

Ecología

Áreas de conocimiento: Ecología

Director: José María Conde Porcuna

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Página web: <http://ecologia.ugr.es/>

Profesorado: CU: 5, PTU: 9, PDI Contratado: 3 y Otros: 42

Tesis leídas

- Emilio José Moreno Linares

Título: The role of diapausing eggs in zooplankton biodiversity and dispersal

Directores: José María Conde Porcuna y Carmen Pérez Martínez

Fecha: 26 de Septiembre de 2017

Calificación: Sobresaliente cum laude por unanimidad. Mención de Doctorado Internacional.

- Laura Jiménez Liébanas

Título: Paleolimnological evidence of global change in high mountain ecosystems of Sierra Nevada

Directores: Carmen Pérez-Martínez y José María Conde

Fecha: 22 de Septiembre de 2017

Calificación: Sobresaliente cum laude por unanimidad. Mención de Doctorado Internacional.

- Javier Valverde

Título: Generalización estructurada: dinámica evolutiva de un sistema generalista a escala espacial fina

Directores: Francisco Perfectti (Dpto Genética, UGR) y José M. Gómez

Fecha: 9 de junio de 2017

Calificación: Sobresaliente cum laude por unanimidad. Mención de Doctorado Internacional.

Grupos de Investigación.

RNM918 Conservación y Restauración de Ecosistemas y Agroecosistemas

- Responsable: JORGE CASTRO GUTIERREZ

RNM220 ECOLOGIA TERRESTRE

- Responsable: JOSE ANTONIO HODAR CORREA

RNM367 ECOLOGÍA FUNCIONAL

- Responsable: PRESENTACION CARRILLO LECHUGA

RNM125 REDES TROFICAS PELAGICAS CONTINENTALES

- Responsable: LUIS JOSE CRUZ PIZARRO

Publicaciones en revistas

- 2018 Artículo: Impacts of salvage logging on biodiversity - a meta-analysis, Journal of Applied Ecology, 55, 1, 279-289

JORGE CASTRO GUTIERREZ

- 2018 Artículo: Checklist de Fauna Ibérica. Orden Plecoptera (Arthropoda: Insecta) en la península ibérica e islas Baleares (edición 2018), Documentos Fauna Ibérica, 5, , 1-15

MANUEL JESÚS LÓPEZ RODRÍGUEZ

- 2018 Artículo: AHL-lactonase expression in three marine emerging pathogenic Vibrio spp. reduces virulence and mortality in brine shrimp (Artemia salina) and Manila clam (Venerupis philippinarum)., PloS One, 13, , e0196178-

ISABEL RECHE CAÑABATE

- 2018 Artículo: Variations in the hatching response of rotifers to salinity and waterbird ingestion, Journal of Plankton Research, , , -

EMILIO JOSÉ MORENO LINARES

JOSE MARIA CONDE PORCUNA

MARIA CARMEN PEREZ MARTINEZ

- 2018 Artículo: Gas exchange at whole plant level shows that a less conservative water use is linked to a higher performance in three ecologically distinct pine species., Environmental Research Letters, 13, 4, -

DIEGO SALAZAR TORTOSA

JORGE CASTRO GUTIERREZ

RAFAEL RUBIO DE CASAS

- 2018 Artículo: The "isohydric trap": a proposed feedback between water shortage, stomatal regulation and nutrient acquisition drives differential growth and survival of European pines under climatic dryness, Global Change Biology, Aceptado, sin editar, , -

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JORGE CASTRO GUTIERREZ

RAFAEL RUBIO DE CASAS

- 2018 Artículo en prensa: Salvage logging effects on regulating and supporting ecosystem services - A

