

Daniel González-Suárez

Marine Biologist || Coastal Oceanographer

LinkedIn

ORCID

GitHub

Marine biologist experienced in the technology industry as a data analyst. Deeply passionate about studying early development of marine invertebrates and competent on rearing invertebrates for environmental-stress experiments. Knowledgeable in data analysis and visualization with programming languages like R and python, as well as with querying databases with SQL.

Academic Degrees

Personal Info

2019-2021 MSc in Coastal Oceanography

Universidad Autónoma de Baja California
Baja California, México

<https://danielgs14.github.io>

2017-2019 BSc Marine and Freshwater
Resources Management

Universidad Nacional de Costa Rica (UNA)

danielgs14@gmail.com

San José, Costa Rica

2012-2016 BSc in Marine Biology

Universidad Nacional de Costa Rica (UNA)

April 30th, 1992

+50683777802

Work Experience

Hakkoda
Analytics Engineer I

2021-2022

Worked with database management using SQL, python and R. Developed protocols for exploratory data analysis and designed dashboards with Sigma, a Business Intelligence tool

INCAPESM, UABC
Research and Training in Production and Growth of Marine Cultures

2021

Worked as laboratory technician, supporting experiments with early development of the Pacific oyster *Crassostrea gigas*. Classified the embryonic and larval stages and assisted in respirometries for larvae. Performed statistical data analysis and created visualizations for final reports of experiments.

EcoDel, IIO
Ecology and Developmental Biology Laboratory, Institute of Oceanologic Research

2019-2021

Laboratory maintenance, experiment execution and report elaboration. Provided experimental design and statistical guidance for postgraduate students.

CIMAR, UCR
Laboratory assistant (Ad honorem)

2016-2018

Assistant to various researchers for projects about echinoderm research, ocean acidification, seagrass ecology, deep-see identification and database management.

Research

Daniel González-Suárez & José Carlos Hernández (2022)

Early developmental stages of the sea urchin *Sphaerechinus granularis* (Lamarck, 1816) (Echinoidea: Toxopneustidae).

Marine Biology Research, 18:3-4, 266-277, DOI: 10.1080/17451000.2022.2093375

Congresses

17th International Echinoderm Conference

2024

Early development of the sea urchin *Arbacia stellata* exposed to a thermal range in its northern distribution limit

V Latin American Echinoderm Congress

2022

Early developmental stages of the sea urchin *Sphaerechinus granularis*

III Marine Sciences Scientific Congress

2016

Effectivity of Marine Protected Areas in Costa Rica

Courses & Workshops

Exploratory Data Analysis in R

2020

Universidad Autónoma de Baja California (UABC)
Baja California, México

Larval Biology of Marine Invertebrates

2019

Friday Harbor Laboratories, University of Washington
Washington, USA

Effects of dissolved oxygen stress on larval *Haminoea vesicula* survivorship and growth
Selection of vertical zones in low oxygen water columns by larval *Dendraster excentricus*

Systematics, Taxonomy and Ecology of Echinoderms

2019

Universidad Nacional Autónoma de México (UNAM)
Yucatán, México

Administration of Marine Biogeographical Data

2018

INVEMAR & OceanTeacher - Global Academy
Santa Marta, Colombia

Python Programming Academic Workshop

2018

National Center for High Technology (CeNAT)
San José, Costa Rica