

Date of the CVA

17/01/2021

## Section A. PERSONAL DATA

Name and Surname	Ángel Mateo Ramírez		
DNI	74849399Q	Age	39
Researcher's identification number	Researcher ID		
	Scopus Author ID		
	ORCID	0000-0002-3825-3279	

\* Obligatorio

### A.1. Current professional situation

Institution	Instituto Español de Oceanografía		
Dpt. / Centre	Grupo GEMAR / Centro Oceanográfico de Málaga		
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Professional category	Titulado Medio de actividades técnicas y profesionales	Start date	2019
Keywords	Marine biodiversity; Ecology		

### A.2. Academic education (Degrees, institutions, dates)

Bachelor/Master/PhD	University	Year
Programa Oficial de Doctorado en Ciencias del Mar	Universidad de Málaga	2016
Licenciado en Biología	Universidad de Málaga	2006

### A.3. General quality indicators of scientific production

I have participated in **14 oceanographic campaigns** both in sampling and the drafting of the corresponding technical reports. I have obtained **2 project-related grants**, **1 competitive scholarship** and **1 competitive Posdoctoral fellowship**. I have co-authored a total of **40 scientific publications**, among of them **16 are SCI publications**, being **first or second author in 50%** of them, **3 articles** in national journals, **1 divulgation article**, **5 monographs and book chapters (being coordinator in one of them)** as well as **10 scientific-technical reports**. The total number of publications in the **first quartile (Q1) is 10** out of the 16 SCI publications and 6 in Q2 and Q3. These scientific publications have been cited **189 times**, with an **H-index of 7** (Google Scholar). I have also participated in **10 European national and international projects**. I have supervised **5 Ms** and **3 Gs**. I have collaborated in **27 congress and workshop communications**.

## Section B. SUMMARY OF THE CURRICULUM

I began my research carrier in the Department of Animal Biology of the University of Malaga (UMA) as collaborator student in 2006, few months before to obtain my B.S in Biology at UMA. In 2009 I defended my senior thesis "DEA" about decapods. In 2016, I obtained my European Ph. D in Marine Sciences at UMA after the defense of my doctoral thesis obtaining summa cum laude. I was awarded with the extraordinary award from doctorate program of Biological Diversity and Environment of the UMA for my thesis. During that time I did 2 stays, one of them thanks to a competitive scholarship that I obtained (AUIP), and with which I could be in the prestigious Marine and Environmental Science Centre in Coimbra (Portugal). Thanks to this and the stay in the IEO, I established an important networking, collaborating with them in 5 oceanographic campaigns, 10 papers, 2 book chapters and 17 congress communications. In addition, during my predoctoral period I obtained I contract with the Balearic Oceanographic Centre (IEO) to study the spiny lobster populations of Balearic Islands, results of which I collaborated in 5 campaigns, 1 paper and 2 scientific reports. In December 2017, I was postdoctoral researcher in the Mediterranean Institute for Advanced Studies

(IMEDEA), (Research group Renewable marine resources and the environment) with a two-year competitive post-doctoral grant from the Government of the Balearic Islands. During my postdoc orientation period (POP), I have led the research line of the effects of genetic variability on seagrass meadows (*Cymodocea nodosa*) resilience at level of the associated invertebrates fauna. In my POP I lead different groups of graduate, master and internship students, which resulted in 3 DSc and 4 MSc as supervisor. I got my first research project as IP from the program of special research and development actions of the Balearic Islands Government co-funded by FEDER funds (22.644 €). In addition I collaborated in other 5 projects (3 co-funded by Balearic Islands Government and FEDER, 1 Plan Nacional and 1 Parques Nacionales) with my supervisor Dr. Fiona Tomas and other collages from UPGC (Fernando Tuya), UIB (Dr. Yolanda González Cid) and international centers as Stazione Zoologica Anton Dohrn (Italy) (Dr. Maria Cristina Gambi and Dr. Gabriele Procaccini). During my POP, I have increased notably my national and international network of collaborators. Nowadays I am involucrate in the biggest project of marine conservation of Europe, Life IP INTEMARES, working with the research group GEMAR (IEO) and study the habitats and fauna of the SCIs "Volcanes de Fango del Golfo Cádiz". Fruit of these POPs I collaborated in 10 papers, 3 books chapters and 10 congress communications. I was part of the organizing committee of the II International Congress of Young Marine Researchers and referee of SCI journals.

