

Eva Cacabelos Reyes

MARE – MARINE AND ENVIRONMENTAL SCIENCES CENTRE
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EDUCATION

- 1999-2005 *Ph.D. in Marine Sciences. Thesis: "Bionomic cartography of macrobenthic populations in soft bottoms of the Ensenada de San Simón (NW Spain)"* UNIVERSITY OF VIGO. Supervisor: Dr. Jesús S. Troncoso
- 1999-2001 *Master degree: "Biology of organisms and ecosystems"* UNIVERSITY OF VIGO
- 1994-1999 *Bachelor in Marine Sciences* UNIVERSITY OF VIGO

RESEARCH EXPERIENCE

- 2017- Current **MARE – MARINE AND ENVIRONMENTAL SCIENCES CENTRE**
Postdoctoral fellow Caniçal, Madeira, Portugal
CENTRE FOR ECOLOGY, EVOLUTION AND ENVIRONMENTAL CHANGE (CE3C)
AZOREAN BIODIVERSITY GROUP - UNIVERSITY OF AZORES
External collaborator Ponta Delgada, Azores, Portugal
- 2016-2017 **CENTRE FOR ECOLOGY, EVOLUTION AND ENVIRONMENTAL CHANGE (CE3C)**
AZOREAN BIODIVERSITY GROUP - UNIVERSITY OF AZORES
Researcher Ponta Delgada, Azores, Portugal
- 2015-2016 **CENTRE FOR ECOLOGY, EVOLUTION AND ENVIRONMENTAL CHANGE (CE3C)**
AZOREAN BIODIVERSITY GROUP - UNIVERSITY OF AZORES
External collaborator Ponta Delgada, Azores, Portugal
- 2013-2014 **INTERDISCIPLINARY CENTRE FOR MARINE AND ENVIRONMENTAL RESEARCH (CIIMAR) - UNIVERSITY OF PORTO**
CIRN & GRUPO DE BIOLOGIA MARINHA - UNIVERSITY OF AZORES
Postdoctoral fellow Ponta Delgada, Portugal
- 2011-2013 **CENTRO TECNOLÓGICO DEL MAR-FUNDACIÓN CETMAR**
Technology Promotion and Transfer Vigo, Spain
Project technician
- 07-12/2011 **INTERDISCIPLINARY CENTRE FOR MARINE AND ENVIRONMENTAL RESEARCH (CIIMAR) - UNIVERSITY OF PORTO**
Laboratory for Marine Community Ecology and Evolution Porto, Portugal
Research fellow
- 2010-2011 **INTERDISCIPLINARY CENTRE FOR MARINE AND ENVIRONMENTAL RESEARCH (CIIMAR) - UNIVERSITY OF PORTO**
Laboratory of Coastal Biodiversity Porto, Portugal
Research fellow

2008-2010	UNIVERSITY OF VIGO <i>Department of Ecology and Animal Biology</i> <i>Research technician</i>	Vigo, Spain
01-11/2007	NETHERLANDS INSTITUTE VOR ECOLOGIE (NIOO) <i>Department of Spatial Ecology</i> <i>Postdoctoral fellow</i>	Yerseke, The Netherlands
02-12/2006	UNIVERSITY OF OVIEDO <i>Institute of Natural Resources and Area Planning</i> <i>Research fellow</i>	Oviedo, Spain
04-09/2005	UNIVERSITY OF VIGO <i>Department of Ecology and Animal Biology</i> <i>Research technician</i>	Vigo, Spain
2003-2004	UNIVERSITY OF VIGO <i>Department of Ecology and Animal Biology</i> <i>Predoctoral fellow</i>	Vigo, Spain

PUBLICATIONS

Peer review

- 1) PRESTES, A.C.L., **CACABELOS E.**; NETO, A.I., MARTINS, G. 2017. Temporal stability in community standing stock despite high species turnover. *Marine Ecology Progress Series* 567, 249-256, doi: 10.3354/meps12039
- 2) BERTOCCI, I.; ARENAS, F.; **CACABELOS, E.**; MARTINS, G.; SEABRA, M.; ALVARO, N.; FERNANDES, J.; GAIAO, R.; MAMEDE, N.; MULAS, M.; NETO, A. 2017. Nowhere safe? Exploring the influence of urbanization across mainland and insular seashores. *Marine Pollution Bulletin* 114, 644-655, doi: 10.1016/j.marpolbul.2016.10.045
- 3) **CACABELOS, E.**; MARTINS, G.; THOMPSON, R.; PRESTES, A.C.L.; AZEVEDO, J.M.N.; NETO, A.I. 2016. Factors limiting the establishment of canopy-forming algae on artificial structures. *Estuarine, Coastal and Shelf Science* 181, 277-283, doi: 10.1016/j.ecss.2016.08.036
- 4) **CACABELOS E.**; MARTINS, G.M.; THOMPSON, R.; PRESTES, A.C.L.; AZEVEDO, J.M.N.; NETO, A.I. 2016. Material type and roughness influence structure of intertidal communities on coastal defences. *Marine Ecology* 37(4), 801-812, doi: 10.1111/maec.12354
- 5) MARTINS E.; NETO, A.I.; **CACABELOS, E.** 2016. Ecology of a key ecosystem engineer on hard coastal infrastructure and natural rocky shores. *Marine Environmental Research* 113, 88-94
- 6) VEIGA, P.; RUBAL, M.; **CACABELOS, E.**; MALDONADO, C.; SOUSA-PINTO, I. 2014. Spatial variability of macrobenthic zonation on exposed sandy beaches. *Journal of Sea Research* 90, 1-9. doi: 10.1016/j.seares.2014.02.009

