

## Personal file - Susana Redondo Gómez

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Profile in ORCID: [0000-0002-5280-9325](#)

Profile in ResearcherID: [E-6783-2010](#)

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Research Group: [Applied Vegetable Ecophysiology](#)

Department / Unit: [Plant Biology and Ecology](#)

Professional situation: University Professor

### Responsible for the following projects / aids in the US:

- **Projects:**
  - Halophytes and their Rhizospheric Relations: Tools for the Adaptation of Traditional Agriculture to Climate Change ( [CGL2016-75550-R](#) )
  - Regulation by arbuscular mycorrhizae of the integrated physiological response to salinity in rice plants ( [CONV / PROY / EXCE / CSIC / 014](#) )
  - Evaluation of the desalination capacity of arthrocnemum macrostachyum ( [RTA2012-00006-C03-02](#) )
  
- **Aids:**
  - Incentive to the Research Group RNM-035 ( [2011 / RNM-035](#) )

### Participate in the following projects / grants in the US:

- **Projects:**

- Low Cost Ecological Strategies for the Recovery of Andalusian Estuaries Contaminated with Heavy Metals. Rizoestabilization with Plants and Inoculants Native ( [P11-RNM-7274](#) - Researcher)

- **Contracts Arts. 68/83 LOU:**

- Establishment of a gardening model to optimize the capture and sequestration of carbon dioxide in the Green System of the Port of Bahía de Algeciras ( [0554/0168](#) - Researcher)
- Evaluation of the CO2 sink capacity of the green system of Andalusian municipalities within the framework of the City XXI Forests for Cities Program. Proposal of a model of planning and management of the urban green system before a scenario of Climate Change ( [0444/0249](#) - Researcher)
- Preparation of a descriptive report on habitats of Huelva- **Litoral** interest ( [0452/0168](#) - Researcher)
- Evaluation of the CO2 sink capacity of the arboreal and shrub vegetation that can be used in the road network of Andalusia. Generation of a seasonal model for the operation of sinks and practical application ( [OG-041/08](#) - Researcher)
- Landscape treatment of the fluvial margin of the Parque del Alamillo to increase biodiversity: contextualization with its surroundings, alternatives and ecotonia within the park ( [OG-090/08](#) - Researcher)
- Model for ordering the fluvial margin of the Alamillo Park in relation to the maintenance of biodiversity and elaboration of the ecological bases that frame the actions of the park in the ecological theory ( [OG-105/07](#) - Researcher)
- Environmental analysis of the University of Seville with a view to the proposal of a strategic plan for sustainability and fight against climate change ( [OG-124/07](#) - Researcher)
- Study of the environmental role of Cartaya pine forests as a carbon dioxide sink in a sustainability scenario in relation to the Kyoto Protocol guidelines. Recommendations for an ordinance of urban plantations in a sustainable municipality ( [OG-030/06](#) - Researcher)
- Study of the ecology and environmental value of eucalyptus stands isolated and existing in the pine forests of Cartaya. Role in connectivity and global ecological permeability of the territory ( [OG-031/06](#) - Researcher)

- Establishment of the network of natural itineraries and green networks of Cartaya. Generation of nature guides and manual of good environmental manners and sustainable tourism ( [OG-032/06](#) - Researcher)
- Ecological study about models of regeneration of hedges, banks and slopes of the municipality of Cartaya in order to increase landscape connectivity and biodiversity within the framework of an environmentally and socially sustainable development ( [OG-033/06](#)- Researcher)
- Vegetation analysis for the environmental diagnosis of the sectors called 'Los Portichuelos' and 'San Antonio' framed in the municipality of Línea de la Concepción ( [OG-034/06](#) - Researcher)
- Guide to good environmental manners at the University of Seville ( [OG-035/06](#) - Researcher)
- Study of the ecology of the Parque del Alamillo, model of ordering the nursery in relation to the maintenance of biodiversity and the preparation of an ecological report on the management of Parque del Alamillo ( [OG-114/06](#) - Researcher)
- Landscape and ecological study of the pasture of Tablada, cartography of ecosystems, current valuation of species and habitat and interpretation of the role of its ecological connectivity at territorial scale in its present state ( [OG-115/06](#) - Researcher)
- Ecological technical assistance in the project of ecological restoration of the tidal margin of the Avenida de Montenegro between the pier of Pertrechos and Punta del Sebo (Huelva) ( [OG-116/06](#) - Researcher)
- Consultancy and assistance for the realization of the vegetation and flora cartography at a detailed scale (The northeast andévalo) ( [OG-088/05](#) - Researcher)
- Study of the ecology of the Alamillo Park and proposal of criteria and actions to be developed to conserve and enhance its biodiversity ( [OG-114/05](#) - Researcher)
- Study of the ecology of the Alamillo park and proposal of criteria and actions to be developed to conserve and enhance its biodiversity ( [OG-115/05](#) - Researcher)

