

PERSONAL INFORMATION

Name: Joan Josep Soto Àngel
Date of birth: November 4, 1986
Place of birth: València, Spain
Age: 30 years old
Nationality/Citizenship: Spanish

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EDUCATION

PhD in Biodiversity

University of Valencia, València (Spain). January 2012–July 2017.

Dissertation: “Diversity, ecology and biogeography of Antarctic benthic hydrozoans: the Weddell Sea and the Scotia Arc as study cases”.

Master in Biodiversity, Ecology and Animal Conservation

University of Valencia, València (Spain). October 2010–November 2011.

Dissertation: “Benthic hydroids from the Scotia Arc (Southern Ocean), collected by German Antarctic expedition ANT-XIX/5”.

Master in Marine Ecology

University of the Balearic Islands, Balearic Islands (Spain). March 2010–September 2010.

Dissertation: “Benthic hydroids from the Maltese Islands: fauna, ecology and biogeography”.

Bachelor’s degree in Biology

University of La Laguna, Canary Islands (Spain). October 2004–March 2010.

GRANTS

PhD grant VALi+d Researcher in training. Conselleria d’Educació, Investigació, Cultura i Esports. Generalitat Valenciana. Grant code: ACIF/2011/062. June 2011–June 2014.

Best Oral Presentation Award. VIII Workshop of the Hydrozoan Society. June 2015.

Studentship and travel grant for the course “Systematics and Biology of tropical Hydrozoa”. Smithsonian Tropical Research Institute. Panama. July 2015.

PEER REVIEWED PUBLICATIONS

1. **Soto Àngel JJ**, Martell L and Palero F (2017) Polyps fishing on a crab: novel association between *Hydrichthella epigorgia* (Hydrozoa, Ptilocodiidae) and *Achaeus* (Crustacea, Inachidae). *Marine Biodiversity* DOI: 10.1007/s12526-017-0746-8.
2. Mercado Casares B, **Soto Àngel JJ** and Peña Cantero AL (2017) Towards a better understanding of Southern Ocean Biogeography: new evidences from benthic hydroids. *Polar Biology* 40 (10): 1975–1988.
3. **Soto Àngel JJ** and Peña Cantero AL (2017) Inhabitant or visitor? Unexpected finding of a species of *Aglaophenia* Lamouroux, 1812 (Cnidaria, Hydrozoa) in Antarctic waters. *Antarctic Science* 29 (4): 331–339.
4. **Soto Àngel JJ** and Peña Cantero AL (2017) A new piece in the puzzle of the Antarctic Biogeography: what do benthic hydroids tell us about the Scotia Arc affinities? *Polar Biology* 40 (4): 863–872.
5. **Soto Àngel JJ** and Peña Cantero AL (2015) On the benthic hydroids from the Scotia Arc (Southern Ocean): new insights into their biodiversity, ecology and biogeography. *Polar Biology* 38 (7): 983–1007.

6. **Soto Àngel JJ** and Peña Cantero AL (2013) Shallow-water benthic hydroids from the Maltese Islands (central Mediterranean). *Marine ecology: an evolutionary perspective* 34 (1): 177–196.

OTHER PUBLICATIONS

1. **Soto Àngel JJ** and Fontana Bria L (2015) Els nostres veïns submarins (Our marine neighbours). *Edicions 96*. 184 pp. ISBN-13: 978-8415802600.

PARTICIPATION IN SCIENTIFIC MEETINGS

1. Poster. Riding a crab: ecological interactions between *Hydrichthella epigorgia* (Hydrozoa, Ptilocodiidae) and *Achaeus spinosus* (Decapoda: Inachidae). V Jellyfish bloom symposium. Barcelona (Spain). June 2016.
2. Oral communication. Our marine neighbours: a new didactic resource on marine biodiversity. V Conference on Biology in education. València (Spain). May 2016.
3. Oral communication. Benthic hydroids from the Weddell Sea and the Scotia Arc: Biodiversity, Ecology and Biogeography. VIII Workshop of the Hydrozoan Society. Ischia (Italy). June 2015.
4. Oral communication. Dignifying marine biology: our commitment, a general need. III Conference on Biology in education. València (Spain). May 2014.
5. Oral communication. Life cycle evolution within cnidarians: which came first, the polyp or the medusa? II Cycle of conferences “Parlem del Mar”. Bioblaü/University of Valencia. València (Spain). November 2013.
6. Poster. Species of *Symplectoscyphus* (Cnidaria: Hydrozoa) from the Weddell Sea collected by German Antarctic expeditions. Scientific Committee on Antarctic Research (SCAR): Biology Symposium. Barcelona (Spain). July 2013.
7. Poster. What a surprise! A species of *Aglaophenia* on Antarctic waters: a biogeographical paradox. Scientific Committee on Antarctic Research (SCAR): Biology Symposium. Barcelona (Spain). July 2013.
8. Oral communication. Marine Biology in education: the role of university students’ associations. II Conference on Biology in education. València (Spain). April 2013.
9. Poster. On *Schizotricha discovery* sp. nov. (Cnidaria, Hydrozoa), a new Antarctic hydroid species from the Scotia Arc. XVII Iberian Symposium on Marine Biology Studies. Donostia (Spain). September 2012.
10. Poster. Species of *Staurotheca* Allman, 1888 (Cnidaria, Hydrozoa, Sertulariidae) from the Weddell Sea collected by several German Antarctic expeditions. XVII Iberian Symposium on Marine Biology Studies. Donostia (Spain). September 2012.
11. Poster. The role of marine biology students’ associations in university teaching and outreach. XVII Iberian Symposium on Marine Biology Studies. Donostia (Spain). September 2012.
12. Oral communication. Faunistic affinities of the benthic hydroids from the Scotia Arc: a transit point or a place to stay? II International Symposium on Marine Sciences. Cadiz (Spain). January 2012.
13. Oral communication. Morphometric study of the cnidome of mediterranean species of *Aglaophenia* (Cnidaria, Hydrozoa): a new diagnostic tool. Iberian Congress on Animal Systematics. Madrid (Spain). January 2012.
14. Oral communication. Interactive key for the Western Mediterranean Cnidarians Taxonomy. II World Conference on Marine Biodiversity (WCMB). Aberdeen (Scotland). September 2011.