- systematic map, Canadian Journal of Forest Research, , , -
JORGE CASTRO GUTIERREZ
- 2018 Artículo: Can land degradation drive differences in the C exchange of two similar semiarid ecosystems?, Biogeosciences, 15, , 263-278
PENÉLOPE SERRANO SERRANO ORTIZ
- 2018 Artículo: Soil water content effects on net ecosystem CO₂ and actual evapotranspiration in a Mediterranean semiarid savanna of Central Chile, Scientific Reports, 8, 8570, -
PENÉLOPE SERRANO SERRANO ORTIZ
- 2017 Artículo: Acute and chronic effects of magnetic microparticles potentially used in lake restoration on *Daphnia magna* and *Chironomus* sp, Journal of Hazardous Materials, 322, , 437-444
ELOÍSA ANA RAMOS RODRÍGUEZ
INMACULADA DE VICENTE ALVAREZ MANZANEDA
MANUEL JESÚS LÓPEZ RODRÍGUEZ
MARÍA INMACULADA ÁLVAREZ-MANZANEDA
- 2017 Artículo: Synthesis and characterization of magnetic chitosan microspheres as low-density and low-biototoxicity adsorbents for lake restoration, Chemosphere, 571, , 571-579
INMACULADA DE VICENTE ALVAREZ MANZANEDA
- 2017 Artículo: Effect of habitat type and soil moisture on pupal stage of a Mediterranean forest pest (*Thaumetopoea pityocampa*). Agricultural and Forest Entomology., Agricultural and Forest Entomology, , , -
JOSE ANTONIO HODAR CORREA
LUCIA TORRES MUROS
- 2017 Artículo: A review of the combination among global change factors in forests, shrublands and pastures of the Mediterranean Region: beyond drought effects., Global And Planetary Change (Print), 148, , 42-54
JOSE ANTONIO HODAR CORREA
- 2017 Artículo: Water management reduces greenhouse gas emissions in a Mediterranean rice paddy field, Agriculture, Ecosystems and Environment, 238, , 168-178
ANA MEIJIDE ORIVE
- 2017 Artículo: Strategies for greenhouse gas emissions mitigation in Mediterranean agriculture: A review, Agriculture, Ecosystems & Environment, 238, , 5-24
ANA MEIJIDE ORIVE
- 2017 Artículo: Net ecosystem CO₂ exchange in an irrigated olive orchard of SE Spain: influence of weed cover, Agriculture, Ecosystems & Environment, 239, , 51-64
PENÉLOPE SERRANO SERRANO ORTIZ
- 2017 Artículo: Strict stoichiometric homeostasis of *Cryptomonas pyrenoidifera* (Cryptophyceae) in relation to N:P supply ratios, Journal of Limnology, 76, 1, 182-189
ELOÍSA ANA RAMOS RODRÍGUEZ
JOSE MARIA CONDE PORCUNA
MARIA CARMEN PEREZ MARTINEZ
- 2017 Artículo: Optode use to evaluate microbial planktonic respiration in oligotrophic ecosystems as an indicator of environmental stress, Aquatic sciences, , , -
GUILLERMO HERRERA GIMÉNEZ
JUAN MANUEL MEDINA SANCHEZ
MANUEL VILLAR ARGAIZ
PRESENTACION CARRILLO LECHUGA
- 2017 Artículo: Ecoenzyme activity ratios reveal interactive effects of nutrient inputs and UVR in a Mediterranean high-mountain lake, Biogeochemistry, 132, , 71-85
JUAN MANUEL MEDINA SANCHEZ
PRESENTACION CARRILLO LECHUGA
- 2017 Artículo: Differential impacts of global change variables on coastal South Atlantic phytoplankton: Role of seasonal variations, Marine environmental research, 125, , 63-72
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- 2017 Artículo: Differential impact of hotter drought on seedling performance of five ecologically distinct pine species., Plant Ecology, 218, 2, 201-212
JORGE CASTRO GUTIERREZ
- 2017 Artículo: Subterranean ventilation of allochthonous CO₂ governs net CO₂ exchange in a semiarid Mediterranean grassland, Agricultural and Forest Meteorology, 234, 235, 115-116
PENÉLOPE SERRANO SERRANO ORTIZ
- 2017 Artículo: Are antioxidant capacity and oxidative damage related to biological and autecological characteristics in aquatic insects?, Journal of Limnology, 76, 1, 170-181
MANUEL JESÚS LÓPEZ RODRÍGUEZ
- 2017 Artículo: Dynamics of the macroinvertebrate community and food web of a Mediterranean stream, Journal of Freshwater Ecology, 32, 1, 223-239

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- 2017 Artículo: Rising nutrient-pulse frequency and high UVR strengthen microbial interactions, *Scientific Reports*, 7, , 43615-

JUAN MANUEL MEDINA SANCHEZ

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- 2017 Artículo: Structure, dynamics and stability of a Mediterranean river food web, *Marine and Freshwater Research*, 68, , 484-495

MANUEL JESÚS LÓPEZ RODRÍGUEZ

- 2017 Artículo: A comparison between the antennal sensilla of the cavernicolous stonefly *Protonemura gevi* and other epigeal *Protonemura* species (Plecoptera: Nemouridae) in a biological context, *Annales de la Société Entomologique de France*, 53, 1, 47-54