- 7) QUINTAS, P.; **CACABELOS, E.**; TRONCOSO, P. 2013. Spatial-distribution of soft-bottom polychaetes in seagrass beds of the Ensenada de O Grove (NW Spain). *Thalassas* 29(2), 45-58
- 8) VEIGA, P; RUBAL, M.; MOREIRA, J.; **CACABELOS, E.**; SOUSA PINTO, I. 2013. Abundance and fragmentation patterns of the ecosystem engineer *Lithophyllum byssoides* (Lamarck) Foslie along the Iberian Peninsula Atlantic coast. Conservation and management implications. *J. Sea Res.*, 83: 40-46. doi: org/10.1016/j.seares.2013.03.016
- 9) **CACABELOS, E.**; OLABARRIA, C.; VIEJO, R.; 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. doi: 10.1016/j.marenvres.2013.05.008
- 10) VAZ-PINTO, F.; OLABARRIA, C.; GESTOSO, I.; **CACABELOS, E.**; INCERA, M.; ARENAS, F. 2013. Functional diversity and climate change: effects on the invasibility of macroalgae assemblages. *Biological Invasions*, 15(8): 1833-1846. doi: 10.1007/s10530-013-0412-4
- 11) OLABARRIA, C.; ARENAS, F.; VIEJO, R.; GESTOSO, I.; VAZ-PINTO, F.; INCERA, M.; RUBAL, M.; **CACABELOS, E.**; VEIGA, P.; SOBRINO, C. 2013. Response of macroalgal assemblages from rockpools to climate change: effects of persistent increase in temperature and CO₂. *Oikos* 122: 1065-1079. doi: 10.1111/j.1600-0706.2012.20825.x
- 12) RUBAL, M.; VEIGA, P.; **CACABELOS, E.**; MOREIRA, J.; SOUSA-PINTO, I. 2013. Increasing sea surface temperature and range shifts of intertidal gastropods along the Iberian Peninsula *J. Sea Research*, 77: 1-10. doi: 10.1016/j.seares.2012.12.003
- 13) TUYA, F.; **CACABELOS, E.**; DUARTE, P.; JACINTO, D.; CASTRO, J.J.; SILVA, T.; BERTOCCI, I.; FRANCO, J.N.; ARENAS, F.; COCA, J.; WERNBERG, T. 2012. Patterns of landscape and assemblage structure along a latitudinal gradient in ocean climate. *Marine Ecology Progress Series*, 466: 9-19. doi: 10.3354/meps09941
- 14) QUINTAS, P.; **CACABELOS, E.**; TRONCOSO, J.S. 2012. Inventario de los moluscos y poliquetos asociados a las praderas de *Zostera marina* y *Zostera noltei* de la Ensenada de O Grove (Galicia, N-O España). *Bol. R. Soc. Esp. Hist. Nat. Sec. Biol.*, 106: 113-126
- 15) **CACABELOS, E.**; ENGELEN, A.H.; MEJIA, A.; ARENAS, F. 2012. Comparison of the assemblage functioning of estuary systems dominated by the seagrass *Nanozostera noltii* versus the invasive drift alga *Gracilaria vermiculophylla*. *Journal of Sea Research*, 72: 99-105. doi: 10.1016/j.seares.2012.02.003
- 16) MOREIRA, J.; LOURIDO, A.; **CACABELOS, E.** & TRONCOSO, J.S. 2011. Patterns of spatial distribution of Cephalaspideans (Mollusca, Gastropoda) in subtidal soft bottoms. *Thalassas*, 27(2): 23-35
- 17) **CACABELOS, E.** MOREIRA, J.; LOURIDO, A.; & TRONCOSO, J.S. 2011. Ecological features of the Terebellida fauna (Annelida, Polychaeta) from the Ensenada de San Simón (NW Spain). *Animal Biodiversity and Conservation* 34.1: 141-150