- **Aids:**

- Aid for the Consolidation of the Research Group RNM-224 ( [2009 / RNM-224](#) - Researcher)
- Aid for the Consolidation of the Research Group RNM-224 ( [2008 / RNM-224](#) - Researcher)
- Aid for the Consolidation of the Research Group RNM-224 ( [2007 / RNM-224](#) - Researcher)

- Evaluation of the role of Espartina marshes as a carbon dioxide sink ( [PCI2006-A7-0641](#) - Researcher)
- Aid for the Consolidation of the Research Group RNM-224 ( [2006 / RNM-224](#) - Researcher)
- Aid for the Consolidation of the Research Group RNM-224 ( [2005 / RNM-224](#) )

## Participation in external projects:

- Regulation by Arbuscular Mycorrhizae of the Physiological Response Integrated to the Salinity in Rice Plants (CSIC)

Coverage of the project database, [see here](#)

## Publications:

### books

Figuroa Clemente, Manuel Enrique, Andrades Moreno, Luis, Redondo Gomez, Susana, Cambrollé Silva, Jesús, Castillo Segura, Jesus Manuel, et. al. :  
City and Climate Change. Tomares, Spain. Muñoz Moya Editores Extremeños. 2009

Good Neighbor, Immaculate, Figuroa Clemente, Manuel Enrique, Safe Castle, Jesus Manuel, Mateos Naranjo, Enrique, Luque Palomo, M<sup>a</sup> Teresa, et. al. :  
The City and Climate Change. Santander (SPAIN). Energy Agency of Seville. 2008

Figuroa Clemente, Manuel Enrique, Luque Palomo, M<sup>a</sup> Teresa, Redondo Gomez, Susana, Rubio Casal, Alfredo Emilio, Bueno Bueno, Inmaculada, et. al. :  
Urban Vegetation as a Carbon Dioxide Sink. Energy Agency of Seville. 2007. ISBN 978-84-690-6520-4

Figuroa Clemente, Manuel Enrique, Gavira, Raul, Castillo Segura, Jesus Manuel, Miquel Mena, D., Luque Palomo, M<sup>a</sup> Teresa, et. al. :  
University Guide in Good Ways to Climate Change. How to Care for the Environment and Fight Against Climate Change in Our Daily Life. Sevilla University. 2006

Díez Martín, Elena, Vázquez Cabello, Juan, Redondo Gomez, Susana, Fernandez Ternero, Desamparados, Vilches Alarcon, Jose Antonio, et. al. :  
The University Teaching: Guide for the Planning and Development of Teaching in the Area of Experimental Sciences (Exact and Natural). Eos. 2005. ISBN 84-9727-137-8

Figuroa Clemente, Manuel, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. to the.:  
Memory of Vegetation: Natural Place "Estero de Domingo Rubio"

Rubio Casal, Alfredo Em, Figuroa Clemente, Manuel Enrique, Castillo Segura, Jesus Manuel, Jiménez Nieva, Fco. Javier, Davy, Anthony John, et. al. :

Study of the Marshlands of the Urban Environment of Huelva, Assessment of the Fragmentation and Ecological Connectivity of the Landscapes of the Territory of the Environmental Quality Plan of Huelva and its Environment for Public Use and Establishment of Ecological Corridors

Alvarez Lopez, Antonio a, Figueroa Clemente, Manuel Enrique, Castillo Segura, Jesus Manuel, Luque Palomo, M<sup>a</sup> Teresa, Redondo Gomez, Susana, et. to the.:

