

Katiuska Paola Calle Delgado

Professor

EDUCATION:

- University of South Carolina, Arnold School of Public Health, Columbia, SC.
Ph.D. in Environmental Health Sciences, 2006
MS in Environmental Health Sciences, 2000
- University of Guayaquil, School of Biology, Guayaquil, Ecuador, 1996.
- ESPOL Polytechnic University Escuela Superior Politécnica del Litoral, Aquaculture Engineering, 1999

SERVICE ON THIS FACULTY (3 years)

06/15 - present, Professor.

06/15 - present, Director of Toxicological and Environmental Health Research Laboratory. Faculty of Life Sciences.

09/15 – 11/17, Sub-Dean of the Faculty of Life Sciences, ESPOL

OTHER RELATED EXPERIENCE

07/12 – 07/15, Sub-Dean of the Faculty of Marine Engineering, Ocean Biological Sciences and Natural Resources, ESPOL

05/06 – 07/15, Professor at the Faculty of Marine Engineering, Ocean Biological Sciences and Natural Resources, ESPOL

CONSULTING AND PATENTS (n/a)

STATE IN WHICH REGISTERED (n/a)

PUBLICATIONS LAST FIVE YEARS (6 Selected)

Cucalón, R.V., P. Jiménez-Prado, R. Navarrete-Amaya, J. Valdiviezo-Rivera, A. Torres-Noboa, N. Wierzal, K. Karpan, T. Borders, **P. Calle**, N. Lujan, and W.E. Aguirre. 2022. Phylogeography of the Chocó endemic Rainbow Characin (Teleostei: *Rhoadsia*). Ichthyology and Herpetology 110:138-155. <https://doi.org/10.1643/i2020092>

Alava J.J., McMullen K., Jones J., Barragán-Paladines M., Hobbs C., Tirapé A., **Calle P.**, Alarcón D., Muñoz-Pérez J.P., Muñoz-Abril L., Townsend K., Denkinger J., Uyaguari M., Domínguez G., Espinoza E., Reyes H., Piedrahita P., Fair P., Galloway T., Stein Grove J., Lewis C., Schofield J. 2022. Multiple anthropogenic stressors in the Galápagos Islands' complex social ecological system: Interactions of marine pollution, fishing pressure, and climate change with management recommendations. Integrated Environmental Assessment and Management. Volume 00, Number 00 pp. 1–26.

Alava, J.J., **Calle P.**, Tirapé A., Biedenbach G., Alvarado O., Maruya K., Lao W., Aguirre W., Jimenez P. Domínguez G., Bossart G., P. Fair, 2020. Persistent Organic Pollutants and Mercury in Genetically Identified Inner Estuary Bottlenose Dolphin (*Tursiops truncatus*) Residents of the Guayaquil Gulf, Ecuador: Ecotoxicological Science in Support of Pollutant Management and Cetacean Conservation. Frontiers in Marine Science 7(122):1-24.

Calle, P. C., B. L. Monserrate, F. Medina, M. Calle, A. Tirapé, M. Montiel, O. Ruiz, O. Alvarado, G. A. Domínguez, J.J. Álava. 2018. Mercury assessment, macrobenthos diversity and environmental quality conditions in the Salado Estuary (Gulf of Guayaquil, Ecuador) impacted by anthropogenic influences Marine Pollution Bulletin 136:365-373

Alava JJ, Barragán-Paladines MJ, Denkinger J, Muñoz-Abril L, Jiménez PJ, Paladines F, Valle CA, Tirapé A, Gaibor N, Calle M, **Calle P**, Reyes H, Espinoza E, Grove JS,. 2017 Massive Chinese Fleet Jeopardizes Threatened Shark Species around the Galápagos Marine Reserve and Waters off Ecuador: Implications for National and International Fisheries Policy. Int J Fisheries Sci Res. 2017; 1(1): 1001.

Malato, G., V.R. Shervette, R. Navarrete Amaya, J. Valdiviezo Rivera, F. Nugra Salazar, **P. Calle Delgado**, K.C. Karpan, and W.E. Aguirre. 2017. Parallel body shape divergence in the Neotropical fish genus *Rhoadsia* (Teleostei: Characidae) along elevational gradients of the Western Slopes of the Ecuadorian Andes. PLoS One 12(6):e0179432. <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0179432>

PROFESSIONAL SOCIETIES

Society of Environmental Toxicology and Chemistry

HONORS AND AWARDS

Graduate Student Award Third Place, Poster Presentation, Society of Environmental Toxicology and Chemistry, South – East Chapter, 2002 Charleston, South Carolina.

1998 – 2000 FUNDACYT – ECUADOR graduated student award for Master's degree.

2000 – 2006 FUNDACYT – ECUADOR graduated student award for Ph.D. degree.

INSTITUTIONAL AND PROFESSIONAL SERVICE (LAST FIVE YEARS)

Doctoral School, ESPOL

Research Vice-Dean, ESPOL

Chair SETAC Latin America chapter, Session: Neotropical Ecotoxicology and Conservation: Legacy and Emerging Pollutants in the Neotropics", Santos, Brazil. 2017.

Chair SETAC Latin America chapter, Session: The state of the art of ecotoxicological studies, Cartagena, Colombia. 2019.

TIME DISTRIBUTION

50% Research, 25% classes Biology career 25% Doctoral School.