MANUEL JESÚS LÓPEZ RODRÍGUEZ

- 2017 Artículo: Do the arthropod communities on a parasitic plant and its hosts differ?, *European Journal of Entomology*, , 114, 215-221

JOSE ANTONIO HODAR CORREA

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ANA MEIJIDE ORIVE

- 2017 Artículo: Oil Palm and Rubber Tree Water Use Patterns: Effects of Topography and Flooding, *Frontiers in Plant Science*, 8, , 452-

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- 2017 Artículo: Effective nut dispersal by magpies (*Pica pica* L.) in a Mediterranean agroecosystem, *Oecologia*, 184, , 183-192

JORGE CASTRO GUTIERREZ

- 2017 Artículo: Fall rate of burnt pines across an elevational gradient in a Mediterranean mountain, *European Journal of Forest Research*, , , -

CARLOS RUBEN MOLINAS GONZALEZ

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SARA MARAÑÓN JIMÉNEZ

- 2017 Artículo: An ecosystem services approach to the ecological effects of salvage logging: Valuation of seed dispersal, *Ecological Applications*, , , -

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- 2017 Artículo: *Prochlorococcus* as a possible source for Transparent Exopolymer Particles (TEP), *Frontiers in Microbiology*, 8, , 709-

ISABEL RECHE CAÑABATE

- 2017 Artículo: Barcoding rotifer biodiversity in Mediterranean ponds using diapausing egg banks, *Ecology and Evolution*, 00, , 1-13

EMILIO JOSÉ MORENO LINARES

JOSE MARIA CONDE PORCUNA

- 2017 Artículo: Linking watershed land uses and crustacean assemblages in Mediterranean wetlands, *Hydrobiologia: The International Journal of Aquatic Sciences*, 799, , 181-191

INMACULADA DE VICENTE ALVAREZ MANZANEDA

- 2017 Artículo: Nymphal biology of *Capnionera gelesae* Berthélemy & Baena, 1984 (Plecoptera, Capniidae) in temporary streams of the Sierra Morena (southern Spain), *Limnetica*, 36, 1, 45-53

MANUEL JESÚS LÓPEZ RODRÍGUEZ

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RAFAEL RUBIO DE CASAS

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MARIA CARMEN PEREZ MARTINEZ

- 2017 Artículo: Expansion of oil palm and other cash crops causes an increase of land surface temperature in Indonesia, *Biogeosciences Discussions*, , , -

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- 2017 Artículo: Network theory may explain the vulnerability of medieval human settlements to the Black Death pandemic, *Scientific Reports*, 7, , -
JOSE MARIA GOMEZ REYES
- 2017 Artículo en prensa: Drivers of genetic differentiation in a generalist insect-pollinated herb across spatial scales, *Molecular Ecology*, , , -
JOSE MARIA GOMEZ REYES
- 2017 Artículo: A general framework for effectiveness concepts in mutualisms, *Ecology Letters*, 20, 5, 577-590
JOSE MARIA GOMEZ REYES
- 2017 Artículo: Resilience to drought in a dry forest: Insights from demographic rates., *Forest Ecology And Management*, , 389, 167-175
ASIER HERRERO MÉNDEZ
- 2017 Artículo: Contrasting effect of Saharan Dust and UVR on autotrophic picoplankton in Nearshore vs. Offshore waters of Mediterranean Sea, *Journal of Geophysical Research: Biogeosciences*, , , -
JUAN MANUEL GONZÁLEZ OLALLA
JUAN MANUEL MEDINA SANCHEZ
MANUEL VILLAR ARGAIZ
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- 2017 Artículo: Vulnerability of mixotrophic algae to nutrient pulses and UVR in an oligotrophic Southern and Northern Hemisphere lake [Vulnerabilidad de las algas mixotróficas a los pulsos de nutrientes y a la radiación UV en un lago oligotrófico de los Hemisferios Nort, *Scientific Reports*, 7, 6333, 1-11
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SARA MARAÑÓN JIMÉNEZ
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- 2017 Artículo: Direct and cascading impacts of tropical land-use change on multi-trophic biodiversity, *Nature Ecology & Evolution*, 1, , 1511-1519
ANA MEIJIDE ORIVE
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ELIZABETH LEÓN PALMERO
GEMA BATANERO FRANCO
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- 2017 Artículo: Zooplankton body size versus taxonomy in Mediterranean wetlands: implication for aquatic ecosystem evaluation, *Freshwater Science*, 36, , 774-783
INMACULADA DE VICENTE ALVAREZ MANZANEDA
- 2017 Artículo: Life cycles and nymphal feeding of *Isoperla morenica* Tierno de Figueroa and Luzón-Ortega, 2011 and *Brachyptera vera cordubensis* Berthélemy and Baena, 1984 (Plecoptera: Perlodidae and Taeniopterygidae) in a Mediterranean stream (Spain), *Aquatic insects*, 38, 4, 219-229
MANUEL JESÚS LÓPEZ RODRÍGUEZ
- 2017 Artículo: Close and distant: contrasting the metabolomes of two subspecies of Scots pine under the effects of summer drought and folivory., *Ecology and Evolution*, 7, 21, 8976-8988
JOSE ANTONIO HODAR CORREA
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JORGE CASTRO GUTIERREZ
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JORGE CASTRO GUTIERREZ