Evaluation of the Growth and Levels of Physiological Stress of Four Species of Lacustrine Vegetation in Hydroponic Crops with Waters from Debugging Buckets and Realization of a Design Project for the Establishment of a Dunar Park in the Refinery Facilities of the Rabida

Rubio Casal, Alfredo Emili, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. al.:

Memory of Vegetation: Punta Entinas Natural Park-Sabinar

Figueroa Clemente, Manuel, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. al.:

Memory of Vegetation: Natural Site of Marshes of the Piedras River and Flecha del Rompido

Luque Palomo, Carlos Ja, Figueroa Clemente, Manuel Enrique, Castillo Segura, Jesus Manuel, Luque Palomo, M<sup>a</sup> Teresa, Rubio Casal, Alfredo Emilio, et. al.:

Development of an Integrated Management Model of the Margins of the Padre Santo Canal (Marismas del Tinto and El Odiel) for its Stabilization and Consolidation of the Spartina Maritima Biogenetic Reserve

Luque Palomo, M<sup>a</sup>, Figueroa Clemente, Manuel Enrique, Rubio Casal, Alfredo Emilio, Castillo Segura, Jesus Manuel, Redondo Gomez, Susana, et. al.:

Ecological Study and Characterization of the Environmental Quality of the Dune and Marismeño Ecosystems of Punta Umbría for the Generation of Ecologically Sustainable Tourism Plans

Muñoz González, Jerónimo, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Muñoz González, Jerónimo, Figueroa Clemente, Manuel Enrique, et. al.:

Memory of Vegetation: Wetland "Estero de la Nao"

Luque Palomo, M<sup>a</sup> Ter, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. al.:

Memory of Vegetation: Site of Community Interest "Island of San Bruno"

Luque Palomo, Car, Figueroa Clemente, Manuel Enrique, Safe Castle, Jesus Manuel, Luque Palomo, M<sup>a</sup> Teresa, Rubio Casal, Alfredo Emilio, et. al.:

Ecological Restoration of the Spartina Maritima Marshlands in the Odiel and Tinto Estuary (Huelva) for the Establishment of a Biogenetic Reserve

Figueroa Clemente, Manuel, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. al.:

Memory of Vegetation: Wetland "Mouth of the Antas River"

Figueroa Clemente, Manuel, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. al.:

Memory of Vegetation: Cabo de Gata-Níjar Natural Park (Salinas de Cabo de Gata)

Luque Palomo, M<sup>a</sup> Teresa, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. al.:

Memory of Vegetation: Albufera Nature Reserve of Adra

Castellanos Verd, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. al.:

Memory of Vegetation: Wetland "Mouth of the River Waters"

Alvarez Lopez, Antonio Agustin, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Figueroa Clemente, Manuel Enrique, Rubio Casal, Alfredo Emilio, et. al. :  
Report on the State of Halophil Flora and Marsh Ecosystems Included in the Network of Natural Spaces of Andalusia. Cataloging Proposals

Alvarez Lopez, Antonio Agustin, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. al. :  
Memory of Vegetation: Wetland "Estero de la Sardina"

Alvarez Lopez, Antonio Agustin, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. al. :  
Memory of Vegetation: Site of Community Interest "Marismas de Carboneras"

A, Figueroa Clemente, Manuel Enrique, Castillo Segura, Jesus Manuel, Castellanos Verdugo, Eloy M., Davy, Anthony John, et. al. :  
Study of the Erosion Trends of the Odiel and Tinto River Estuaries in order to Establish a Model of Stabilization and Environmental Regeneration of Its Margins within the Framework of the Huelva Quality Plan and Restoration of the Punta Estuarine Margins of Sebo

Alvarez Lopez, Antonio Agustin, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. to the.:  
Memory of Vegetation: Place of Community Interest "Rambla de Arejos"

Gonzalez Rodriguez, Manuel, Figueroa Clemente, Manuel Enrique, Safe Castle, Jesus Manuel, Luque Palomo, Maria Teresa, Rubio Casal, Alfredo Emilio, et. al. :  
Study of the Erosion Trends of the Odiel and Tinto River Estuaries in order to Establish a Model of Stabilization and Environmental Regeneration of Its Margins within the Framework of the Huelva Quality Plan and Restoration of the Punta Estuarine Margins of Sebo

