María Luz Segura; Consuelo Escolástico; Enrique Eymar Alonso.

18 Title of the work: Removal of sulphonamides from urban wastewaters by fungi of genus Pleurotus

Name of the conference: 6th International conference on sustainable solid waste management

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Naxos, Greece

Date of event: 13/06/2018

End date: 16/06/2018

Organising entity: National Technical University of Athens

Type of entity: University

City organizing entity: Athens, Greece

Type of contribution: Scientific paper

Begoña Mayans; Raquel Camacho Arévalo; Carlos García Delgado; Rafael Antón Herrero; Consuelo Escolástico; María Luz Segura; Enrique Eymar Alonso.

19 Title of the work: Spent mushroom substrates biofilters: degradation of antibiotics by ligninolytic fungi

Name of the conference: 6th International conference on sustainable solid waste management

Type of event: Conference

Geographical area: Non EU International

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Naxos, Greece

Date of event: 13/06/2018

End date: 16/06/2018

Organising entity: National Technical University of Athens

Type of entity: University

City organizing entity: Athens, Greece

Type of contribution: Scientific paper



Raquel Camacho Arévalo; Begoña Mayans; Carlos García Delgado; Rafael Antón Herrero; Consuelo Escolástico; Enrique Eymar Alonso.

- 20** **Title of the work:** Tetracyclines degradation by edible ligninolytic fungi
Name of the conference: 6th International conference on sustainable solid waste management
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Naxos, Greece
Date of event: 13/06/2018
End date: 16/06/2018
Organising entity: National Technical University of Athens **Type of entity:** University
City organizing entity: Athens, Greece
Type of contribution: Scientific paper
Begoña Mayans; Raquel Camacho Arévalo; Carlos García Delgado; Rafael Antón Herrero; Consuelo Escolástico; Enrique Eymar Alonso.
- 21** **Title of the work:** Laboratory study of the dissipation mechanism and kinetics of prosulfocarb in unamended and organically amended soils
Name of the conference: TERRAenVISION Environmental Issues Today: Scientific Solutions for Societal Issues
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster **Reasons for participation:** Open access
Corresponding author: No
City of event: Barcelona, Spain
Date of event: 27/01/2018
End date: 02/02/2018
Organising entity: Universitat de Barcelona **Type of entity:** University
City organizing entity: Spain
Type of contribution: Scientific paper
Víctor Barba; Jesús M. Marín Benito; Carlos García Delgado; Jose M. Ordax; María J. Sánchez Martín; María S. Rodríguez Cruz. "TERRA ENVISION Books of Abstracts".
- 22** **Title of the work:** Stevensite versus organic sorbents (biochars): comparative adsorption of tetracyclines
Name of the conference: XVI International Clay Conference
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Granada, Spain
Date of event: 17/07/2017
End date: 21/07/2017
Organising entity: Sociedad Española de Arcillas
City organizing entity: Spain
Type of contribution: Scientific paper
Rafael Antón Herrero; Carlos García Delgado; María Alonso Izquierdo; Gabriel García Rodríguez; Felipe Yunta Mezquita; Ana Isabel Ruiz; Raul Fernández; Jaime Cuevas; Enrique Eymar Alonso.
- 23** **Title of the work:** Tetracycline retention potential of different natural soil geosorbents
Name of the conference: XVI International Clay Conference
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
City of event: Granada, Spain



Date of event: 17/07/2017

End date: 21/07/2017

Organising entity: Sociedad Española de Arcillas

City organizing entity: Spain

Type of contribution: Scientific paper

Niasael Diorcé; Felipe Yunta Mezquita; Carlos García Delgado; Daniel González Santamaría; Ana Isabel Ruíz; Raul Fernández; Enrique Eymar Alonso; Jaime Cuevas.

24 Title of the work: Assessment of activated carbon and compost for the remediation of a mine impacted soil

Name of the conference: 18th International Conference on Heavy Metals in the Environment

Type of event: Conference

Geographical area: Non EU International

Type of participation: 'Participatory - poster

City of event: Ghent, Belgium

Date of event: 12/09/2016

End date: 15/09/2016

Organising entity: Ghent University

Type of entity: University

City organizing entity: Ghent, Belgium

Type of contribution: Scientific paper

Teresa Fresno García; Carlos García Delgado; Jesús Peñalosa; Eduardo Moreno Jiménez.