- 18) INCERA, M.; OLABARRIA, C.; **CACABELOS, E.**; CÉSAR, J. & TRONCOSO, J.S. 2011. Distribution of *Sargassum muticum* on the North West coast of Spain: effects of urbanization and diversity on invasion Continental Shelf Research, 31(5): 488-495. doi:10.1016/j.csr.2010.06.005
- 19) **CACABELOS, E.**; OLABARRIA, C.; INCERA, M. & TRONCOSO, J.S. 2010. Do grazers prefer invasive seaweeds? Journal of Experimental Marine Biology and Ecology 393(1-2): 182-187. doi: 10.1016/j.jembe.2010.07.024
- 20) **CACABELOS, E.**; OLABARRIA, C.; INCERA, M. & TRONCOSO, J.S. 2010. Effects of habitat structure and tidal height on epifaunal assemblages associated with macroalgae. Estuarine, Coastal and Shelf Science 89: 43-52. doi: 10.1016/j.ecss.2010.05.012
- 21) **CACABELOS, E.**; MOREIRA, J. & TRONCOSO, J. S. 2010. Distribution and ecological analysis of the Syllidae (Annelida, Polychaeta) from the Ensenada de San Simón (Galicia, NW Spain). Thalassas 25(3) Special issue: 89-98
- 22) **CACABELOS, E.**; LOURIDO, A. & TRONCOSO, J. S. 2010. Composition and distribution of subtidal and intertidal crustacean assemblages in soft-bottoms of the Ria de Vigo (NW Spain). Scientia marina 74(3), 455-464. doi: 10.3989/scimar.2010.74n3455
- 23) MOREIRA, J.; **CACABELOS, E.** & TRONCOSO, J. S. 2009. Primer registro de *Nebalia kocatasi* Moreira, Koçak & Katagan, 2007 (Crustacea, Phyllocarida, Leptostraca) en la Península Ibérica. Boletín de la Sociedad Esp. de Historia Natural 103(1-4), 65-72
- 24) **CACABELOS, E.**; GESTOSO, L. & TRONCOSO, J. S. 2009. Inventario de la macrofauna bentónica de sustratos blandos de la Ensenada de San Simón (NO España) Boletín de la Real Sociedad Española de Historia Natural 103(1-4), 103-119
- 25) MOREIRA, J.; **CACABELOS, E.** & TRONCOSO, J. 2009. Diversity and spatial distribution of the gastropod fauna (Mollusca: Gastropoda) on subtidal sedimentary substrata of the Ensenada de Baiona (Galicia, NW Iberian Peninsula). Iberus, 27(1), 103-117
- 26) **CACABELOS, E.**; DOMÍNGUEZ, M. & TRONCOSO, J. 2009. Trophic structure of soft-bottom macrobenthos in an inlet in north-western Spain. Journal of the Marine Biological Association of the United Kingdom 89(3), 439-447. doi: 10.1017/S0025315409003105
- 27) BRUN, F. G.; VAN ZETTEN, E.; **CACABELOS, E.** & BOUMA, T. J. 2009. Role of two contrasting ecosystem engineers (*Zostera noltii* and *Cymodocea nodosa*) on the filter feeding rate of *Cerastoderma edule*. Helgoland Marine Research 63, 19-25. doi: 10.1007/s10152-008-0134-7
- 28) **CACABELOS, E.**; DOMÍNGUEZ, M. & TRONCOSO, J. S. 2008. Benthic macrofaunal populations of the Galician coasts (NW Spain) Journal of the Marine Biological Association of the United Kingdom. Global Marine Environment 7, 26-27
- 29) **CACABELOS, E.**; MOREIRA, J. & TRONCOSO, J. 2008. Distribution of Polychaeta in soft-bottoms of a Galician Ria (NW Spain). Scientia Marina 72(4), 655-667. doi: 10.3989/scimar.2008.72n4655
- 30) **CACABELOS, E.**; QUINTAS, P. & TRONCOSO, J. 2008. Spatial distribution of soft-bottoms molluscs in the Ensenada de San Simón (NW Spain). American Malacological Bulletin 25, 9-19. doi: 10.4003/0740-2783-25.1.9

- 31) LOURIDO, A.; CACABELOS, E. & TRONCOSO, J. 2008. Patterns of distribution of the polychaete fauna in subtidal soft sediments of the Ría de Aldán (north-western Spain). Journal of the Marine Biological Association of the United Kingdom. 88(2), 263-275. doi: 10.1017/S0025315408000696
- 32) CACABELOS, E.; GESTOSO, L. & TRONCOSO, J. 2008. Macrofauna in the Ensenada de San Simón (Galicia, north-western Spain). Journal of the Marine Biological Association of the United Kingdom. 88(2), 237-245. doi: 10.1017/S0025315408000660
- 33) CACABELOS, E.; GESTOSO, L.; DOMÍNGUEZ, M.; LOURIDO, A.; MOREIRA, J.; QUINTAS, P. & TRONCOSO, J. 2007. Cartografía bionómica de las poblaciones macrobentónicas de sustratos blandos de la Ensenada de San Simón (Galicia). Seminario de Estudios Redondeláns 4, 175-199
- 34) MOREIRA, J; CACABELOS, E. & TRONCOSO, J.S. 2004. A new species of *Sphaerodoropsis* (Polychaeta: Sphaerodoridae) from north-east Atlantic, with comments on other species of the genus. Journal of the Marine Biological Association of the United Kingdom 84(5), 995-1000. doi: 10.1017/S002531540401029Xh
- 35) MOREIRA, J; CACABELOS, E. & DOMÍNGUEZ, M. 2003. *Nebalia troncosoi* sp. nov., a new species of leptostracan (Crustacea: Phyllocarida: Leptostraca) from Galicia, Iberian Peninsula (north-east Atlantic). Journal of the Marine Biological Association of the United Kingdom 83(2), 341-350. doi: 10.1017/S0025315403007173h

Articles in review:

CACABELOS, E.; THOMPSON, R.; PRESTES, A.C.L.; AZEVEDO, J.M.N.; NETO, A.I.; MARTINS, G. Patchiness in habitat distribution can enhance biological diversity of coastal engineering structures. Journal of Applied Ecology

Book chapters:

CACABELOS, E.; QUINTAS, P.; TRONCOSO, J., SÁNCHEZ, J.; AMIGO, J.; ROMERO, I.; GARCÍA, I.; CREMADES, J.; BÁRBARA, I. 2015. Praderas de angiospermas marinas de Galicia. In: Ruiz, J.M., Guillén, J.E., Ramos Segura, A., Otero, M.M. (Eds.). Atlas de las praderas marinas de España. IEL/IEO/UICN, Murcia-Alicante-Málaga. pp. 488-529

CACABELOS, E., QUINTAS, P., TRONCOSO, J.S., BÁRBARA, I., GARCÍA, V., CREMADES, J., GARMENDIA, J.M., PUENTE, A., RECIO, M. & ONDIVIELA, B. 2015. Las praderas marinas de España: una visión general. La biodiversidad de las praderas españolas: Atlántico norte. In: Ruiz, J.M., Guillén, J.E., Ramos Segura, A., Otero, M.M. (Eds.). Atlas de las praderas marinas de España. IEO/IEL/UICN, Murcia-Alicante-Málaga. pp. 87-91

CACABELOS, E. & GESTOSO, I. 2011. Preferencia de hábitat y alimento en invertebrados marinos: técnicas experimentales en laboratorio. In Métodos y técnicas en investigación marina. J. M. García Estévez, C. Olabarria, S. Pérez, E. Rolán-Álvarez, G. Rosón (Eds). ISBN 978-84-309-5208-3. pp:15-24

PRESENTATIONS

cE3c Annual Meeting. Frontiers in E3. Ponta Delgada, Portugal, 2017.