## Section C. MOST RELEVANT MERITS (ordered by typology)

### C.1. Publications

AC: Autor de correspondencia; (nº x / nº y): posición firma solicitante / total autores

- 1 Scientific paper.** Emilio González-García; Ángel Mateo-Ramírez; Javier Urra; et al;. (2/9). 2020. Bottom trawling activity, main fishery resources and associated benthic and demersal fauna in a mud volcano field of the Gulf of Cádiz (southwestern Iberian Peninsula) Regional Studies in Marine Science. ELSEVIER. 33. ISSN 2352-4855.
- 2 Scientific paper.** (AC); Javier Urra; Jose Luis Rueda; Pablo Marina; Jose Enrique García Raso. (1/5). 2018. Decapod assemblages associated with shallow macroalgal communities in the northwestern Alboran Sea: Microhabitat use and temporal variability Journal of Sea Research. 135, pp.84-94.
- 3 Scientific paper.** Javier Urra; Serge Gofas; Jose Luis Rueda; Pablo Marina; Ángel Mateo Ramírez; Mouna Antit; Carmen Salas. (5/7). 2016. Biodiversity and biogeographical patterns of molluscan assemblages in vegetated and unvegetated habitats in the northern Alboran Sea (W Mediterranean Sea) Marine Biodiversity.
- 4 Scientific paper.** (AC); Javier Urra; Pablo Marina; José Luis Rueda; José Enrique García Raso. (1/5). 2016. Crustacean decapod assemblages associated with fragmented *Posidonia oceanica* meadows in the Alboran Sea (Western Mediterranean Sea): composition, temporal dynamics and influence of meadow structure Marine Ecology an Evolutionary Perspective. 37, pp.344-358. ISSN 1439-0485.
- 5 Scientific paper.** Javier Urra; Ángel Mateo Ramírez; Pablo Marina; Carmen Salas; Serge Gofas; José Luis Rueda. (2/6). 2013. Highly diverse molluscan assemblages of *Posidonia oceanica* meadows in northwestern Alboran Sea (W Mediterranean): Seasonal dynamics and environmental drivers Estuarine Coastal and Shelf Science. 117, pp.136-147.
- 6 Scientific paper.** Javier Urra; Jose Luis Rueda; Ángel Mateo Ramírez; Pablo Marina; Cristina Tirado; Carmen Salas; Serge Gofas. (3/7). 2013. Seasonal variation of molluscan assemblages in different strata of photophilous algae meadows in the Alboran Sea (western Mediterranean) Journal of Sea Research. 83, pp.83-93.
- 7 Scientific paper.** (AC); Jose Enrique García Raso. (1/2). 2012. Temporal changes in the structure of the crustacean decapod assemblages associated with *Cymodocea nodosa* meadows from the Alboran Sea (Western Mediterranean Sea) Marine Ecology an Evolutionary Perspective. Wiley Online Library. 33-3, pp.302-316. ISSN 1439-0485.