25 Title of the work: Biochar and iron sulfate as amendments from an As and Cu contaminated soil

Name of the conference: 18th International Conference on Heavy Metals in the Environment

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Ghent, Belgium

Date of event: 12/09/2016

End date: 15/09/2016

Organising entity: Ghent University

Type of entity: University

City organizing entity: Ghent, Belgium

Type of contribution: Scientific paper

Teresa Fresno García; Carlos García Delgado; Jesús Peñalosa; Eduardo Moreno Jiménez.

26 Title of the work: Removal of tetracyclines from water: degradation with laccase enzyme or adsorption on stevensite

Name of the conference: 3th International Congress Water Waste and Energy Management

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

City of event: Roma, Italy

Date of event: 18/07/2016

End date: 20/07/2016

Organising entity: Polytechnic Institute of Portalegre

Type of entity: Public Research Body

City organizing entity: Portoalegre, Portugal

Type of contribution: Scientific paper

Rafael Antón Herrero; Carlos García Delgado; María Alonso Izquierdo; Enrique Eymar Alonso.

27 Title of the work: Usefulness of stevensite as adsorbent of antibiotics (tetracyclines)

Name of the conference: 3th International Congress Water Waste and Energy Management

Type of event: Conference

Geographical area: Non EU International

Type of participation: 'Participatory - poster

City of event: Roma, Italy

Date of event: 18/07/2016



End date: 20/07/2016

Organising entity: Polytechnic Institute of Portalegre **Type of entity:** Public Research Body

City organizing entity: Portoalegre, Portugal

Type of contribution: Scientific paper

Carlos García Delgado; Rafael Antón Herrero; María Alonso Izquierdo; Enrique Eymar Alonso.

- 28 Title of the work:** Assessment of the combination of biochar amendment and *Pleurotus ostreatus* application in bioremediation of creosote polluted soil

Name of the conference: International Conference on Solid Waste 2015. Knowledge Transfer for Sustainable Resource Management

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Hong Kong, China

Date of event: 19/05/2015

End date: 22/05/2015

Organising entity: Hong Kong Baptist University

City organizing entity: Hong Kong, China

Type of contribution: Scientific paper

Carlos García Delgado; Irene Alfaro Barta; Enrique Eymar Alonso.

- 29 Title of the work:** Recycling spent mushroom substrate (*Agaricus bisporus*): From agricultural waste to biosorbent of phenanthrene, Cd and Pb

Name of the conference: International Conference on Solid Waste 2015. Knowledge Transfer for Sustainable Resource Management

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Hong Kong, China

Date of event: 19/05/2015

End date: 22/05/2015

Organising entity: Hong Kong Baptist University

City organizing entity: Hong Kong, China

Type of contribution: Scientific paper

Carlos García Delgado; Marta González Izquierdo; María Alonso Izquierdo; Felipe Yunta Mezquita; Enrique Eymar Alonso.

- 30 Title of the work:** Use of spent mushroom compost (SMC) for bioremediation by *Atriplex halimus* of contaminated mining soils

Name of the conference: International Conference on Solid Waste 2015. Knowledge Transfer for Sustainable Resource Management

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Hong Kong, China

Date of event: 19/05/2015

End date: 22/05/2015

Organising entity: Hong Kong Baptist University

City organizing entity: Hong Kong, China

Type of contribution: Scientific paper

Iván Frutos Vázquez; Carlos García Delgado; Victoria Cala Rivero; Agustín Gárate Ormaechea; Enrique Eymar Alonso.