- CACABELOS E, PRESTES, A.C.L.; FARIA, J.; FERNÁNDEZ, M.; SECA, A.; BARRETO M.C.; MARTINS, G.M.; GIL, A.; ANDREAKIS, N.; YESSON, C.; ABREU, H.; NETO, A.I. Ecosystem impacts of the invasive marine macroalga *Asparagopsis armata* in the Azores (Oral communication)
- PRESTES, A.C.L.; CACABELOS, E.; MARTINS, G.M.; NETO, A.I. Long-term effects of the non-native seaweed *Asparagopsis armata* in the littoral communities of the Azores (Poster communication)

International Conference on Island Evolution, Ecology and Conservation. Island Biology

2016. Terceira Island, Azores, Portugal, 2016

- CACABELOS E, MARTINS GM, THOMPSON R, PRESTES A, AZEVEDO JMN, NETO AI. Factors limiting the establishment of canopy-forming algae on artificial structures (Poster communication).

World Congress of Malacology , Penang, Malaysia, 2016

- MOREIRA J, VEIGA P, RUBAL M, CACABELOS E, SOUSA-PINTO I. Mollusc diversity associated to the ecosystem engineer *Lithophyllum byssoides* (Rhodophyta) across a latitudinal gradient (Oral communication).

International Seminar Biodiversity on Urban Structures, Ponta Delgada, 2015

- CACABELOS E, MARTINS GM, THOMPSON R, PRESTES ACL, AZEVEDO JMN, NETO AI. Urban structures: A driver of biodiversity change in coastal ecosystems? (Oral communication).

Aquatic Biodiversity and Ecosystems. Evolution, interactions and global change. Liverpool, UK, 2015

- CACABELOS E, MARTINS GM, THOMPSON R, PRESTES ACL, FARIA J, AZEVEDO JMN, NETO AI. Habitat slope, cause of differences in epibiota at artificial structures? (Poster communication).

5th International Workshop on opistobranchs. Porto, Portugal, 2015

- VEIGA, P.; RUBAL, M.; MOREIRA, J.; CACABELOS, E.; SOUSA-PINTO I. *Runcina coronata* (Quatrefages, 1844) living in the crustose macroalga *Lithophyllum byssoides* (Lamark). Abundance and distribution along the Iberian Peninsula Atlantic coast (Poster communication).

cE3c Annual Meeting. Frontiers in E3. Lisbon, 2015

- CACABELOS E, MARTINS GM, THOMPSON R, PRESTES ACL, AZEVEDO JMN, NETO AI. Marine assemblages on coastal defence structures (Oral communication).

3rd International Symposium on Effects of Climate Change on the World's Oceans. Santos, Brazil, 2015

- CACABELOS E, MARTINS GM, THOMPSON R, PRESTES A, AZEVEDO JMN, NETO AI. Marine assemblages on natural shores and coastal defence structures. (Poster communication).

XVII Simposio Ibérico de Estudios de Biología Marina. Gijón, 2014

- CACABELOS, E.; MARTINS, G.M.; THOMPSON, R.; PRESTES, A.; AZEVEDO, J.M.N.; NETO, A.I. Effects of substratum type and matrix on intertidal assemblages colonizing artificial structures. (Oral communication).
- CACABELOS, E.; MARTINS, G.M.; SÁNCHEZ, R.; BUSQUIER, L.; MOSQUERA, R.; NETO, A.I. Do man-made habitats affect patterns of spatial distribution of mollusc? (Poster communication).

International Meeting on Marine Resources. Peniche, Portugal, 2014

- CACABELOS, E.; MARTINS, G.M.; MONIZ, I.; THOMPSON, R.; PRESTES, A.; AZEVEDO, J.M.N.; NETO, A.I. Aggregated and dispersed configuration of microhabitats in coastal defenses: Implications for restoration of populations (Poster communication).

International Temperate Reefs Symposium. Perth, Australia, 2014

- FRANCO, J.N.; WERNBERG, T.; BERTOCCI, I.; CACABELOS, E.; DUARTE, P.; JACINTO, D.; VASCO-RODRIGUES, N.; ARENAS, F.; CASTRO, J.; SILVA, T.; COCA, J.; TUYA, F. Patterns of grazing, landscape structure and assemblage structure along a latitudinal gradient in ocean climate (Oral communication).

XVII Simposio Ibérico de Estudios de Biología Marina. Donosti-San Sebastián, Spain, 2012

- VEIGA, P.; RUBAL, M.; CACABELOS, E.; MOREIRA, J. & SOUSA-PINTO, I. Abundance and fragmentation patterns of the habitat-forming macroalga *Lithophyllum byssoides* (Lamarck) Foslie along the Iberian Peninsula Atlantic coast (Poster communication).
- RUBAL, M.; VEIGA, P.; CACABELOS, E.; MOREIRA, J. & SOUSA-PINTO, I. Distribution patterns and shifts in abundance of rocky shore gastropods along a latitudinal gradient: A response to climate change (Oral communication).
- VEIGA, P.; RUBAL, M.; CACABELOS, E.; MALDONADO, C. & SOUSA-PINTO, I. Body size determines the patterns of spatial variability on exposed sandy beach assemblages (Oral communication).

International Meeting on Marine Resources. Peniche, Portugal, 2012

- TUYA F., CACABELOS E., DUARTE P., JACINTO D., CASTRO J.J., SILVA T., BERTOCCI I., FRANCO J.N., ARENAS F., COCA J., WERNBERG T. Patterns of landscape and assemblage structure along a latitudinal gradient in ocean climate (Oral communication).