15. Oral communication. Benthic hydroids from the Scotia Arc (Southern Ocean) collected by the German Antarctic expedition ANT-XIX/5. II World Conference on Marine Biodiversity (WCMB). Aberdeen (Scotland). September 2011.
16. Poster. Shallow-water benthic hydroids from Maltese Islands (central Mediterranean). VII Workshop of the Hydrozoan Society. Lecce (Italy). September 2010.

PARTICIPATION IN RESEARCH PROJECTS

August 2010 October 2010	– Life+ Cubomed
	Activities: Jellyfish and gelatinous plankton blooms watching in offshore; Ontogenetic drifts in bathymetric and spatial distribution of the cubozoan <i>Carybdea marsupialis</i> .
	Affiliation: University of Alicante and ICM-CSIC.
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August 2017 September 2017	– HYPNO – Hydrozoan pelagic diversity in Norway
	Activities: Plankton sampling, sorting and identifying; Integrative taxonomy and species delimiting within <i>Stegopoma plicatile</i> complex.
	Affiliation: University of Bergen.

TEACHING AND OUTREACH

Outreach workshop on coastal marine fauna at *Expociència*, Open Days of University of Valencia Science Park. Five editions: May 2010, 2011, 2012, 2013, 2014.

Teaching staff of undergraduate courses “Zoology” and “Marine Biology” from Bachelor’s degree in Biology. Department of Zoology, University of Valencia (Spain). November 2012–June 2014.

Founding member and president of University students’ association Bioblau. 2011-2015.

Promoter and teaching staff of academic events at undergraduate and postgraduate level:

1. Introduction to the identification of sharks and fishes. Four editions: 2013 (2), 2014 (2).
2. Mediterranean marine invertebrate taxonomy. Four editions: 2013 (2), 2015 (1), 2016 (1).
3. Conferences cycle *Parlem del Mar* (Let’s talk about the sea) Three editions: 2013, 2014, 2015.
4. Field sampling course *Anem al Mar* (Let’s go to the sea). Summer 2013.

Outreach activities:

1. Informative talks and workshops for children “How to become a marine biologist” and “Marine biologist for a day”. Xàbia, Alacant (Spain). Two editions: 2013, 2014.
2. Curator of exhibition “Els nostres veïns submarins” (Our marine neighbours). *La Nau* Cultural Centre, University of Valencia (Spain). November 2015.

Founding member and secretary of Oceanographic Research Institute of Xàbia (IROX). 2015-to date.

Promoter of several scientific projects and events:

1. Advice and preparation of the visual guide for the identification of underwater species from Xàbia. Xàbia Town Hall. December 2015.
2. Conference cycle *Jornades IROX*, with the contribution: Cnidarians in *La Marina*, research proposals and future perspectives. February 2016.

SCIENTIFIC COURSES AND TECHNICAL SKILLS.

1. Introduction to R for marine biologists. University of Valencia. València (Spain). May 2016.
2. Systematics and Biology of tropical Hydrozoa (Cnidaria). Smithsonian Tropical Research Institute. Bocas del Toro (Panama). July 2015

3. Introduction to Pelagic Cnidarians and Ctenophores: Research Topics and Methods. Med-Jellyrisk School. ICM-CSIC. Barcelona (Spain). November 2014.
4. Advanced underwater photography. Bioblau/University of València. Xàbia (Spain). November 2014.
5. Biology, ecology, monitoring and sampling of opisthobranchs. Opisthobranchs Research Group of Catalonia (GROC). Xàbia (Spain). May 2014.
6. Polar Meeting: Tips for young researchers. APECS-Spain Workshop. Barcelona (Spain). July 2013.
7. Skipper entertainment boats (P.E.R.) (to steer boats up to 15 m length). Generalitat Valenciana. València (Spain). December 2012.
8. Digital image and microscopy. Permanent Training Office, University of Valencia. València (Spain) June 2012.
9. GIS techniques for biodiversity studies. Global Biodiversity Information Facility (GBIF). Madrid (Spain). March 2012.
10. PADI Rescue Diver. Specialities: Emergency First Response, Enriched Air NITROX, Ice diver. September 2011.
11. Internship at l'Oceanogràfic. Maintenance and management of aquariums. (City of Arts and Sciences, València, Spain). August-September 2009.

ONGOING PROJECTS

DNA barcoding and morphological identification guide to the Hydrozoa (Cnidaria) of Bocas del Toro, Panama. In collaboration with Maria Pia Miglietta (Project leader), Texas A&M University at Galveston (United States), and Stefano Piraino, University of Salento (Italy).

Disentangling the species complex *Stegopoma plicatile* by integrative systematics. In collaboration with Luis Martell and Aino Hosia, University of Bergen (Norway).

Biodiversity of hydroids from polar region (Arctic and Antarctic). In collaboration with Álvaro Luis Peña Cantero, University of Valencia (Spain), and Marta Ronowicz (Project leader), Institute of Oceanology, Polish Academy of Sciences (Poland).

LANGUAGE SKILLS

Spanish – Native speaker.
Catalan – Native speaker.

English – Advanced level.