- 31** **Title of the work:** Use of spent mushroom substrate (*Agaricus bisporus*) in bioremediation of historically contaminated soil: PAH biodegradation and soil detoxification
Name of the conference: International Conference on Solid Waste 2015. Knowledge Transfer for Sustainable Resource Management
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Hong Kong, China
Date of event: 19/05/2015
End date: 22/05/2015
Organising entity: Hong Kong Baptist University
City organizing entity: Hong Kong, China
Type of contribution: Scientific paper
Carlos García Delgado; Alessandro D'Annibale; Lorena Pesciaroli; Felipe Yunta Mezquita; Silvia Crognale; Maurizio Pertuccioli; Enrique Eymar Alonso.
- 32** **Title of the work:** Use of spent mushroom substrate (*Agaricus bisporus*) in bioremediation of historically contaminated soil: impact on microbial community and PAH removal
Name of the conference: 3rd International Conference on Sustainable Remediation
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Ferrara, Italy
Date of event: 17/09/2014
End date: 19/09/2014
Organising entity: Sustainable Remediation Forum
City organizing entity: Italy
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Carlos García Delgado; Alessandro D'Annibale; Lorena Pesciaroli; Felipe Yunta Mezquita; Silvia Crognale; Maurizio Petruccioli; Enrique Eymar Alonso.
- 33** **Title of the work:** Comparativa de liberación de nutrientes de fertilizantes complejos granulados con un fertilizante que combina recubrimiento e inhibidor de nitrificación
Name of the conference: VII Congreso Ibérico de Agroingeniería y Ciencias Hortícolas
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Madrid, Spain
Date of event: 26/08/2013
End date: 29/08/2013
Organising entity: Sociedad Española de Agroingeniería
City organizing entity: Spain
Type of contribution: Scientific paper
Clara Martín Fernández; Carlos García Delgado; Enrique Eymar Alonso.
- 34** **Title of the work:** Selección de residuos de la producción de setas comestibles para biodegradación de contaminantes orgánicos persistentes.
Name of the conference: VII Congreso Ibérico de Agroingeniería y Ciencias Hortícolas
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster



Corresponding author: No
City of event: Madrid, Spain
Date of event: 26/08/2013
End date: 29/08/2013
Organising entity: Sociedad Española de Agroingeniería
City organizing entity: Spain
Type of contribution: Scientific paper
Carlos García Delgado; Nestor Jiménez Ayuso; Enrique Eymar Alonso.

- 35** **Title of the work:** Novel methodological procedure to evaluate the polycyclic aromatic hydrocarbons uptake by *Medicago sativa* in phytoremediation
Name of the conference: SETAC Europe 23rd Annual Meeting
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Glasgow, United Kingdom
Date of event: 12/05/2013
End date: 16/05/2013
Organising entity: Society of Environmental Toxicology and Chemistry
City organizing entity: Bruselas, Belgium
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Carlos García Delgado; Felipe Yunta Mezquita; Enrique Eymar Alonso.

- 36** **Title of the work:** Determinación del flujo de liberación de CO₂ de materiales orgánicos compostados en relación al contenido de humedad
Name of the conference: X Jornadas del grupo de sustratos de la Sociedad Española de Ciencias Hortícolas
Type of event: Conference **Geographical area:** National
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Santiago de Compostela, Galicia, Spain
Date of event: 14/06/2011
End date: 17/06/2011
Organising entity: Sociedad Española de Ciencias Hortícolas **Type of entity:** Associations and Groups
City organizing entity: Spain
With external admission assessment committee: Yes
Type of contribution: Scientific paper
Xiomara Castillo; Carlos García Delgado; Enrique Eymar Alonso. "Determinación del flujo de liberación de CO₂ de materiales orgánicos compostados en relación al contenido de humedad". En: Actas de Horticultura. 59, pp. 59 - 64. (Spain): 17/06/2011. ISBN 978-84-615-1760-2

- 37** **Title of the work:** Optimización de metodología de digestión por microondas de residuos orgánicos compostados
Name of the conference: X Jornadas del grupo de sustratos de la Sociedad Española de Ciencias Hortícolas
Type of event: Conference **Geographical area:** National
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Santiago de Compostela, Galicia, Spain
Date of event: 14/06/2011



End date: 17/06/2011

Organising entity: Sociedad Española de Ciencias Hortícolas **Type of entity:** Associations and Groups

City organizing entity: Spain

With external admission assessment committee: Yes

Type of contribution: Scientific paper

Carlos García Delgado; Enrique Eymar Alonso. "Determinación del flujo de liberación de CO₂ de materiales orgánicos compostados en relación al contenido de humedad". En: Actas de Horticultura. 59, pp. 148 - 153. (Spain): 17/06/2011. ISBN 978-84-615-1760-2

38 Title of the work: Analytical methodology validation for Polycyclic Aromatic Hydrocarbons extraction from either fresh or dry Spent mushroom compost by HPLC-PDA

Name of the conference: 12th International Symposium on Soil and Plant Analysis

Type of event: Conference

Geographical area: Non EU International

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Chania, Greece

Date of event: 05/06/2011

End date: 10/06/2011

Organising entity: Soil and Plant Analysis Council **Type of entity:** Associations and Groups