BIT's 1st Annual World Congress of Biodiversity. Xi'an, China, 2012

- TRONCOSO J.S., INCERA M., OLABARRIA C., CACABELOS E., CÉSAR J. Effects of Urbanization in the Spreading of Invasive Algae *Sargassum muticum* in Northwest Coast of Spain.

7th European Conference on Biological Invasions. NEOBIOTA 2012. Pontevedra, Spain, 2012

- VAZ-PINTO F., OLABARRIA C., GESTOSO I., CACABELOS E., INCERA M. ARENAS F. Role of functional diversity and climate change on the invasibility of macroalgae assemblages (Oral communication).

Fifth European Phycological congress. Rhodes, Greece, 2011

- F. ARENAS, C. OLABARRIA, R. VIEJO, M. RUBAL, P. VEIGA, M. INCERA, F. VAZ-PINTO, E. CACABELOS, I. GESTOSO, C. SOBRINO. Impact and feedbacks of invasion and climate change on algal assemblages: Experimental approaches (Oral communication).

Seventh International Conference on Marine Bioinvasions. Barcelona, Spain, 2011

- VAZ-PINTO F., ARENAS F., OLABARRIA C., VIEJO R., RUBAL M., VEIGA P., INCERA M., CACABELOS E., GESTOSO I.; SOBRINO C. Response of Macroalgae Assemblages to an Invasion and Climate Change Scenario (Oral communication).
- CACABELOS E., RUBAL, M., VEIGA P., INCERA M., VAZ-PINTO F., GESTOSO I., VIEJO R., ARENAS F., OLABARRIA C. Patterns of spatial variation in macroalgal assemblages of Iberian rockpools invaded by *Sargassum muticum* (Poster communication).
- CACABELOS, E., ENGELEN, A.H., MEJIA, A., ARENAS, F. Productivity changes of *Zostera noltii* meadows invaded by the drift seaweed *Gracilaria vermiculophylla* (Poster communication).

International workshop Blooms and invasions of marine species. Montpellier, France, 2011

- F. ARENAS, C. OLABARRIA, R. VIEJO, M. RUBAL, P. VEIGA, M. INCERA, F. VAZ-PINTO, E. CACABELOS, I. GESTOSO, C. Invasion and Climate change impacts and feedbacks on coastal communities: Experimental approaches using macroalgal assemblages (Oral communication).

ECClima- Estuaries in a Changing Climate. Porto, Portugal, 2011

- CACABELOS, E.; ENGELEN, A.H.; MEJIA, A.; ARENAS, F. Comparison of the assemblage functioning of estuary systems dominated by the seagrass *Zostera noltii* versus the invasive drift alga *Gracilaria vermiculophylla* (Oral communication).

12º Encontro Nacional de Ecologia. Porto, Portugal, 2010

- ARENAS, F.; OLABARRIA, C.; VIEJO, R.; RUBAL, M.; VEIGA, P.; INCERA, M.; VAZ-PINTO F.; CACABELOS, E.; GESTOSO, I.; SOBRINO, C.; SOUSA PINTO I. Climate change and marine invasions: experimental insights from macroalgal assemblages (Oral communication).

XVI Simposio Ibérico de Estudios de Biología Marina. Alicante, Spain, 2010

- OLABARRIA, C.; INCERA, M.; CACABELOS, E. & GESTOSO, I. Factors affecting invasion: experimental approach using the invasive alga *Sargassum muticum* as a model (Oral communication).
- CACABELOS, E.; OLABARRIA, C.; INCERA, M. & TRONCOSO, J.S. A comparison of epifaunal assemblages associated with native kelps and invasive species.
- CACABELOS, E.; LOURIDO, A. & TRONCOSO, J.S. Ecological remarks on the Terebellida (Annelida, Polychaeta) from Ensenada de San Simón (NW Spain).

Third International Workshop on Opisthobranchs XVI. Vigo, Spain, 2010

- MOREIRA, J.; DÍAZ-AGRAS, G.; ANEIROS, F.; ESQUETE, P.; CANDÁS, M.; LUCAS, Y.; ALDEA, C.; CACABELOS, E. & TRONCOSO, J.S. Opisthobranchs vs. Prosobranchs: comparison of distribution patterns in subtidal soft bottoms.

45th European Marine Biology Symposium. Edinburgh, United Kingdom, 2010

- 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*.
- GESTOSO, I.; OLABARRIA, C.; CACABELOS, E.; INCERA, M. & TRONCOSO, J.S. Preference behaviour in habitat selection of a marine amphipod.
- INCERA, M.; OLABARRIA, C.; CACABELOS, E. & GESTOSO, I. Experiment set-up to test the effect of herbivory and space availability on *Sargassum muticum* invasion.

World Conference on Biological Invasions and Ecosystem Functioning. Porto, Portugal, 2009

- CACABELOS, E.; OLABARRIA, C.; INCERA, M.; CÉSAR, J.; GESTOSO, I. & TRONCOSO, J.S. Role of the sea urchin *Paracentrotus lividus* in controlling the distribution of *Sargassum muticum* on northwestern Spain.
- INCERA, M.; OLABARRIA, C.; CÉSAR, J.; CACABELOS, E. & TRONCOSO, J.S. Distribution of *Sargassum muticum* on the northwestern coast of Spain: Effect of urbanization and diversity on invasion.
- GESTOSO, I.; OLABARRIA, C.; CACABELOS, E. & TRONCOSO, J.S. Spatio-temporal variability of epifaunal assemblages associated with native and invasive algae.