Libros (con ISBN)

- 2017 MANUAL DE PRÁCTICAS DE ECOLOGÍA DE SISTEMAS. GRADO EN BIOLOGÍA: GODEL IMPRESIONES DIGITALES S.L., , , , , , , , . FACULTAD DE CIENCIAS UNIVERSIDAD DE GRANADA, 2017, 978-84-16929-61-0

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PENÉLOPE SERRANO SERRANO ORTIZ
ELOÍSA ANA RAMOS RODRÍGUEZ
MARIA CARMEN PEREZ MARTINEZ
RAFAEL MORALES BAQUERO
MANUEL JESÚS LÓPEZ RODRÍGUEZ
JOSE ANTONIO HODAR CORREA
JORGE CASTRO GUTIERREZ
PRESENTACION CARRILLO LECHUGA

Capítulos de libros (con ISBN)

- 2018 Titulo Capítulo: El Departamento de Ecología, Titulo Libro: 50 años de Biología en la Universidad de Granada: Universidad de Granada, Granada, 2018, 978-84-338-6217-4
LUIS JOSE CRUZ PIZARRO
JOSE MARIA CONDE PORCUNA
- 2018 Titulo Capítulo: El Departamento de Ecología, Titulo Libro: 50 años de Biología en la Universidad de Granada: Universidad de Granada, Granada, 2018, 978-84-338-6217-4
LUIS JOSE CRUZ PIZARRO

Contribuciones en congresos

- 2017 Poster en Congreso: Global warming evidence from a long chain diol record of an alpine lake in southern Iberia, 5th Past Global Changes meeting: PAGES Open Science Meeting (OSM)., 09/05/2017, Zaragoza (España), Congreso
LAURA JIMÉNEZ LIÉBANAS
MARIA CARMEN PEREZ MARTINEZ
- 2017 Comunicación en congreso: The evolution of seed dispersal is associated with environmental heterogeneity in Pinus, XIV MEDECOS & XIII AEET Meeting: Human driven scenarios for evolutionary and ecological changes, 31/01/2017, Sevilla, Congreso
DIEGO SALAZAR TORTOSA
JORGE CASTRO GUTIERREZ
RAFAEL RUBIO DE CASAS
- 2017 Ponencia en Congreso: Ecological mechanisms underlying hybridization and its constrains in genus Erysimum, XIV MEDECOS & XIII AEET, 31/01/2017, Sevilla, Congreso
JOSE MARIA GOMEZ REYES
- 2017 Comunicación en congreso: Incorporating ecosystem services into post-disturbance management: Economic valuation of seed dispersal, II International Conference on Forests, 26/04/2017, Neuschönau, Alemania, Congreso
JORGE CASTRO GUTIERREZ
- 2017 Comunicación en congreso: How did I arrive here? Dispersal of holm oak (Quercus ilex) acorns by magpie (Pica pica) in a forest and farmland mosaic, XIV MEDECOS & XIII AEET meeting, 31/01/2017, Sevilla, España, Congreso
JORGE CASTRO GUTIERREZ
- 2017 Comunicación en congreso: Shifting life-stage conflicts in a post-disturbance Mediterranean landscape, XIV MEDECOS & XIII AEET meeting, 31/01/2017, Sevilla, España, Congreso
JORGE CASTRO GUTIERREZ
- 2017 Comunicación en congreso: Post-fire burnt Wood decomposition in Mediterranean pine afforestations: a 10-year study, XIV MEDECOS & XIII AEET, 31/01/2017, Sevilla, Congreso
JORGE CASTRO GUTIERREZ
CARLOS RUBEN MOLINAS GONZALEZ
- 2017 Ponencia en Congreso: Using ponds to predict shifts from chlorophycean to cyanobacterial dominance in semi-arid climates, 7th European Pond Conservation Network, 01/05/2017, University of Algarve, Faro, Portugal, Congreso
MARIA CARMEN PEREZ MARTINEZ
- 2017 Conferencia en Seminario no publicada: Sahara dust footprints in remote lakes, Berkeley Atmospheric Sciences Center, 15/02/2017, BERKELEY, CA, USA, Seminario
ISABEL RECHE CAÑABATE
- 2017 Conferencia en Seminario no publicada: Carbon sequestration in the dark ocean: production of chromophoric dissolved organic carbon and accumulation of transparent exopolymer particles, Spring
- 2017 Ocean Sciences Seminar, 12/05/2017, University of California, Santa Cruz, Seminario
ISABEL RECHE CAÑABATE
- 2017 Conferencia en Seminario no publicada: Contribution of chromophoric dissolved organic carbon and exopolymer particles to C sequestration in the deep ocean, Earth Research Institute Series, 02/02/2017, Santa Barbara, CA, USA, Seminario