City organizing entity: United States of America

With external admission assessment committee: Yes

Type of contribution: Scientific paper

Carlos García Delgado; Felipe Yunta Mezquita; Enrique Eymar Alonso. "Analytical methodology validation for Polycyclic Aromatic Hydrocarbons extraction from either fresh or dry Spent mushroom compost by HPLC-PDA". En: Communications in Soil Science and Plant Analysis. 44, pp. 817 - 825. (United States of America): Taylor & Francis, 01/01/2013. ISSN 0010-3624

39 Title of the work: Assessment of polycyclic aromatic hydrocarbons (PAHs) in water, soil and pepper irrigated with purified wastewater

Name of the conference: 28th International Horticultural Congress

Type of event: Conference

Geographical area: Non EU International

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Lisboa, Portugal

Date of event: 22/08/2010

End date: 27/08/2010

Organising entity: International Society for Horticultural Science

Type of entity: Associations and Groups

City organizing entity: Bruselas, Belgium

With external admission assessment committee: Yes

Type of contribution: Scientific paper

Alberto Valdés; Carlos García Delgado; Enrique Eymar Alonso; Maria Luz Segura Pérez. "Assessment of polycyclic aromatic hydrocarbons (PAHs) in water, soil and pepper irrigated with purified wastewater". En: Acta Horticulturae. 922, pp. 253 - 256. (Belgium): 01/01/2011. ISSN 0567-7572

40 Title of the work: Effect of NK level on the uptake and nutrient distribution in pepper plant under greenhouse in the Mediterranean area

Name of the conference: 28th International Horticultural Congress

Type of event: Conference

Geographical area: Non EU International

Type of participation: 'Participatory - poster

Reasons for participation: Review before acceptance



Corresponding author: No

City of event: Lisboa, Portugal

Date of event: 22/08/2010

End date: 27/08/2010

Organising entity: International Society for Horticultural Science

Type of entity: Associations and Groups

City organizing entity: Bruselas, Belgium

With external admission assessment committee: Yes

Type of contribution: Scientific paper

Maria Luz Segura Pérez; Juana Isabel Contreras; Carlos García Delgado; Enrique Eymar Alonso. "Effect of NK level on the uptake and nutrient distribution in pepper plant under greenhouse in the Mediterranean area". En: Acta Horticulturae. 927, pp. 469 - 474. (Belgium): 01/01/2012. ISSN 0567-7572

41 Title of the work: Effect of disinfection systems on the content of the inorganic and organic contaminants in urban wastewater

Name of the conference: IV International Symposium ISHS: Toward Ecologically Sound Fertilization Strategies for Field Vegetable Production.

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Malmö, Sweden

Date of event: 22/09/2008

End date: 25/09/2008

Organising entity: International Society for Horticultural Science

Type of entity: Associations and Groups

City organizing entity: Bruselas, Belgium

With external admission assessment committee: Yes

Type of contribution: Scientific paper

Carlos García Delgado; Juana Isabel Contreras; Francisca Suarez Estrellas; Maria Luz Segura Pérez; Enrique Eymar Alonso. "Effect of disinfection systems on the content of the inorganic and organic contaminants in urban wastewater". En: Acta Horticulturae. 852, pp. 269 - 274. (Belgium): 01/01/2010. ISSN 0567-7572, ISBN 978 90 6605 742 5

42 Title of the work: Use of disinfected wastewater for pepper fertirrigation in Almería (Spain): Evaluation of chemical risks in soil and leachates

Name of the conference: IV International Symposium ISHS: Toward Ecologically Sound Fertilization Strategies for Field Vegetable Production.

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - poster

Corresponding author: No

City of event: Malmö, Sweden

Date of event: 22/09/2008

End date: 25/09/2008

Organising entity: International Society for Horticultural Science

Type of entity: Associations and Groups

City organizing entity: Bruselas, Belgium

With external admission assessment committee: Yes

Type of contribution: Scientific paper

Maria Luz Segura Pérez; Juana Isabel Contreras; Carlos García Delgado; Enrique Eymar Alonso. "Use of disinfected wastewater for pepper fertirrigation in Almería (Spain): Evaluation of chemical risks in soil and leachates". En: Acta Horticulturae. 852, pp. 275 - 282. (Belgium): 01/01/2010. ISSN 0567-7572, ISBN 978 90 6605 742 5