II International Symposium in Marine Sciences. Vigo, Spain, 2009

- MOREIRA, J.; CACABELOS, E. & TRONCOSO, J.S. Comparison of distribution patterns of molluscs and polychaetes in subtidal sedimentary substrata of the Ensenada de Baiona (Galicia, NW Iberian Peninsula).
- QUINTAS, P.; CACABELOS, E. & TRONCOSO, J.S. La Familia Syllidae en una pradera de *Zostera marina* y *Zostera noltii* (Ensenada de O Grove, Galicia).
- LOURIDO, A.; CACABELOS, E. & TRONCOSO, J.S. Distribución de la fauna de bivalvos de los fondos blandos de la Ría de Aldán (NO de España).

- CÉSAR, J.; INCERA, M.; OLABARRIA, C.; TRONCOSO, J.S.; CACABELOS, E. & LEBRAS C. Spatial distribution of the seaweed *Sargassum muticum* in the Ria de Vigo (NW Spain).
- CACABELOS, E.; OLABARRIA.; INCERA, M. & TRONCOSO, J.S. Epifaunal assemblages associated with the invasive species *Sargassum muticum*.
- CACABELOS, E.; MOREIRA, J. & TRONCOSO, J.S. Sobre la distribución y autoecología de los Sílidos (Annelida, Polychaeta, Syllidae) de la Ensenada de San Simón (Galicia).
- CACABELOS, E.; LOURIDO, A. & TRONCOSO, J.S. Crustacean fauna from San Simón Inlet (NW Spain).

XIII Congreso Latinoamericano de Ciencias del Mar. VIII Congreso de Ciencias del Mar Cuba. La Habana, Cuba, 2009

- CACABELOS, E.; LOURIDO, A. & TRONCOSO, J.S. Peracarid diversity and assemblages in subtidal soft-bottoms at the Ensenada de San Simón (Galicia, NW Spain).

World Conference on Marine Biodiversity. Valencia, Spain, 2008

- BOUMA, T.J.; CACABELOS, E.; BRUN, F. G. & YSEBAERT, T. Ecosystem engineering effects on biodiversity.

XV Simposio Ibérico de Estudios de Biología Marinha. Funchal, Portugal, 2008

- CACABELOS, E.; DOMÍNGUEZ, M. & TRONCOSO, J.S. Presencia de especies indicadoras de estrés en una ensenada orgánicamente enriquecida.
- CACABELOS, E.; LOURIDO, A. & TRONCOSO, J.S. Estructura trófica de anélidos poliquetos de la Ensenada de San Simón.
- CACABELOS, E.; QUINTAS, P. & TRONCOSO, J.S. La Familia Spionidae (Polychaeta) en la Ensenada de San Simón (Galicia, NO España).
- LOURIDO, A.; CACABELOS, E. & TRONCOSO, J.S. Asociaciones de poliquetos de sustratos blandos de la Ría de Aldán (NO de España).
- QUINTAS, P.; CACABELOS, E.; & TRONCOSO, J.S. Variación temporal y microespacial de la estructura trófica de los moluscos y poliquetos de una pradera de *Zostera marina* (Ensenada de O Grove, Galicia).

MARBEP WORKSHOP: The role of native and/or invasive ecosystem engineers in explaining biodiversity. Klaipeda, Lithuania, 2007

- CACABELOS, E.; VAN ZETTEN, E.; YSEBAERT, T.; BRUN, F. G. & BOUMA, T. J. Understanding biodiversity effects of ecosystem engineers: a case study on aquatic macrophytes.
- CACABELOS, E.; VAN ZETTEN, E.; YSEBAERT, T.; BRUN, F. G. & BOUMA, T. J. Food supplies to filter feeders inside seagrasses with different hydrodynamic conditions.

IV Symposium on Sandy Beaches. Vigo, Spain, 2006

- CACABELOS, E.; GESTOSO, L. & TRONCOSO, J. S. Macrofauna in the sandy intertidal area of Ensenada de San Simón (Galicia, NW Spain).

IV Simposio Ibérico de Estudios de Biología Marina. Barcelona, Spain, 2006

- CACABELOS, E.; LOURIDO, A & TRONCOSO, J. S. Estudio trófico de la macrofauna bentónica de fondos blandos de la Ensenada de San Simón (NO España).
- CACABELOS, E.; RODRÍGUEZ, C. & GARCÍA, P. Estudio de la macrofauna bentónica de fondos blandos de la costa de Asturias.

IV International Congress of the European Malacological Societies. Naples, Italy, 2005.

- CACABELOS, E.; GESTOSO, L. & TRONCOSO, J.S. Biocenotic study of molluscs in soft bottoms of Ensenada de San Simón (NW Spain).

Symposium on Accidental Oil Spills in the Marine Environment. Vertimar 2005. Vigo, Spain, 2005

- CACABELOS, E.; DOMÍNGUEZ, M.; GESTOSO, L.; LOURIDO, A.; QUINTAS, P.; MOREIRA, J. & TRONCOSO, J. S. Macrofaunal communities in soft bottoms of the Galician coast. Situation six months after the Prestige oil-spill.

XIII Iberian Symposium of Studies of Marine Benthos. Las Palmas de Gran Canaria, Spain, 2004

- QUINTAS, P.; CACABELOS, E. & TRONCOSO, J. S. Spatial distribution of molluscs and polychaete associated to *Zostera* spp. beds in Ensenada de O Grove. (Ría de Arousa, Galicia).
- CACABELOS, E.; MOREIRA, J. & TRONCOSO, J. S. Distribution of the subtidal macrofauna in soft bottoms of Ensenada de San Simón, Galicia.
- TRONCOSO, J. S.; MOREIRA, J. & CACABELOS, E. Faunistic Analysis of macrobenthos in sandy bottoms of the western Galician coast after Prestige oil spill.