- 8 **Scientific paper.** Javier Urra; Desirée Palomino; Pablo Lozano; et al; ;. (6/14). 2020. Deep-sea habitat characterization using acoustic data and underwater imagery in Gazul mud volcano (Gulf of Cádiz, NE Atlantic) Deep Sea Research Part I Oceanographic Research Papers.
- 9 **Scientific paper.** Julia Máñez-Crespo; Fernando Tuya; Laura Royo; et al; ;. (13/19). 2020. Seagrass *Cymodocea nodosa* across biogeographical regions and times: Differences in abundance, meadow structure and sexual reproduction Marine Environmental Research. 162-December 2020, 1051.
- 10 **Scientific paper.** Olga Utrilla; Serge Gofas; Javier Urra; et al; ;. (5/9). 2020. Molluscs from benthic habitats of the Gazul mud volcano (Gulf of Cádiz) Scientia Marina. Vol. 84-3.
- 11 **Scientific paper.** (2/16). 2020. Composition, structure and distribution of epibenthic communities within a mud volcano field of the northern Gulf of Cádiz in relation to environmental variables and trawling activity\_In review Journal of Sea Research. ELSEVIER.
- 12 **Scientific paper.** Olga Utrilla; Serge Gofas; Javier Urra; et al; ;. (5/9). 2020. Molluscs from vulnerable and sedimentary habitats of Gazul mud volcano (Gulf of Cádiz)\_In review Scientia Marina. ISSN 0214-8358.
- 13 **Scientific paper.** Laís V. Ramalho; Carlos M. López-Fé; Ángel Mateo-Ramírez; José L. Rueda. (3/4). 2020. Bryozoa from deep-sea habitats of the northern Gulf of Cádiz (Northeastern Atlantic) Zootaxa.
- 14 **Scientific paper.** Pablo Lozano; Luis M. Fernández-Salas; Francisco J. Hernández-Molina; et al; ;. (12/13). 2020. Fluid venting in a contourite channeled drift: multiprocesses interaction shaping geofoms and controlling substrate types and benthic communities distribution in the Gulf of Cádiz Marine Geology.
- 15 **Scientific paper.** José Enrique García Raso; José Enrique García Muñoz; Ángel Mateo Ramírez; Jose Luis Rueda; Luis Miguel Fernández Sala; Víctor Díaz del Río. (3/6). 2018. Decapod crustaceans Eucalliacidae in chemoautotrophic bathyal bottoms of the Gulf of Cadiz (Atlantic Ocean), environmental characteristic and associated communities Journal of the Marine Biological Association of the United Kingdom. ISSN 0025-3154.
- 16 **Scientific paper.** Sandra Mallol; Ángel Mateo Ramírez; Francisco Alemany; Diego Álvarez-Berastegui; David Díaz; José Luis López-Jurado; Raquel Goñi. (2/7). 2014. Abundance and distribution of scyllarid phyllosoma larvae (Decapoda: Scyllaridae) in the Balearic Sea (Western Mediterranean) Journal of Crustacean Biology. 34-4, pp.442-452.
- 17 **Scientific paper.** Urra, J.; Mateo, A.; Marina, P.; Rueda, J.L.; Raso, J.E.G.(2/5). 2011. First records of *Posidonia oceanica* flowering at its westernmost distributional limit (Malaga, Alboran Sea) Botanica Marina. WALTER DE GRUYTER GMBH. 54-1, pp.101-104. ISSN 0006-8055.
- 18 **Popular science article.** Jose Luis Rueda; Javier Urra; Pablo Marina; Ángel Mateo Ramírez; Jose Antonio Reina Hervás. 2010. Especies africanas en las costas Andaluzas: Un patrimonio natural único en el ámbito europeo Quercus. 2-3, pp.25-30.
- 19 **Book chapter.** Jose L. Rueda; Serge Gofas; Ricardo Aguilar; et al; ;. (9/16). 2021. Benthic fauna of littoral and deep-sea habitats of the Alboran Sea: A hotspot of biodiversity Alboran Sea, Ecosystems and Marine Resources (Editors J.C. Báez; J.T. Vázquez; J.A. Camiñas; M. Malouli).Springer Nature Series, Springer.
- 20 **Book chapter.** (AC); Pablo Marina; Jose C. Báez; Patricia Bárcenas; Jorge Baro; Juan A. Camiñas; et al.(1/26). 2021. Marine Protected Areas and Key Biodiversity Areas of the Alboran Sea and adjacent areas Alboran Sea, Ecosystems and Marine Resources (Editors: J.C. Báez; J.T. Vázquez; J.A. Camiñas; M. Malouli). Springer Nature Series, Springer.
- 21 **Book chapter.** Jose Luis Rueda; Javier Urra; Ángel Mateo Ramírez. (3/3). 2015. Las praderas marinas de España: una visión general. La biodiversidad de las praderas españolas: Atlántico sur peninsular y mar de Alborán Atlas de las praderas marinas de España. pp.91-99.
- 22 **Scientific book or monograph.** Jose Luis Rueda; Javier Urra; Ricardo Aguilar; et al; . (13/20). 2019. Cold-water coral associated fauna in the Mediterranean Sea and adjacent waters Mediterranean Cold-Water Corals: Past, Present and Future / Part of the Coral Reefs of the World book series (CORW, volume 9). SPRINGER. 9.



- 23 Popular science book.** Jose Enrique García Raso; Ángel Mateo Ramírez. (2/2). 2015. Orden Decapoda IDE@-SEA. 80, pp.1-17. ISSN 2386-7183.
- 24 Scientific-technical report.** Covadonga Orejas; Anna Addamo; Marta Alvarez; et al; ;. (24/50). 2017. Cruise Summary Report - MEDWAVES survey. (MEDiterranean out flow Water and Vulnerable EcosystemS), 21st September 26th October 2016 Instituto Español de Oceanografía.