Other dissemination activities

- 1** **Title of the work:** Biorremediación de suelos contaminados
Name of the event: XLII Curso internacional de verano "Ciencias de la Tierra" Geología y Geoquímica Medioambiental
Type of event: Conferences given
City of event: Madrid, Community of Madrid, Spain
Date of event: 30/05/2019
Organising entity: Universidad Autónoma de Madrid **Type of entity:** University
City organizing entity: Madrid, Spain
Carlos García Delgado.
- 2** **Title of the work:** Los Hongos no sólo se comen
Name of the event: Pint of Science
Type of event: Conferences given
City of event: Salamanca, Spain
Date of event: 16/05/2017
Carlos García Delgado.
- 3** **Name of the event:** Jornadas de promoción de la Química
Type of event: Fairs and exhibitions
City of event: Madrid, Spain
Date of event: 03/2013
Organising entity: Univeridad Autónoma de Madrid
- 4** **Name of the event:** Jornadas de promoción de la Química
Type of event: Fairs and exhibitions
City of event: Madrid, Spain
Date of event: 03/2012
Organising entity: Univeridad Autónoma de Madrid
- 5** **Name of the event:** Jornadas de promoción de la Química
Type of event: Fairs and exhibitions
City of event: Madrid, Spain
Date of event: 03/2011
Organising entity: Univeridad Autónoma de Madrid
- 6** **Name of the event:** Jornadas de promoción de la Química
Type of event: Fairs and exhibitions
City of event: Madrid, Spain
Date of event: 03/2010
Organising entity: Univeridad Autónoma de Madrid
- 7** **Title of the work:** Aplicaciones del compost: Evaluación de compost agotado de cultivo de champiñón, restos de poda y biosólidos compostados como enmienda recuperadora de suelos contaminados y sustratos de cultivo
Name of the event: Curso de compostaje
Type of event: Conferences given
City of event: Madrid, Community of Madrid, Spain



Date of event: 18/12/2009

Organising entity: Asociación de estudiantes Ferrer i Guardia **Type of entity:** Associations and Groups

City organizing entity: Madrid, Spain

Carlos García Delgado.

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Consejo Nacional de Ciencia Tecnología e Innovación, Perú
Primary (UNESCO code): 251100 - Soil Science; 310100 - Agricultural chemistry; 310300 - Agronomy; 310700 - Horticultura
Affiliation entity: Consejo Nacional de Ciencia Tecnología e Innovación, Perú
City affiliation entity: Lima, Peru
Start-End date: 2021 - 2022
- 2** **Committee title:** Foreign Expert for National Centre of Science and Technology Evaluation, Kazakhstan
Primary (UNESCO code): 230100 - Analytical chemistry; 250000 - Earth and space sciences; 310100 - Agricultural chemistry
Affiliation entity: National Centre of Science and Technology Evaluation, Kazakhstan **Type of entity:** State agency
City affiliation entity: Almaty, Kazakhstan
Start-End date: 2021 - 2021
- 3** **Committee title:** National Science Centre, Poland
Primary (UNESCO code): 330806 - Reclamation of water; 330811 - Water pollution control
Affiliation entity: National Science Centre, Poland
City affiliation entity: Kraków, Poland
Start-End date: 03/09/2018 - 12/10/2018
- 4** **Committee title:** Foreign Expert for National Centre of Science and Technology Evaluation, Kazakhstan
Primary (UNESCO code): 251100 - Soil Science; 310100 - Agricultural chemistry
Affiliation entity: National Centre of Science and Technology Evaluation, Kazakhstan **Type of entity:** State agency
City affiliation entity: Almaty, Kazakhstan
Start-End date: 02/10/2017 - 07/11/2017
- 5** **Committee title:** Agencia Estatal de Investigación, Ministerio de Ciencia e Innovación
Primary (UNESCO code): 251100 - Soil Science; 310100 - Agricultural chemistry; 310300 - Agronomy; 310700 - Horticultura
Affiliation entity: Ministerio de Ciencia e Innovación
City affiliation entity: Madrid, Spain
Start date: 2022

Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** Evaluation
Performed tasks: Reviewer research projects
Entity where activity was carried out: Agencia Estatal de Investigación
City of entity: Madrid, Spain
Start date: 2022
- 2** **Name of the activity:** Evaluation
Performed tasks: Reviewer research projects
Entity where activity was carried out: FONDECYT **Type of entity:** State agency
- PERU
City of entity: Peru
Start date: 2021
- 3** **Name of the activity:** RefEvaluation
Performed tasks: Reviewer research projects
Entity where activity was carried out: National Science Centre **Type of entity:** State agency
City of entity: Poland
Start date: 2018
- 4** **Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Applied Soil Ecology
City of entity: Holland
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 20/09/2017
- 5** **Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Bioresource Technology
City of entity: Holland
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 26/06/2017
- 6** **Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Environmental Pollution
City of entity: United Kingdom
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 26/06/2017
- 7** **Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Environmental Science and Technology



City of entity: United Kingdom
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 21/06/2017

8 **Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Journal of Environmental Sciences
City of entity: China
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 15/06/2017

9 **Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: International Journal of Phytoremediation
City of entity: United States of America
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 10/06/2017

10 **Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Environmental Earth Sciences
City of entity: Germany
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 24/03/2017

11 **Name of the activity:** Referee
Performed tasks: Reviewer research projects
Entity where activity was carried out: National Centre of Science and Technology Evaluation
Type of entity: State agency
City of entity: Kazakhstan
Start date: 2017

12 **Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Journal of Environmental Management
City of entity: United Kingdom
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 20/12/2016

13 **Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: New Biotechnology
City of entity: Holland
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 16/12/2016



- 14 Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Environmental Technology
City of entity: United Kingdom
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 05/12/2016
- 15 Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Ecotoxicology and Environmental Safety
City of entity: United Kingdom
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 08/01/2016
Type of entity: Scientific Journal
- 16 Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Waste and Biomass Valorization
City of entity: Holland
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 24/11/2015
Type of entity: Scientific Journal
- 17 Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Chemosphere
City of entity: United Kingdom
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 09/2015
Type of entity: Scientific Journal
- 18 Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Brazilian Journal of Microbiology
City of entity: Brazil
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 08/2015
Type of entity: Scientific Journal
- 19 Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Journal of Hazardous Materials
City of entity: Holland
Type of activity: Review of articles in scientific or technological journals
Type of entity: Scientific Journal



Geographical area: Non EU International
Start date: 08/2015

- 20 Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Ciencia e Investigación Agraria
City of entity: Chile
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 09/2014
Type of entity: Scientific Journal

- 21 Name of the activity:** Peer review
Performed tasks: Review papers
Entity where activity was carried out: Environmental Sciences and Pollution Research
City of entity: Germany
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 12/2012
Type of entity: Scientific Journal

Other achievements

Stays in public or private R&D centres

- 1 Entity:** Università Degli studi della Toscana
Faculty, institute or centre: Facultad Agraria
City of entity: Viterbo, Italy
Primary (UNESCO code): 230209 - Enzymology; 239100 - Environmental Chemistry; 250811 - Quality of water
Start-End date: 31/05/2016 - 31/07/2016
Duration: 2 months
Funding entity: Universidad Autónoma de Madrid
Type of entity: University
City funding entity: Madrid, Community of Madrid, Spain
Name of programme: Programa de movilidad FPI-UAM
Goals of the stay: Post-doctoral
Identify key words: Pollution control measures
- 2 Entity:** Università Degli studi della Toscana
Faculty, institute or centre: Facultad Agraria
City of entity: Viterbo, Italy
Primary (UNESCO code): 251101 - Soil biochemistry; 251104 - Soil chemistry; 251109 - Soil microbiology
Start-End date: 01/02/2012 - 30/04/2012
Duration: 3 months
Funding entity: Universidad Autónoma de Madrid
Type of entity: University
City funding entity: Madrid, Community of Madrid, Spain
Name of programme: Programa de movilidad FPI-UAM
Goals of the stay: Doctorate
Identify key words: Soil science



