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Academic Background

- 2014 PhD in Marine Sciences. Climate Change & Invasion Ecology at the University of Vigo, Spain.
- 2010 Master's degree in Marine Biology by the University of Vigo: "Biology of organisms and ecosystems". Final master: "Preference of habitat by marine invertebrates", within the research area: "Marine Benthic Fauna", under supervision of Dr. Celia Olabarria Uzquiano and Dr. Jesus Souza Troncoso. Department of Ecology and Animal Biology, Faculty of Marine Sciences University of Vigo.
- 2008 "Degree in Marine Biology". Faculty of Biology. University of Santiago de Compostela. South Campus. Santiago de Compostela.

Additional Training

- 2017 Course "Laboratory Animal Sciences Course - Aquatic Organisms" (40 hours). Marine Biology Station of Funchal, Madeira Island, Portugal.
- 2014 Course "Introductory statistics and programming with R for biological sciences – Module I: Fundamental statistical techniques" (20 hours). Interdisciplinary Centre of Marine and Environmental Research (CIIMAR). Porto, Portugal.
- 2011 Course "Basic biostatistics with R" (16 hours). University of Santiago de Compostela. Santiago de Compostela, Spain.
- 2011 Workshop on "Mapping Seabed Habitats: GIS Data Management" (40 hours). Universidade de Aveiro. Aveiro, Portugal.
- 2010 Course "Introduction to the analysis of biological data" (40 hours). Organized by the Spanish Society of Phycology. Universidad Rey Juan Carlos. Madrid. Content: Descriptive statistics, graphic design, correlation and regression, ANOVA, multivariate ANOVA-MANOVA, assumptions of analysis of variance, introduction to the
- Randomization Test and nonparametric approaches, introduction to GLMS-Linear Models Generalized hierarchical designs for field monitoring, analysis of multivariate ordination.
- 2009 Course "Data processing Microsoft Excel" (20 hours). University of Vigo. Campus Lagoas - Marcosende. Vigo.
- 2008 Course "Introduction to Underwater Photography" (20 hours). Delivered by underwater photographer Jose Luis Gonzalez. University of Vigo. Campus Lagoas - Marcosende. Vigo.
- 2007 "Basic Sailing Master" Directorate General of Merchant Marine. Madrid.
- 2006 Course "Rescue Diver. PADI" Cies Islands Dive Center. Vigo.
- 2005 (08/01/2005 to 09/15/2005) Professional diver. Professional Diving School of Galicia. IGaFA (Galician Institute for Aquaculture Training). Illa de Arousa. Pontevedra.
- 2005 Course "Advanced Open Water Diver" SSI Scuba Schools International.
- 2005 "First Aid Course for Professional Divers Level I and II." IGaFA (Galician Institute for Aquaculture Training). Illa de Arousa.
- 2004 Course "Maintenance and Management of Sharks" (20 hours). ZooAquarium of Madrid.
- 2004 Course "Professional Aquarist - Level II (40 hours) Technical design and Technology" Organized by the Department of Fisheries and Maritime Affairs. Galician Institute for Aquaculture Training. Illa de Arousa.
- 2004 "Aquaculture Technician" by the IGaFA(Galician Institute for Aquaculture Training). Illa de Arousa.
- 2003 "Assistance to the VI Forum of Marine Resources Aquaculture in the Galician Rias" Organized by the U.S.C. Illa da Toxa Hotel Balneario (Pontevedra).
- 2003 Course "Professional Aquarist - Level I (65 hours) Business and Industrial Applications." Organized by the Department of Fisheries and Maritime Affairs. Galician Institute for Aquaculture Training. Illa de Arousa.
- 2002 "Competence course and title of Sailor" (60 hours). Organized by the Department of Fisheries and Maritime Affairs. Galician Institute for Aquaculture Training. Illa de Arousa.
- 2000 Course "Introduction to the Study of Elasmobranch Fishes" (30 hours) Faculty of Sciences. Organized by the Department of Animal Anatomy, University of Vigo.
- 2000 Course "FEDAS Diving: 1stStar" (40 hours). Puerto Almirante diving school. Cabo de Palos (Murcia).