ISABEL RECHE CAÑABATE

- 2017 Conferencia en Seminario no publicada: Flamingos as Vectors of Microbial Dispersal and Nutrients in Saline Wetlands, Environmental Science, Policy, and Management- 2017 Seminar Series, 23/03/2017, Berkeley, CA, USA, Seminario

ISABEL RECHE CAÑABATE

- 2017 Poster en Congreso: Pos-fire burt wood decomposition in Mediterranean pine afforestations: a 10 years stdy, XVI MEDECOS & AEET meeting, 31/01/2017, Sevilla, Congreso

JORGE CASTRO GUTIERREZ

CARLOS RUBEN MOLINAS GONZALEZ

- 2017 Poster en Congreso: Microbial biomanipulation based on labile carbon enrichment as a low-cost tool for eutrophication control in Mediterranean inland waters, International Meeting on New Strategies in Bioremediation Processes, 09/03/2017, Granada. Spain, Congreso

ISMAEL LÓPEZ LOZANO

JUAN MANUEL MEDINA SANCHEZ

PRESENTACION CARRILLO LECHUGA

- 2017 Ponencia en Congreso: Testing the viability of novel magnetic and non magnetic phosphorus adsorbents, Bioremid 2017: International Meeting on New Strategies in Bioremediation Processes., 09/03/2017, UNIVERSIDAD DE GRANADA. GRANADA, Congreso

MARÍA INMACULADA ÁLVAREZ-MANZANEDA

INMACULADA DE VICENTE ALVAREZ MANZANEDA

- 2017 Poster en Congreso: Quorum sensing inhibition mechanisms in sea anemones and holothurians microbiota, FEMS- 2017 7TH CONGRESS OF EUROPEAN MICROBIOLOGIST, 09/07/2017, VALENCIA, ESPAÑA, Congreso

ISABEL RECHE CAÑABATE

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PRESENTACION CARRILLO LECHUGA

ISMAEL LÓPEZ LOZANO

- 2017 Ponencia en Congreso: Pollinator effectiveness of a generalist plant's pollinator assembly, XIV Reunión del Grupo de Trabajo de Ecología y Evolución Floral (ECOFLO), 29/01/2017, Sevilla, Congreso

JOSE MARIA GOMEZ REYES

- 2017 Ponencia en Congreso: Using targeted NGS to detect recent hybridiza on in plants, XIV MEDECOS & XIII AEET meeting, 31/01/2017, Sevilla, España, Congreso

JOSE MARIA GOMEZ REYES

RAFAEL RUBIO DE CASAS

- 2017 Comunicación en Jornada: Embalses y Gases de Efecto Invernadero, II Jornadas de Investigadores en Formación: fomentando la interdisciplinariedad (JIFFI), 17/05/2017, Granada, Jornada

ELIZABETH LEÓN PALMERO

ISABEL RECHE CAÑABATE

- 2017 Poster en Congreso: Role of magpie (*Pica pica*) as a mobile link species for tree regeneration in Mediterranean agroecosystems, XIV MEDECOS & XIII AEET meeting - Human driven scenarios for evolutionary and ecological changes, 31/01/2017, Sevilla, Spain, Congreso

JOSE MARIA GOMEZ REYES

JORGE CASTRO GUTIERREZ