Obtained grants and scholarships

- 1** **Name of the grant:** Juan de la Cierva _ Formación
Aims: Post-doctoral
Awarding entity: Ministerio de Economía y Competitividad **Type of entity:** State agency
Conferral date: 01/03/2017 **Duration:** 2 years
End date: 28/02/2019
Entity where activity was carried out: Instituto de Recursos Naturales y Agrobiología de Salamanca
- 2** **Name of the grant:** Mobility Grant UAM
City awarding entity: Madrid, Community of Madrid, Spain
Aims: Post-doctoral
Awarding entity: Universidad Autónoma de Madrid **Type of entity:** University
Amount of the grant: 2.480 €
Conferral date: 31/05/2016 **Duration:** 2 months
End date: 31/07/2016
Entity where activity was carried out: Università Degli Studi della Tuscia
Faculty, institute or centre: Facultad Agraria
- 3** **Name of the grant:** Pre-doctoral Grant FPI-UAM
City awarding entity: Madrid, Spain
Aims: Pre-doctoral
Awarding entity: Universidad Autónoma de Madrid **Type of entity:** University
Conferral date: 01/10/2009 **Duration:** 3 years - 4 months - 19 days
End date: 19/02/2013
Entity where activity was carried out: Universidad Autónoma de Madrid
Faculty, institute or centre: Facultad de Ciencias
- 4** **Name of the grant:** Mobility Grant FPI-UAM
City awarding entity: Madrid, Spain
Aims: Pre-doctoral
Awarding entity: Universidad Autónoma de Madrid **Type of entity:** University
Amount of the grant: 4.500 €
Conferral date: 01/02/2012 **Duration:** 3 months
End date: 30/04/2012
Entity where activity was carried out: Università Degli Studi della Tuscia
Faculty, institute or centre: Facultad Agraria
- 5** **Name of the grant:** Post-degree Grant
City awarding entity: Madrid, Spain
Awarding entity: FUNDACION GENERAL DE LA UNIVERSIDAD AUTONOMA DE MADRID FUAM
Conferral date: 05/05/2009 **Duration:** 4 months - 27 days
End date: 30/09/2009
Entity where activity was carried out: Universidad Autónoma de Madrid
Faculty, institute or centre: Facultad de Ciencias



- 6** **Name of the grant:** Collaboration Grant
City awarding entity: Madrid, Spain
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Amount of the grant: 2.550 €
Conferral date: 15/11/2007
End date: 31/07/2008
Entity where activity was carried out: Universidad Autónoma de Madrid
Faculty, institute or centre: Facultad de Ciencias

Scientific societies and professional associations

- 1** **Name of the society:** Society of Environmental Toxicology and Chemistry
City affiliation entity: Belgium
Start-End date: 05/2013 - 05/2014
- 2** **Name of the society:** Sociedad Española de las Ciencias del Suelo
City affiliation entity: Spain
Identify key words: Soil science
Start date: 26/08/2014

Editorial councils

- 1** **Name of the editorial council:** ELSEVIER
Affiliation entity: Journal of Hazardous Materials ISSN: 0304-3894
City affiliation entity: AmsterdamAmsterdam, Holland
Start date: 01/10/2023
- 2** **Name of the editorial council:** ELSEVIER SCI LTD
Affiliation entity: Heliyon ISSN: 2405-8440
City affiliation entity: OxfordOxford, United Kingdom
Start date: 01/07/2023
- 3** **Name of the editorial council:** MDPI
Affiliation entity: Agronomy ISSN: 2073-4395
City affiliation entity: BaselBasel, Switzerland
Start date: 01/08/2019 **Duration:** 4 years

Co-operation networks

Name of the network: NEREUS COST Action ES1403
Identification of the network: To develop a multi-disciplinary network to determine which of the current challenges related to wastewater reuse are the most concerning ones in relation to public health and environmental protection, and how these can be overcome.
City of co-operation network: Nicosia, Cyprus
Participating entity/entities: CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA
Selection entity: University of Cyprus **Type of entity:** University
City selection entity: Cyprus
Start date: 08/2015



Prizes, mentions and distinctions

- 1** **Description:** Publons Peer Review Awards - Cross Field
Awarding entity: Publons - WOS
Conferral date: 2019
- 2** **Description:** Publons Peer Review Awards - Environment and Ecology
Awarding entity: Publons - WOS
Conferral date: 2019
- 3** **Description:** Publons Peer Review Awards - Environment/Ecology
Awarding entity: Publons
Type of entity: Business
Conferral date: 2018

Obtained accreditations/recognitions

- 1** **Description:** Assistant PhD Professor
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación
City accrediting entity: Madrid, Spain
Date of recognition: 29/09/2015
Type of entity: National
- 2** **Description:** Contract Professor
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación
City accrediting entity: Madrid, Spain
Date of recognition: 29/09/2015
Type of entity: National
- 3** **Description:** Private University Professor
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación
City accrediting entity: Madrid, Spain
Date of recognition: 29/09/2015
Type of entity: National