Alvarez Lopez, Antonio Agustin, Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Muñoz González, Jerónimo, et. al. :  
Memory of Vegetation: Natural Area of Marshes of Isla Cristina

### **Other participation in Books**

Figueroa Clemente, Manuel Enrique (Coordinator), Redondo Gomez, Susana (Coordinator), Teresa, Arenillas (Collaborator), Luque Palomo, M<sup>a</sup> Teresa (Author), Fernández Muñoz, Francisco (Author), et. al. :  
The Natural Sinks of Co2. Sevilla University. 2007. ISBN 978-84-472-0956-9

### **Chapters in Books**

Redondo Gomez, Susana:  
Abiotic and biotic stress tolerance in plants. Pag. 1-22. *In: Molecular Stress Physiology of Plants* . Springer. 2013. ISBN 978-81-322-0806-8

Castellanos Verdugo, Eloy M., Luque Palomo, Carlos Javier, Mateos Naranjo, Enrique, Redondo Gomez, Susana, Green, Andrew John:  
Ecological Implications of the Presence of Invasora Exotic Flora in Marsh ecosystems. Case Study: *Spartina Densiflora*. Pag. 124-131. *In: Invasive Exotic Species in Andalusia* . Santander (SPAIN). Ministry of Environment of the Junta de Andalusia. 2010. ISBN 978-849-280-750-5

Luque Palomo, Carlos Javier, Castellanos Verdugo, Eloy M., Mateos Naranjo, Enrique, Redondo Gomez, Susana: Distribution and Occupation of *Spartina Densiflora* in the Litoral of the Province of Huelva. Pag. 198-203. *In: Invasive Exotic Species in Andalusia* . Santander (SPAIN). Ministry of Environment of the Junta de Andalusia. 2010. ISBN 978-849-280-750-5

Mateos Naranjo, Enrique, Redondo Gomez, Susana, Luque Palomo, Carlos Javier, Castellanos Verdugo, Eloy M.: Biological Invasions and Coastal Ecosystems. Situation of *Spartina Densiflora* in the Province of Cádiz. Pag. 208-213. *In: Invasive Exotic Species in Andalusia* . Santander (SPAIN). Ministry of Environment of the Junta de Andalusia. 2010. ISBN 978-849-280-750-5

Figuerola Clemente, Manuel Enrique, Redondo Gomez, Susana: Primary Production. Vol. XXVII. Pag. 162-186. *In: Andalusia Project. Ecology I (Volume XXVIII)* . Ed. 1. Pontevedra, Spain. Community Publications Hercules Group. 2010. ISBN 978-84-936736-0-4

Mateos Naranjo, Enrique, Alvarez Lopez, Antonio Agustin, Rubio Casal, Alfredo Emilio, Redondo Gomez, Susana, Figuerola Clemente, Manuel Enrique: Distribution and Occupation of *Spartina Densiflora* in the Litoral of the Province of Huelva. Pag. 199-203. *In: The Invasive Exotic Species in Andalusia. Situation and Lines of Action* . Junta Andalusia. 2010

Mateos Naranjo, Enrique, Redondo Gomez, Susana, Castillo Segura, Jesus Manuel, Jiménez Nieva, Fco. Javier, Alvarez Lopez, Antonio Agustin, et. to the.: Biological Invasions and Coastal Ecosystems. Situation of *Spartina Densiflora* in the Province of Cádiz. Pag. 209-213. *In: The Invasive Exotic Species in Andalusia. Situation and Lines of Action* . Junta Andalusia. 2010

Mateos Naranjo, Enrique, Redondo Gomez, Susana, Figuerola Clemente, Manuel Enrique, Green, Andrew: Ecological Implications of the Presence of Exotic Flora Invasora in Ecosystems of Marshlands. Case Study: *Spartina Densiflora*. Pag. 125-131. *In: The Invasive Exotic Species in Andalusia. Situation and Lines of Action* . Junta Andalusia. 2010