Computers

- Office package (Excel, Word, Powerpoint, etc. UVigo courses).
- Statistics (SPSS, STATISTICA, PRIMER, PERMANOVA, GMAV, R).
- Graphic Design (CorelDraw, SigmaPlot).
- Databases (Reference Manager, Mendeley Desktop).

Languages

English: intermediate level spoken and written.

- 2013 English Course: "LEVEL B1" (40 hours) Language Centre, University of Vigo.
- 2009 English Course "LEVEL A2" (45 hours). Linguatime English school. Sliema (Malta).
- 2005 English Course: "LEVEL A" (45 hours) Language Centre, University of Vigo.

French: basic spoken and written.

- 2008 "LEVEL A1.1 French Course" (45 hours). Institut Linguistique du Peyrou. Montpellier (France).

Participation in R&D&I projects funded in competitive calls by public or private bodies

- Name of the project: Development of a new methodology for the study of bioinvasions on coastal communities: experimental test across insular and continental systems. Head(s) researcher(s): Dr. Ignacio Gestoso García. Funding institution or bodies: MARE Programe 2017 Start-End date: 2017 – 2018 Total budget: 5000€
- Name of the project: Bases para la planificación sostenible de áreas marinas de la Macaronesia – PLASMAR. Head(s) researcher(s): Dr. João Canning-Clode & Dr. Ignacio Gestoso García. Funding institution or bodies: Fondo Europeo de Desarrollo Regional-FEDER. Start-End date: 2017 – 2019. Total budget: 1.216.885,32 € (budget polo: 133.277,34 €)
- Name of the project: Seguimiento, control y mitigación de proliferaciones de organismos marinos asociadas a perturbaciones humanas y cambio climático en la Región Macaronésica – MIMAR. Head(s) researcher(s): Dr. João Canning-Clode & Dr. Ignacio Gestoso García. Funding institution or bodies: Fondo Europeo de Desarrollo Regional-FEDER. Start-End date: 2017 – 2019. Total budget: 2.218.308,03 € (budget polo: 143.170,15 €)
- Name of the project: Linking climate change and species invasion: effects on intertidal habitats. Institution: University of Vigo. Head(s) researcher(s): Dr. Celia Olabarria Uzquiano Funding institution or bodies: Spanish Government through the Ministry of Science and Innovation-FEDER. Start-End date: 2010 – 2013
- Name of the project: Getting liquid extracts of algae as a value added product for agriculture and cosmetics from Galician coastal resources. Institution: University of Vigo. Head(s) researcher(s): Dr. Celia Olabarria Uzquiano. Funding institution or bodies: Regional government Xunta de Galicia. Start-End date: 2010 – 2012
- Name of the project: Factors affecting the distribution of *Sargassum muticum* in Galicia. Institution: University of Vigo. Head(s) researcher(s): Dr. Jesús López Pérez. Funding institution or bodies: Regional government Xunta de Galicia. Start-End date: 2007 – 2010.
- Name of the project: Efectos del roturado sobre las características biosedimentarias y la producción marisquera. Institution: University of Vigo. City: Vigo, Galicia, Spain. Head(s) researcher(s): Dr. Mariano Lastra Valdor. Funding institution or bodies: Autonomic government Xunta de Galicia. Start-End date: 2004 - 2006