VIII International Polychaete Conference. Madrid, Spain, 2004

- CACABELOS, E.; DOMÍNGUEZ, M. & TRONCOSO, J. S. Polychaete fauna from San Simón Inlet (NW Spain).

XII Iberian Symposium of Studies of Marine Benthos. Gibraltar-La Línea de la Concepción, Spain, 2002

- QUINTAS, P.; CACABELOS, E. & TRONCOSO, J. S. About distribution and specific richness of Family Spionidae in *Zostera* spp. beds of Ensenada de O Grove (Ría de Arousa, Galicia).
- CACABELOS, E.; GESTOSO, L. & TRONCOSO, J. S. Sedimentary characterization of the Ensenada de San Simón (Ría de Vigo, Galicia, NW Spain).
- MOREIRA, J.; CACABELOS, E. & TRONCOSO, J. S. Leptostraca crustaceans (crustacea: phyllocarida) of the Galician rías (NW Iberian Peninsula) I. Genus *Nebalia*.

II International Congress of the European Malacological Societies. Vigo, Spain, 2002

- CACABELOS, E.; DOMÍNGUEZ, M. & TRONCOSO, J. S. Contribution to knowledge of molluscs in Ensenada de San Simón (Ría de Vigo, NW Spain).
- GESTOSO, L.; CACABELOS, E. & TRONCOSO, J. S. Spatial variation of a *Goodallia triangularis* (Mollusca, Bivalvia) population in Ensenada de Baiona (Galicia, Spain).
- MOREIRA, J.; CACABELOS, E. & TRONCOSO, J. S Moluscos de la Ensenada de Baiona (Galicia, NO Península Ibérica): Lista faunística y distribución espacial de las comunidades.
- QUINTAS, P.; CACABELOS, E. & TRONCOSO, J. S. Comparative distribution of *Hydrobia ulvae* (Pennant, 1777) in the inlets of San Simón and O Grove (Ría de Vigo and Ría de Arousa, NW Spain).

36th European Marine Biology Symposium. Maó, Spain, 2001

- CACABELOS, E.; QUINTAS, P. & TRONCOSO, J. S. Preliminary results on mollusca from San Simón inlet (NW Spain).
- MOREIRA, J.; CACABELOS, E. & TRONCOSO, J. S. Taxonomic and ecological remarks on the Phyllodocids (Annelida, Polychaeta, Phyllodocidae) from Ensenada de Baiona (Galicia, NW Spain).

3º Symposium about Atlantic Iberian Continental Margin. Faro, Portugal, 2000

- QUINTAS, P.; CACABELOS, E. & TRONCOSO, J. S. Distribution of Filum Mollusca (Clase Bivalvia) on *Zostera* beds in the Ensenada de O Bao (Ría de Arousa, Galicia).

TEACHING/MENTORING EXPERIENCE

- Co-advisor to Afonso Prestes PhD Thesis, Impact of the invasive alga *Asparagopsis armata* in the littoral communities of the Azores. 2016-2019. University of Azores.
- Co-Mentor to Leire Lopetegui, Spatial and temporal distribution of macroalgal assemblages associated with the invasive *Asparagopsis armata* on intertidal rocky shore in Azores. Bachelor Project 2016-2017. University of Azores.
- Co-Mentor Alessandro Dieste. Grazing preferences on *Asparagopsis armata* and native macroalgae. Bachelor Project 2016-2017. University of Azores.
- Co-Mentor to Ane Laborda, Effect of artificial structures on the patterns of distribution and recruitment of *Chthamalus stellatus* (Poli, 1791). Bachelor project 2014-2015. University of Azores.
- Co-Mentor to Eduardo García, Variaciones en el desarrollo del *Fucus spiralis* L. en función de la perturbación antropogénica en la isla de Sao Miguel, Azores. Bachelor project 2014-2015. University of Azores.

- Co-Mentor to Rocío Sánchez, Impact of urban structures on coastal biodiversity. Bolsa Xunta de Galicia. September-November 2013. University of Azores.
- Co.Mentor to Rubén Mosquera, Understanding urban structures effects on coastal biodiversity. Erasmus Programme. June-August 2014. University of Azores.
- Co-Mentor to Virginie Leyendecker. Patterns of distribution and recruitment of *Chthamalus stellatus* (Poli, 1791). Eurodyssée Programme. May-Dezember 2014. University of Azores.
- Co-Mentor to Laura Busquier. Molluscs inhabiting macroalgae in the intertidal rocky shore of São Miguel. Eurodyssée Programme. April-June 2014. University of Azores.
- Practical classes of Erasmus Mundus Program: Science in Marine Biodiversity and Conservation (2011, 10 h).
- Lecturer of practical classes of Behavior of Marine Animals (2002-2004, 15 h/year).
- Lecturer of practical classes of Adaptations of Marine Animals (1999-2004, 20 h/year).
- Monitor of marine biology in the "Atlantis" program, Xunta de Galicia, Viveiro, Spain (03-05/2002).
- Classes in Primary and Secondary Education. Subjects: Research & Robotics. Academic course 2015-2016. 10h per week.
- Scientific divulgation:

Program “Mergúllate no océano” (Dive into the ocean). Campus do Mar. July-August 2016.

“Ciencia no bairro” (Science in the neighborhood). Expolab. 23 September 2017.

“Noite Europeia dos investigadores” (European Researchers' Night). ExpoLab. 29 September 2017.

PARTICIPATION IN RESEARCH PROJECTS

- 2016-2019 Ecosystem impacts and socioeconomic benefits of *Asparagopsis armata* in the Azores.
- 2013-2014 Urban Structures: a driver of biodiversity change in coastal ecosystems?
- 2011-2013 Obtaining of liquid extracts from seaweeds for agricultural and cosmetic uses.

