
PROFESSIONAL EXPERIENCE

- Laboratory Technician / Deckman, TDI-Brooks International, Inc., 2018 - Present

PROFESSIONAL SUMMARY

PhD studies in Marine Sciences at Interdisciplinary Center of Marine Sciences (CICIMAR-IPN). Thesis entitled “Environmental variables associated with the yellowfin tuna set types in the Mexican coast”. With over 28 years of experience in analysis and interpretation of environmental and biological data. Participation in research projects (over 20), national and international meetings (over 28), publication of technical reports, scientific papers and book chapters. Experience in research vessels: tagging of fish, search for species of commercial interest in great depths and fishing of shrimp. 3 Bachelor's degree theses directed.

KEY ACHIEVEMENTS - TDI BROOKS INTERNATIONAL, INC.

TDI Brooks International, Inc. Laboratory Technician and Deckman in Environmental base line survey and Geotechnical (Piston Core and gCPT/stinger). Functions: samples collection, samples processing, storage, cone operator. 17 projects.

FORMAL EDUCATION

- CICIMAR-IPN, La Paz, B.C.S. México. Ph. D. in Marine Science, 2010.
- CICIMAR-IPN, La Paz, B.C.S. México, Degree of Master of Science with specialization in Marine Resources Management, 2005
- UABCS, La Paz, B.C.S. México, Bachelor's degree in Marine Biology in November 1998.

FIELD EXPERIENCE

- TDI Brooks International, Inc. Laboratory Technician and Deckman in Environmental base line survey and Geotechnical (Piston Core and gCPT/stinger). Functions: samples collection, samples processing, storage, cone operator. 17 projects. September 2018 –April 2022.
- Colegio de Estudios Científicos y Tecnológicos del Estado de B.C.S. (CECyTE) plantel 10 Cd. Constitución. Teacher of ecology subjects and physics subjects. February - July 2017
- Centro de Investigaciones Costeras – Universidad de Ciencias y Artes de Chiapas (CEICO- UNICACH). Reserch- Profesor Academic Area of Fisheries Resources. August 2009– June 2016
- Centro Interdisciplinario de Ciencias Marinas – I.P.N. Technician. Department of Fisheries and Marine Biology. Analysis of environmental and fishery data for pelagic fish community Project. September 2000 – February 2002
- Asesoría y Servicios Analíticos, S.A. de C.V. Environmental consultant. March 1998 – August 2000.
- Centro Interdisciplinario de Ciencias Marinas – I.P.N. Laboratory and field technician. Departamento de Pesquerías y Biología Marina. Department of Fisheries and Marine Biology. DEPI project “Fishing ecology of Monterrey Sardine in the NW of México” August –December 1997.
- Centro de Investigaciones Biológicas. Technician. Department of Fisheries and Applied Climatology. Environmental Impact Study, "Protection of the marine environment near the Rosarito Power Station, B.C."
- Centro de Investigaciones Biológicas. Technician. Department of Fisheries and Applied Climatology. Analysis and integration of the climatic, oceanographic and fishing information in the project, "Evaluation of the impact to the Marine Environment by the thermal discharge of the Petacalco Power Station. January– December de 1994

PROFESSIONAL PAPERS / BOOKS

Papers

PCTI-Portal de Cooperación Tecnológica e Innovación del CONACyT. Año 4. No. 95, ISSN 2007-1310 “Cultivo del pez armado (*Atractosteus tropicus*), alternativa para México” Uscanga-Martínez A., Velázquez-Velázquez, E., Nettel-Hernanz, A., **Arias-Aréchiga, J.P.**, Rodríguez-Valencia, W. y Gómez-Gómez, M.A.

Revista de Ciencias del Mar y Limnología. Volumen 4, Numero 1. ISSN 1390-5767. “Análisis de la estructura de tallas y la relación peso-longitud del dorado (*Coryphaena hippurus*) capturado en Mazatlán, Sinaloa, México”. Zúñiga-Flores, M., Ortega-García S. y **J.P. Arias-Aréchiga**

Book Chapters

Charpter 17. Sobre la importancia de considerar la existencia de actividad biológica para la regionalización del océano: el caso del Golfo de California. 2000. Lluch-Cota, S.E. y **J.P. Arias-Aréchiga**. Centros de actividad biológica del Pacífico Mexicano. Eds. Lluch-Belda, D. Lluch-Cota, S. Elorduy J. y Ponce-Díaz G. CIBNOR-CICIMAR-CONACYT.

Diagnóstico de las características de la región. Ambiente marino. 1995. Lluch-Cota D.B., S.E. Lluch-Cota y **J.P. Arias-Aréchiga**. Programa de manejo de la Reserva de la

Biósfera El Vizcaíno. Eds. Ortega R.A., A. Castellanos y G. Arnaud. Centro de Investigaciones Biológicas del Noroeste