Communications conference

- **Gestoso, I.**, Ramalhosa, P., Oliveira, P., Canning-Clode, J. 2016. Impact of rafting marine debris and non-indigenous species in the marine protected areas of the Madeira archipelago (NE Atlantic). BES Aquatic Macroecology Meeting, 30 September 2016, Charles Darwin House, London, England.
- **Gestoso, I.**, Ramalhosa, P., Ferreira, L., Canning-Clode, J. 2016. Interactive effects of predation and facilitation during the settlement process of non-indigenous species (*oral communication*). Front. Mar. Sci. Conference Abstract: XIX Iberian Symposium on Marine Biology Studies, Porto, Portugal. doi: 10.3389/conf.FMARS.2016.05.00054
- **Gestoso, I.**, Ramalhosa, P., Oliveira, P., Canning-Clode, J. 2016. Marine protected areas as biotic resistance hot-spots against non-indigenous species invasions (*oral communication*). Conference program and abstracts of the 2nd International Conference on Island Evolution, Ecology and Conservation: Island Biology 2016, 18-22 July 2016, Angra do Heroísmo, Azores, Portugal. Arquipelago. Life and Marine Sciences. Supplement 9: page 124.
- **Gestoso, I.**, Ramalhosa, P., Oliveira, P., Canning-Clode, J. 2016. Impact of rafting marine debris and non-indigenous species in the marine protected areas of the Madeira archipelago (NE Atlantic). 9th International Conference on Marine Bioinvasions (ICMB-IX), Sydney, Australia. Abstract book, page 37.
- **Gestoso, I.**, Rossi, F. 2015. The cascading effect of sea anemones on epiphyte biomass in a eelgrass meadow (*oral communication*). 44th Annual Benthic Ecology Meeting. March, 2015, Quebec City, Canada.
- Olabarria, C., Vaz-Pinto, F., **Gestoso, I.**, Arenas, F. 2012. Biological invasions in a global change scenario: some experimental approaches using *Sargassum muticum* and *Xenostrobus securis* as model species (*oral communication*). III Workshop Red CYTED BIODIVMAR. November, 2012, University of Vigo, Vigo, Spain.
- Vaz-Pinto F., Olabarria C., **Gestoso I.**, Cacabelos I., Incera, M., Arenas, F. 2012. Role of functional diversity and climate change on the invasibility of macroalgae assemblages (*oral communication*). “NEOBIOTA 2012” 7th European Conference on Biological Invasions. September, 2012, Pontevedra, Spain.
- Arenas, F., Olabarria, C., Viejo, R., Rubal, M., Veiga, P., Incera, M., Vaz-Pinto, F., Cacabelos, E., **Gestoso, I.**, Sobrino, C. 2011. Impact & feedbacks of invasion and climate change on algal assemblages: experimental approaches (*oral communication*). Vth European Phycological Congress. September, 2011, Rhodes, Greece.

- **Gestoso I.**, Olabarria I., Peña Pérez M., & Arenas F. 2011 Pattern of distribution of invasive mussel *Xenostrobus securis* along an horizontal gradient in the Ria of Vigo (NW Spain). Seventh International Conference on Marine Bioinvasions (ICMB-VII). August, 2011, Barcelona, Spain.
- **Gestoso I.**, Olabarria I., Peña Pérez M., & Arenas F. 2011. Macrofauna associated with mussel aggregation: does invasive species make a difference?. Seventh International Conference on Marine Bioinvasions (ICMB-VII). August, 2011, Barcelona, Spain.
- Cacabelos E., Rubal M., Veiga P., Incera M., Vaz-Pinto F., **Gestoso I.**, Viejo R., Arenas F., & Olabarria C. 2011. Patterns of spatial variation in macroalgal assemblages of Iberian rockpools invaded by *Sargassum muticum*. Seventh International Conference on Marine Bioinvasions (ICMB-VII). August, 2011, Barcelona, Spain.
- Vaz-Pinto F., Arenas F., Olabarria C., Viejo R., Rubal M., Veiga P., Incera M., Cacabelos I., **Gestoso I.**, & Sobrino C. 2011. Response of macroalgae assemblages to an invasión and climate change scenario. Seventh International Conference on Marine Bioinvasions (ICMB-VII). August, 2011, Barcelona, Spain.
- Olabarria C., **Gestoso I.**, & Arenas F. 2011. A new mussel species in the Ria de Vigo (NW of Spain): mechanism of invasion (*oral communication*). International workshop “Blooms and invasions of marine species”. June, 2011, Sète, France.
- Arenas F., Olabarria C., Viejo R., Rubal M., Veiga P., Incera M., Vaz-Pinto F., Cacabelos E., **Gestoso I.**, Sobrino C., & Sousa Pinto I. 2010. Climate change and marine invasions: experimental insights from macroalgal assemblages (*oral communication*). 12º Encontro Nacional de Ecologia. October, 2010, Porto, Portugal.
- Cacabelos E., Olabarria C., Incera M., **Gestoso I.**, & Troncoso, J.S. 2010. A comparison of epifaunal assemblages with native kelps and invasive species. XVI Simposio Ibérico de Estudios de Biología Marina. September, 2010, Alicante, Spain.
- Olabarria, C., Incera, M., Cacabelos, E., & **Gestoso, I.** 2010. Factors affecting invasión: experimental approach using the invasive alga *Sargassum muticum* as a model (*oral communication*). XVI Simposio Ibérico de Estudios de Biología Marina. September, 2010, Alicante, Spain.
- **Gestoso, I.**, Olabarria, C., Cacabelos, E., Incera M., &Troncoso, J.S. Preference behaviour in hábitat selection of a marine amphipod. 45th European Marine Biology Symposium. August, 2010, Heriot- Watt University, Edinburgh, Scotland.
- Cacabelos E., Incera M., **Gestoso I.**, Troncoso, J.S., & Olabarria C. Role of urbanization on the spatio-temporal variability of marine macroalgal assemblages invaded by *Sargassum muticum*. 45th European Marine Biology Symposium. August, 2010, Heriot-Watt University, Edinburgh, Scotland.
- Incera M., Olabarria C., Cacabelos E., & **Gestoso I.** Experiment set-up to test the effect of herbivory and space availability on *Sargassum muticum* invasion. 45th European Marine Biology Symposium. August, 2010, Heriot-Watt University, Edinburgh, Scotland.
- **Gestoso, I.**, Olabarria, C., Cacabelos, E., & Troncoso, J.S. Spatio-temporal variability of epifaunal assemblages associated with native and invasive algae. World conference on biological invasions and ecosystem functioning. October, 2009, Porto, Portugal.
- Cacabelos E., Olabarria C., Incera M., Cesar J., **Gestoso I.**, & Troncoso, J.S. Role of the sea urchin *Paracentrotus lividus* in controlling the distribution of *Sargassum muticum* on northwestern Spain. World conference on biological invasions and ecosystem functioning. October, 2009, Porto, Portugal.