- 07-12/2011 Effects of ocean climate on the macroecology and resilience to disturbances of kelp beds.
- 2010-2011 Shifts from seagrasses to seaweed domination systems.
- 2008-2010 Invasion of *Sargassum muticum* in Galicia: factors affecting the expansion.
- 01-11/2007 Understanding biodiversity effects of ecosystem engineers: a case study on aquatic macrophytes.
- 02-12/2006 Implementation of the European Union Water Framework Directive in Asturian coasts (N Spain).
- 04-09/2005 Temporary pursuit of the impact of the Prestige in the subtidal benthos.
- 03-07/2004 Urgent Extraordinary Action "Evaluation of the impact in the communities and species of commercial and ecological interest in the coastal zones. Spring period"
- 2000-2003 Structure and temporary variation of the benthic macrofauna on seagrass beds (*Zostera marina* and *Zostera noltii*): Effect of the dynamic of nutrients.

EXAMINER AND EVALUATION COMMITTEES

- 2017. Evaluation panel. Fernando Aneiros González. Variación temporal de la macrofauna bentónica infralitoral de los fondos sedimentarios de la Ría de Aldán (NO Península Ibérica). PhD Thesis. Supervised by Jesús Souza Troncoso and Juan Moreira da Rocha. University of Vigo. Spain.
- 2017. Evaluation panel. Xela Cunha Veira. Macrofauna bentónica da enseada de Santa Lucía (Ría de Ferrol, Galicia): Diversidade e dinámica temporal a longo prazo. PhD Thesis. Supervised by Victoriano Urgorri Carrasco and Julio Parapar Vegas. University of Santiago. Spain.
- 2015. Evaluation panel. Ángel Mateo Ramírez. Crustacean decapod communities associated with shallow bottoms of seagrass meadows and their relationship with neighborouing biotopes in South Spain. PhD Thesis. Supervised by José Enrique García Raso. University of Malaga. Spain.
- 2015. Evaluation panel. Leticia Bas Ventín. Hacia la integración del capital natural en la planificación marino-costera a través de procesos participativos: el caso de las praderas marinas. PhD Thesis. Supervised by Sebastián Villasante and Jesús S. Troncoso. University of Santiago. Spain.

- 2014. Evaluation panel. Loreto Gestoso Suárez. Variación temporal de la macrofauna bentónica en praderas de *Zostera marina* L. de la Ensenada de San Simón (Galicia). PhD Thesis. Supervised by Mariano Lastra and Jesús S. Troncoso. University of Vigo. Spain.
- 2014. Evaluation panel. Ignacio Gestoso García. The invasion process of the non-indigenous mussel *Xenostrobus securis* (Lamarck, 1819): spread, impacts and the role of climate change. PhD Thesis. Supervised by Celia Olabarria Uzquiano and Francisco Arenas Parra. University of Vigo. Spain.
- 2014. Evaluation panel. Vanessa González Ortiz. Marine angiosperms and diversity: the importance of the structural complexity of seagrass in the benthic fauna. PhD Thesis. Supervised by Fernando G. Brun Murillo and José Lucas Pérez Llorens. University of Cádiz. Spain.
- 2012. Evaluation panel. Jeffrey A. Sibaja-Cordero. Composición de la macrofauna bentónica en substratos sedimentarios del Parque Nacional Isla del Coco, Costa Rica. PhD Thesis. Supervised by Jesús S. Troncoso. University of Vigo. Spain.

SERVICES

Reviewer for:

- Marine Ecology – Progress Series
- Marine Pollution Bulletin
- Marine Environmental Research
- Marine Biology
- Journal of Sea Research
- Continental Shelf Research
- Hydrobiologia
- Biological Reviews
- Scientia Marina
- Thalassas
- Journal of the Marine Biological Association
- Journal of Experimental Marine Biology and Ecology
- Journal of Biological Research-Thessaloniki
- Estuarine, Coastal and Shelf Science
- Environmental Engineering and Management Journal
- Boletín de la Real Sociedad Española de Historia Natural
- Cahiers de Biologie Marine
- Biology and Environment
- Iberus
- Revista de Biología Tropical sobre el Pacífico Norte de Costa Rica

SKILLS AND COMPETENCES

- ***Languages:***

Mother tongue: Spanish, Galician

Other languages: fluent in English and Portuguese

- ***Computer experience in:***

Word, Excel 00, PowerPoint, Corel Photopaint, Corel Draw

PRIMER-PERMANOVA, SPSS, SigmaPlot, EndNote

- ***Scientific Illustration:***

2014, Workshop de Ilustração Científica by Nuno Farinha, Expolab - Ciência Viva.

- ***Oceanographic campaigns***

6-12/05/2003 - University of Vigo. Galicia, Spain. On board of the B/O Mytilus.

Different periods 2006 - University of Oviedo. Asturias, Spain. On board of the B/O Rioja. Implementación de la Directiva Marco del agua a las aguas transicionales y costeras de Asturias.

10-12/10/2011 - University of Porto. Gorringe, Portugal. On board of Xu-Nauta. Produção primária benthica em montanhas submarinas: Uma nova hipótese para explicar a abundância e a biodiversidade sobre montanhas submarinas pouco profundas (GreenMount)

- ***Other skills:***

- Taxonomy: Macrofauna (Polychaeta, Mollusca & Crustacea) and Seaweeds.
- Ability for driving recreational vessels (*Patrón de embarcaciones de recreo* certificate).
- Scuba-diving certificate (FEDAS, B1*).
- Ability for sailing (*Competencia marinera* certificate).
- Certificate on Pedagogical Aptitude (CAP)
- Positive evaluation as Auxiliar Professor of the Agency for Quality Assurance in the Galician University System.
- Environmental educator