

KARLA BERENICE PARGA MARTÍNEZ

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📍 Karla Parga-Mtz



RESEARCH INTEREST

Anthropogenic changes on Arctic ecosystems, effects of marine pollution in ocean and land and the societal components, microplastics in the sedimentary record as a marker of the Anthropocene, building a record of microplastics on glacial ice and deep-sea sediments, exploring the degradation or preservation at the sink.

RESEARCH EXPERIENCE

Alfred Wegener Institute for Polar and Marine Research | Germany

2018

GRADUATE RESEARCH STUDENT

Universidad Nacional Autónoma de México | Mexico

2014

UNDERGRADUATE LABORATORY ASSISTANT

EDUCATION

TALENT Marie Sklodowska-Curie PhD Fellow

2020 - Present

UNIVERSITY OF COPENHAGEN | Denmark

Department of Geosciences and Natural Resource Management (IGN)

MSc. Marine Environment and Resources

2016 - 2018

ERASMUS MUNDUS JOINT MASTER'S DEGREE

Coordinating Universities:

1. University of Southampton, UK (2016)
2. University of the Basque Country, Spain (2017)
3. University of Liège, Belgium (2017)

Dissertation

Temporal trends in marine litter at three stations of the HAUSGARTEN observatory in the Arctic deep sea

Host institution: Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, Germany (2018)

Undergraduate Visiting Student

2013

UNIVERSITY OF ALBERTA | Canada

BSc. Biology (Honours)

2011 - 2015

UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO (UNAM) | Mexico

Thesis: *Fish ecology and morphometrics of the endemic cyprinid *Notropis sallaei* from Central Mexico*

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AWARDS & CONFERENCES

Symposium Biodiversity, Plastics & Elimination Alternatives **2019**

DAAD AND THE TECHNOLOGICAL INSTITUTE OF MEXICO

Conference title: "Plastics in the deep ocean and their way to the Arctic"

Symposium Ocean Visions **2019**

GEORGIA TECH

Speaker in the Session "Integrated Modelling of Human and Climate Impacts on Ocean Systems"

Professor Michael B. Collins Award **2018**

MER CONSORTIUM | Plentzia Marine Station, Spain

Best Master Thesis Presentation

Erasmus Mundus Scholarship **2016**

EDUCATION, AUDIOVISUAL & CULTURE EXECUTIVE AGENCY | Brussels, Belgium

Coca Cola Scholarship for Academic Excellence **2013**

NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO (UNAM) | Mexico

PUBLICATIONS

Parga Martínez, K.B, Tekman, M.B. and Bergmann, M. (2020) Temporal Trends in Marine Litter at Three Stations of the HAUSGARTEN Observatory in the Arctic Deep Sea. *Frontiers in Marine Science*, 7, 321
doi: 10.3389/fmars.2020.00321

LANGUAGES

- Spanish (Native)
- English (Fluent, IELTS C1)
- Italian (Fluent)
- German (Intermediate)