Publications

- **Gestoso, I.**, Ramalhosa, P., Canning-Clode, J. Biotic effects during the settlement process of non-indigenous species in marine benthic communities. *Aquatic Invasions* (under review).
- Babarro, J.M.F., Abad, M.J., **Gestoso, I.**, Silva, E., Olabarria, C. Protective tissues of two co-existing mytilid species: responses to simulated climate change and predation. *Hydrobiologia*, doi: 10.1007/s10750-017-3397-7
- Ramalhosa, P., Nebra, A., **Gestoso, I.**, Canning-Clode, J. First record of the non-indigenous isopods *Paracerceis sculpta* (Holmes, 1904) and *Sphaeroma walkeri* Stebbing, 1905 (Isopoda: Sphaeromatidae) for the Madeira Island. *Crustaceana Crustaceana*, 90: 1747-1764.
- **Gestoso, I.**, Ramalhosa, P., Oliveira, P., Canning-Clode, J. (2017) Marine protected communities against biological invasions: A case study from an offshore island. *Marine Pollution Bulletin*, 119, 72-80.
- Olabarria, C., **Gestoso, I.**, Lima, F.P., Vázquez, E., Comeau, L.A., Gomes, F., Seabra, R., Babarro, J.M. F. 2016. Response of Two Mytilids to a Heat Wave: the Complex Interplay of Physiology, Behaviour and Ecological Interactions. *PLoS ONE*11(10): e0164330.
- **Gestoso, I.**, Arenas, F., & Olabarria, C. 2016. Ecological interactions modulate responses of two intertidal mussel species to changes in temperature and pH. *Journal of Experimental Marine Biology and Ecology*, 474:116-125.