Mateos Naranjo, Enrique, Redondo Gomez, Susana, Luque Palomo, Carlos Javier, Castellanos Verdugo, Eloy M., Figuerola Clemente, Manuel Enrique: Biological Invasions. Implications for the Biodiversity in Wetland Ecosystems. Pag. 1-11. *In: Advances in Environmental Research* . New York Nova Sciences. 2010. ISBN 978-1-60876-168-5

Redondo Gomez, Susana, Mateos Naranjo, Enrique, Green, Andrew John, Figuerola Clemente, Manuel Enrique: The Ecological Restoration as a Way of Entry of Invasive Alien Species: *Spartina Densiflora* in the Park National Park and its Surroundings. Pag. 387-391. *In: The Invasive Exotic Species in Andalusia. Situation and Lines of Action* . Junta Andalusia. 2010

Redondo Gomez, Susana, Mateos Naranjo, Enrique, Fernández Muñoz, Francisco, Andrades Moreno, Luis, Luque Palomo, M<sup>a</sup> Teresa, et. to the.: Terrestrial and Aquatic Ecosystems As Natural Co<sub>2</sub> Sinks Pag. 83-112. *In: Capture and Storage of Co<sub>2</sub>* . Real Sevillana Academy of Sciences. 2009

Figuerola Clemente, Manuel Enrique, Good Neighbor, Immaculate, Redondo Gomez, Susana, Luque Palomo, M<sup>a</sup> Teresa, Fernández Muñoz, Francisco, et. al.: Terrestrial and Aquatic Ecosystems as Natural Co<sub>2</sub> Sinks. Pag. 83-112. *In: Capture and Storage of Co<sub>2</sub>* . Ed. 1. Real Sevillana Academy of Sciences. 2009. ISBN 84-611-4510-0

Redondo Gomez, Susana, Mateos Naranjo, Enrique, Figuerola Clemente, Manuel Enrique: Fluorescence Response to Temperature Stress in Salt Marsh Taxa of Genus *Sarcocornia* Under Laboratory Conditions. Pag. 1-13. *In: New Plant Physiology Research* . New York Nova Sciences. 2009. ISBN 978-1-60741-102-4

Figuerola Clemente, Manuel Enrique, Luque Palomo, M<sup>a</sup> Teresa, Redondo Gomez, Susana, Miquel Suárez Inclán, Luis:  
The Importance and the Scale of Individual Action in the Face of Climate Change. Pag. 109-120. *In: Climate and Sustainability* . Seville,. Official College of Doctors and Graduates in Philosophy and Letters and Sciences of Seville and Huelva. 2008. ISBN 9788461215966

Figuerola Clemente, Manuel Enrique, Redondo Gomez, Susana, Luque Palomo, M<sup>a</sup> Teresa, Miquel Suárez Inclán, Luis:  
The City, its Metabolism and Biodiversity Before Climate Change. a Reflection to Develop Individual and Social Attitudes in Relation to Complex Phenomena. Pag. 287-311. *In: Cities, Environment & Sustainability* . Santander (SPAIN). Arcibel. 2007. ISBN 978-84-935905-0-5

Redondo Gomez, Susana, Mateos Naranjo, Enrique, Cox Meana, Lucia, Cornejo, J., Figuerola Clemente, Manuel Enrique:  
Effect of Diuron and Simazine on Photosystem II Photochemistry in Olive Crops : Effect of Soil Amendment With Solid Olive-Mill Waste. Pag. 316-323. *In: Environmental Fate and Ecological Effects of Pesticides* . Pavia, Italy. The Goliardica Pavese SRL 2007. ISBN 978-88-7830-473-4

Castellanos Verdugo, Eloy M., Figuerola Clemente, Manuel Enrique, Jiménez Nieva, Fco. Javier, Luque Palomo, Carlos Javier, Castillo Segura, Jesus Manuel, et. al. :  
Evolution of Vegetation in Salinas Abandoned. Pag. 196-197. *In: Salinas de Andalucía* . Ministry of Environment of the Junta de Andalucía. 2004. ISBN 987-20286-9-9