## C.2. Participation in R&D and Innovation projects

- 1 Life IP Intemares\_Ref. LIFE15 IPE/ES/000012 (Instituto Español de Oceanografía). 2019-2024. 49.800.000 €.
- 2 Desarrollo de nuevas Tecnologías para la evaluación automática y periódica de los cambios en las praderas de Posidonia por causas antrópicas (DeTecPos)\_Ref. PRD201834 Govern Illes Balears. Yolanda González Cid. 2020-2023. 113.785 €.
- 3 678760-2, A trans-Atlantic assessment and deep-water ecosystem-based spatial management plan for Europe (ATLAS)\_Ref. No 678760 Comisión Europea. H2020. J. Murray Roberts. 01/05/2016-31/03/2020. 9.100.316,88 €.
- 4 Functional variability and dynamics of responses of marine forests to global change MARFOR, WP1\_Ref. ANR-16-EBI3-0005-01 Ministerio de Economía, Industria y Competitividad. Biodiversa 3. (Universidad de Málaga). 01/01/2017-30/12/2019. 100.002 €. Contratado.
- 5 Comprensión holística del funcionamiento y resiliencia de una fanerógama marina a perturbaciones locales: de escalas moleculares a escalas biogeográficas (RESIGRASS)\_Ref. CGL2014-58829-C2-2-R Programa Estatal de I+D+i Orientada a los Retos de la Sociedad, Plan Estatal de Investigación Científica y Técnica y de Innovación 2013-2016. Fernando Tuya. (Institut Mediterrani d'Estudis Avançats). 01/2015-12/2019. 153.670 €.
- 6 Adquisición de un medidor de oxígeno de fibra óptica multicanal FireStingO2\_Ref.AAEE132/2017 Govern de les Illes Balears; Unión Europea. Concepción Iñiguez Moreo. (Universidad de las Islas Baleares). 2018-2019. 4.170 €.
- 7 Praderas de *Cymodocea nodosa* del PN Archipiélago de Cabrera: el papel de la diversidad genética en el funcionamiento del ecosistema y sus implicaciones para la conservación (DIVCYMOGEN)\_Ref. OAPN,1623/2015 Ministerio de Agricultura, Alimentación y Medio Ambiente. Ayudas a la Investigación. Convocatoria 2015. Subvenciones para la realización de proyectos de investigación científica en la Red de Parques Nacionales. (Institut Mediterrani d'Estudis Avançats). 01/01/2016-31/12/2018. 69.524,04 €.
- 8 Invasión del alga tropical *Halimeda incrassata* en Baleares: ecología y dinámica de invasión\_Ref.AAEE119/2017 Govern Illes Balears; Unión Europea. Fiona Tomas Nash. (Institut Mediterrani d'Estudis Avançats). 07/2018-05/2018. 22.850,6 €.
- 9 Efectos del cangrejo parásito, *Afropinnotheres monodi* Manning, 1993, sobre las especies de bivalvos de interés comercial de la Península Ibérica (AFROBIV)\_Ref. CGL2014-53557 Ministerio de Economía y Hacienda. Pilar Drake Moyano. (Instituto de Ciencias del Mar de Andalucía (CSIC)). 01/01/2015-31/12/2017. 96.800 €.
- 10 "Estudio integral de la langosta roja *Palinurus elephas* en las Islas Baleares para el diseño de un sistema de gestión pesquera sostenible" Project LANBAL Instituto Español de Oceanografía; Direcció General de Medi Rural i Marí del Govern de les Illes Balears. Raquel Goñi. (Centro Oceanográfico de Baleares). 08/07/2011-24/01/2013. 700.000 €.
- 11 Life+ INDEMARES: Inventario y Designación de la red Natura 2000 en Áreas Marinas del Estado Español: CHIMENEAS DE CÁDIZ (INDEMARES\_LIFE 07/NAT/E/000732) Comisión Europea; Fundación Biodiversidad. Víctor Díaz del Río. (Centro Oceanográfico de Málaga). 2009-2013. 1.100.000 €.
- 12 "Realización de campañas oceanográficas para la caracterización de las biocenosis de los hábitats esenciales o vulnerables de la plataforma submarina de la isla de Alborán en el marco del proyecto LIFE+ Indemares (LIFE07 NAT/E/000732) "Inventario y designación de la Red Natura 2000 en áreas marinas del Estado español" Comisión Europea; Fundación Biodiversidad. Carmen Salas. (Universidad de Málaga). 01/07/2011-31/12/2012. 105.000 €.

- 13 Adquisición de un fluorímetro Dual-PAM-100, P700 & Chlorophyll Fluorescence Measuring System\_Ref. AAEE118/2017 Consejería de Agricultura y Pesca; Unión Europea. Ángel Mateo-Ramírez. (Instituto Mediterráneo d Estudios Avanzados). From 07/2018. 22.644 €.

### C.3. Participation in R&D and Innovation contracts

- 1 Realización de un estudio sobre la pradera de Zostera marina, estado de desarrollo y macrofauna asociada, vinculado al proyecto de ampliación del Puerto de Caleta de Vélez (Málaga). Ref. 8.07/5.46.306 Agencia Pública de Puertos de Andalucía. Carmen Salas. 05/09/2008-04/01/2009. 32.758,4 €.
- 2 Realización de un Estudio ecológico y biológico de las poblaciones de medusas y ctenóforos de las costas andaluzas, dentro de un proyecto a desarrollar en el marco de las convocatorias de la Corporación Tecnológica de Andalucía.Ref. 8.06/5.46.2875 (CTAN Bionaturis, Bioorganic Research And Services S.L. Carmen Salas. 01/06/2007-01/09/2007. 20.764 €.

### C.4. Patents