- **Gestoso, I.**, Arenas, F., Olabarria, C. 2015. Feeding behaviour of an intertidal snail: Does past environmental affect predator choices and preys vulnerability? *Journal of Sea Research*, 97:66-74.
- **Gestoso, I.**, Arenas, F., & Olabarria, C. 2014. Biotic resistance and facilitation of a non-indigenous mussel over an environmental gradient. *Marine Ecology Progress Series* 506:163-173.
- **Gestoso, I.**, Arenas, F., Rubal, M., Veiga, P., Peña, M., & Olabarria, C. 2013. Shifts from native to non-indigenous mussels: Enhanced habitat complexity and its effects on faunal assemblages, *Marine Environmental Research*, 90: 85-95.
- Cacabelos, E., Olabarria, C., Viejo, R. M., Rubal, M., Veiga, P., Incera, M., **Gestoso, I.**, Vaz-Pinto, F., Mejia, A., Engelen, A. H., Arenas, F. 2013. Invasion of *Sargassum muticum* in intertidal rockpools: Patterns along the Atlantic Iberian Peninsula. *Marine Environmental Research*, 90: 18-26.
- Vaz-Pinto, F., Olabarria, C., **Gestoso, I.**, Cacabelos, E., Incera, M., Arenas, F. 2013. Functional diversity and climate change: effects on the invasibility of macroalgal assemblages. *Biological invasions*, 15: 1833-1846.
- Olabarria, C., Arenas, F., Viejo, R.M., **Gestoso, I.**, Vaz-Pinto, F., Incera, M., Rubal, M., Cacabelos, E., Veiga, P., & Sobrino, C. 2012. Response of macroalgal assemblages from rockpools to climate change: effects of persistent increase in temperature and CO₂. *Oikos*, 122: 1065-1079.
- **Gestoso, I.**, Olabarria, C., Troncoso, J.S. 2012. Selection of habitat by a marine amphipod. *Marine Ecology*, 35: 103-110.
- **Gestoso, I.**, Olabarria, C., & Arenas, F. 2012. The invasive mussel *Xenostrobus securis* along the Galician coast (NW Spain): status of invasion. *Cahiers de Biologie Marine*, 53: 391-396.
- **Gestoso, I.**, Olabarria, C., Troncoso, J.S. 2012. Effects of macroalgal identity on epifaunal assemblages: native species versus the invasive species *Sargassum muticum*. *Helgoland Marine Research*, 66: 159-166.
- Arenas, F., Olabarria, C., Viejo, R., Rubal, M., Veiga, P., Incera, M., Vaz-Pinto, F., Cacabelos, E., **Gestoso, I.**, Sobrino, C. 2011. Impact & feedbacks of invasion and climate change on algal assemblages: experimental approaches. *European Journal of Phycology*, 46(S1): 47.
- Cacabelos, E., **Gestoso, I.** 2010. Preferencia de Hábitat y alimento en invertebrados marinos: técnicas experimentales en laboratorio. In: Olabarria et al. *Métodos y técnicas en investigación marina*. *Editorial Tecnos (Grupo Anaya)*. Madrid.
- **Gestoso, I.**, Olabarria, C., Troncoso, J.S. 2010. Variability of epifaunal assemblages associated with native and invasive macroalgae. *Marine Freshwater Research*, 61: 724-731.

Other publishing outreach activities

- Title or object: Sea of plastic: the impact of marine debris in the marine environment. Type of event: Conferences given City: Funchal, Madeira Island, Portugal Date: 2016 Organising institution: Marine Biology Station of Funchal Type of institution: Public Institution
- Title or object: Anthropogenic impacts in marine protected areas (MPAs) of the Madeira archipelago: interactive effects of marine debris, pollution and invasive species. Name of the event: Conference. City: Funchal, Madeira Island, Portugal Date: 2016 Organising institution: Madeira Nature Park. Type of institution: Public Institution
- Title or object: Biological invasions in our coasts: the macroalga from Japan (*Sargassum muticum*) and the mussel from New Zealand (*Limnoperna securis*). Type of event: Conference. City: Redondela, Galicia, Spain. Date: 2013. Organising institution: Xunta de Galicia - Grupos de Accion Costeira. Type of institution: Associations and Groups

Teaching experience

- 2017 Mentor to Léa Riera, **Master “Biology Ecology and Environment” Université de Montpellier**, Marine Bioresources in Tropical and Mediterranean Environment. Project title: Les espèces invasives dans l’archipel de Madere: Recensement, surveillance des vecteurs d’introduction et experimentation en mesocosme. MARE – Marine and Environmental Sciences Centre, Quinta do Lorde Marina, Caniçal, Madeira Island, Portugal.
- 2017 Co-mentor to Katrin Schertenleib and Joana Roma, **Global Approach by Modular Experiments (GAME project)**. Project title: Thermotolerance in marine mesograzers. MARE – Marine and Environmental Sciences Centre, Quinta do Lorde Marina, Caniçal, Madeira Island, Portugal.
- 2013/2014 **Environmental Impact Assessment** (5 hours) in the degree in Biology at the University of Vigo.
- 2013 **Ecosystems Ecology** (43 hours) and **Conservation Ecology** (10 hours) in the degree in Biology at the University of Vigo.
- 2012 **Marine Ecology** (30 hours) in the degree in Marine Sciences at the University of Vigo.