Luque Palomo, Carlos Javier, Alvarez Lopez, Antonio Agustin, Valle, Fatima, Castillo Segura, Jesus Manuel, Redondo Gomez, Susana, et. al. :  
Detail Cartography of the Vegetation of the Natural Area of Isla Cristina Marshlands (Huelva). Pag. 12-12. *In: Workshop on Geographic Information Systems and Remote Sensing in Ecology* . Ed. 2002. Alcalá de Henares. University of Alcalá de Henares. 2002. ISBN 84-688-1490-3

Castillo Segura, Jesus Manuel, Rubio Casal, Alfredo Emilio, Luque Palomo, Carlos Javier, Luque Palomo, M<sup>a</sup> Teresa, Castellanos Verdugo, Eloy M., et. to the.:  
The Regression of the Spartina Maritima and Its Environmental Consequences in the Estuary of Tinto and Odiel. Pag. 132-133. *In: Regional Identity and Globalization* . Huelva, Spain. University of Huelva, Publications Service. 2000. ISBN 84-95089-82-3

### **Publications in magazines**

Navarro Torre, Salvadora, Montero Calasanz, María del Carmen, Carro, Lorena, Rodriguez Llorente, Ignacio David, Pajuelo Dominguez, Eloisa, et. al. :  
Kushneria phyllosphaerae sp. Nov. and Kushneria endophytica sp. nov., plant growth promoting endophytes isolated from the halophyte plant *Arthrocnemum macrostachyum*. *In: International Journal of Systematic and Evolutionary Microbiology* . 2018. doi: 10.1099 / ijsem.0.002897

Duarte, Bernardo, Carreiras, João, Pérez Romero, Jesús Alberto, Mateos Naranjo, Enrique, Redondo Gomez, Susana, et. al. :  
Halophyte fatty acids as biomarkers of anthropogenic-driven contamination in Mediterranean marshes: Sentinel species survey and development of an integrated biomarker response (IBR) index. *In: Ecological Indicators*. 2018. Vol. 87. Pag. 86-96. <https://doi.org/10.1016/j.ecolind.2017.12.050>

Pérez Romero, Jesús Alberto, Idaszkin, Yanina, Duarte, Bernardo, Baeta, Alexandra, Marques, João Carlos, et. al. :  
Atmospheric CO<sub>2</sub> enrichment effect on the Cu-tolerance of the C<sub>4</sub> cordgrass *Spartina densiflora*. *In: Journal of*



*Plant Physiology* . 2018. Vol. 220. Pag. 155-166. <https://doi.org/10.1016/j.jplph.2017.11.005>

Pérez Romero, Jesús Alberto, Idaszkin, Yanina, Barcia Piedras, Jose Maria, Duarte, Bernardo, Mateos Naranjo, Enrique, et. al.:

Disentangling the effect of atmospheric CO<sub>2</sub> enrichment on the halophyte *Salicornia ramosissima* J. Woods physiological performance under optimal and suboptimal saline conditions. *In: Plant Physiology and Biochemistry*. 2018. Vol. 127. Pag. 617-629. <https://doi.org/10.1016/j.plaphy.2018.04.041>

Mesnoui, Mohammed Mesnoui, Mateos Naranjo, Enrique, Pérez Romero, Jesús Alberto, Barcia Piedras, Jose Maria, Redondo Gomez, Susana:

Combined effect of Cr-toxicity and temperature rise on physiological and biochemical responses of *Atriplex halimus* L. *In: Plant Physiology and Biochemistry* . 2018. <https://doi.org/10.1016/j.plaphy.2018.08.025>

Paredes, Karina I., Mateos Naranjo, Enrique, Doukkali, Bouchra, Caviedes Formento, Miguel Angel, Redondo Gomez, Susana, et. al.:

Modulation of *Spartina densiflora* plant growth and metal accumulation upon selective inoculation treatments: A comparison of gram negative and gram positive rhizobacteria. *In: Marine Pollution Bulletin: the international journal for marine environmental scientists, engineers, administrators, politicians and lawyers* . 2017. Vol. 125. No. 1-2. Pag. 77-85. [10.1016 / j.marpolbul.2017.07.072](https://doi.org/10.1016/j.marpolbul.2017.07.072)

Camacho, Maria Guadalupe, Redondo Gomez, Susana, Rodriguez Llorente, Ignacio David, Rohde, M, Spröer, C, et. al.:

*Kocuria salina* sp. nov., an actinobacterium isolated from the rhizosphere of the halophyte *Arthrocnemum macrostachyum* and emended description of *K. turfanensis*. *In: International Journal of Systematic and Evolutionary Microbiology* . 2017. Vol. 67. Pag. 5006-5012. [10.1099 / ijsem.0.002401](https://doi.org/10.1099/ijsem.0.002401)

Puglielli, Giacomo, Redondo Gomez, Susana, Gratani, Loretta, Mateos Naranjo, Enrique:

Highlighting the differential role of leaf paraheliotropism in two Mediterranean *Cistus* species under stress and well-watered conditions. *In: Journal of Plant Physiology* . 2017. Vol. 213. Pag. 199-208. [10.1016 / j.jplph.2017.02.015](https://doi.org/10.1016/j.jplph.2017.02.015)

Navarro Torre, Salvadora, Barcia Piedras, Jose Maria, Caviedes Formento, Miguel Angel, Pajuelo Dominguez, Eloisa, Redondo Gomez, Susana, et. al.:

Bioaugmentation with bacteria selected from the microbiome enhancers *Arthrocnemum macrostachyum* metal accumulation and tolerance. *In: Marine Pollution Bulletin: the international journal for marine environmental scientists, engineers, administrators, politicians and lawyers* . 2017. [10.1016 / j.marpolbul.2017.02.008](https://doi.org/10.1016/j.marpolbul.2017.02.008)

Navarro Torre, Salvadora, Barcia Piedras, Jose Maria, Mateos Naranjo, Enrique, Redondo Gomez, Susana, Camacho Martínez-Vara de Rey, María, et. al.:

Assessing the role of endophytic bacteria in the halophyte *Arthrocnemum macrostachyum* salt tolerance. *In: Plant Biology* . 2017. Vol. 19. Núm. 2. Pag. 249-256. [10.1111 / plb.12521](https://doi.org/10.1111/plb.12521)

Mesnoui, Mohammed, Mateos Naranjo, Enrique, Barcia Piedras, Jose Maria, Perez Romero, Jesus Alberto, Lotmani, Brahim, et. al.:

Physiological and biochemical mechanisms preventing Cd-toxicity in the hyperaccumulator *Atriplex halimus* L. *In: Plant Physiology and Biochemistry* . 2016. Vol. 106. No. September. Pag. 30-38. [10.1016 / j.plaphy.2016.04.041](https://doi.org/10.1016/j.plaphy.2016.04.041)

Pérez Romero, Jesús Alberto, Redondo Gomez, Susana, Mateos Naranjo, Enrique:

Growth and photosynthetic limitation analysis of the Cd-accumulator *Salicornia ramosissima* under excess cadmium concentrations and optimum salinity conditions. *In: Plant Physiology and Biochemistry* . 2016. Vol. 109. Núm. December. Pag. 103-113. <http://dx.doi.org/10.1016/j.plaphy.2016.09.011>

Camacho Martínez-Vara de Rey, María, Redondo Gomez, Susana, Rodriguez Llorente, Ignacio David, Rohde,

Manfred, Spröer, Cathrin, et. al.:

Labrenzia salina sp. nov., isolated from the rhizosphere of the halophyte *Arthrocnemum macrostachyum*. In: *International Journal of Systematic and Evolutionary Microbiology*. 2016. Vol. 66. Num. 12. Pag. 5173-5180. 10.1099 / ijssem.0.001492

Mateos Naranjo, Enrique, Redondo Gomez, Susana:

Inter-population Differences in Salinity Tolerance of the Invasive Cordgrass *Spartina densiflora*: Implications for Invasion Process. In: *Estuaries and Coasts*. 2016. Vol. 39. Pag. 98-107

Camacho Martínez-Vara de Rey, María, Montero Calasanz, MC, Redondo Gomez, Susana, Rodriguez Llorente, Ignacio David, Schumann, P, et. al.:

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## **Contributions to Congresses**



Duarte, Bernardo, Mateos Naranjo, Enrique, Redondo Gomez, Susana, Marques, Jc, Caçador, Isabel:  
The tale continues: ecophysiological fitness of non-indigenous versus native *Spartina* species in  
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