Services

- 2012 – *Present Reviewer* for scientific journals: Scientific Reports; Scientia Marina; Marine Environmental Research; PLoS ONE; Marine Biology; Marine and Freshwater Research; Marine Pollution Bulletin; Biological Invasions.
- 2016 – *Present Reviewer* for granting agencies: NSF- National Science Foundation.

Awards

- “**MARINE INOVA 2011**”, 3º prize, for the project: “Viability of monkfish aquaculture”.Campus do Mar, Marine Instruments and Inova Consultores. Vigo.

Professional Experience

- 10/2015 – *Present PostDoctoral Fellow. MARE- Marine and Environmental Sciences Centre.* Canning Clode Marine Lab, Madeira Island, Portugal.
- 10/2012 – 12/2012 (3 months) **Postdoctoral stay** in public institution, **UMR 5119 (ECOSYM laboratory) at the University of Montpellier 2.** Montpellier, France.
- 1/2012- 1/2014 **Research staff biologist (predoctoral contract)** in thesis project: “Invasion and climate change: mechanisms and impacts on coastal systems” directed by Dr. Celia Olabarria Uzquiano. EZ1 Research Group. Department of Ecology and Animal Biology, Faculty of Sciences. University of Vigo.
- 5/2012 – 7/2012 (3 months) **PreDoctoral stay** in public institution, **CIIMAR - Interdisciplinary Centre of Marine and Environmental Research.** Porto, Portugal.
- 3/2011 – 9/2011 **Research staff biologist**, project: "Getting liquid extracts of algae as a value added product for agriculture and cosmetics from Galician coastal resources," directed by Dr. Celia Olabarria Uzquiano. EZ1 Research Group. Department of Ecology and Animal Biology, Faculty of Sciences. University of Vigo.
- 10/2009 - 10/2010 **Fellowship training at the Marine Science Station Toralla (ECIMAT),** University of Vigo. Toralla Island.
- 11/2008-10/2009 Research staff biologist for the development of "*Study of macroalgae and associated epifaunal invertebrate communities: species native vs. invasive species. Analysis of the structure and organization of epifaunal invertebrate communities associated with Sacchoriza polyschides, Bifurcaria bifurcata (native species) and Sargassum muticum (invasive species) in intertidal rocky shores*", within the project: "**Effects of the invasive alga Sargassum muticum on structure and composition of local communities of two intertidal ecosystems**", directed by Dr. Celia Olabarria Uzquiano. EZ1 Research Group. Department of Ecology and Animal Biology - Faculty of Sciences. University of Vigo.
- 08/18/2008-08/27/2008 **Aquaculture assistant** Insuña SL - Chapela 12/2007 - 8 / 2008 **Collaboration Grant** 2007/2008, **Aquarium Finisterre (A Coruña).**
- 8/2007 - 9/2007 Internship in **Department of Biology and Fish Larval Physiology of the Institute of Marine Research (CSIC), Vigo.** (185 hours).
- 3/2006 - 10/2006 **Aquarist in ZooAquarium in Madrid.**
- 11/2004 - 3/2006 **Specialist Technician in the Department of Ecology and Animal Biology,** Faculty of Sciences (EZ1 Research Group). University of Vigo.
- 9/2004 - 10/2004 Campaign “**Porcupine 09/04**” Conducted by the **Spanish Institute of Oceanography.** Having remained on board as a scientist aboard the research vessel "**Vizconde de Eza**", from 5 September to 7 October.
- 3/2004 - 6/2004 "**FCT - ZooAquarium Madrid**" (440 hours). Practices as an aquarist. Hippocampus farming experience.

Other interesting information

- **Driving licence A1 and B1.**
- 2001 - 2003 Member of the Association of Diving **ISUV (Underwater Research at the University of Vigo).** Responsible for the organization of lectures, screenings, etc., related to the marine environment.