

Sergio Alejandro Barrios Latorre



PROFESSIONAL SUMMARY

Agroecologist (MSc Agricultural Science), specialist in soil surveys and professional in environmental biology. Eager to apply my knowledge and keep learning in the fields of social and natural sciences.

Experienced in the assessment of agricultural systems and the analysis of environmental information, especially in the fields of soils, limnology and climate.

SKILLS

- Analytical and critical thinking
- Problem-solving
- Communication
- Independent worker
- Team-work
- Responsibility

LANGUAGE SKILLS

- Spanish: First language
- English: Proficient user
- Swedish: Basic user (*Ongoing education*)

DIGITAL SKILLS

- GIS (ArcMap - ArcCatalog)
- Statistical software: PAST, EstimateS, SPSS, Statgraphics.
- CROPWAT
- Microsoft Office

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WORK EXPERIENCE

Grower in cultivation project

Pembert & Company – Alnarp 9. [01/04/2021 – 31/07/2021].
Alnarp, Sweden.

- Support to the restaurant in cultivating their own vegetables which including planning, sowing and harvesting.

Field assistant – Project SamZon

Sveriges lantbruksuniversitet. [10/05/2021 – 06/08/2021].
Alnarp, Sweden.

- Implementation of several field methodologies for the evaluation of the effect of flower strips on biodiversity and ecological functions: soil sampling, pitfall and sticky traps, tiller counts, floral inventory and coverage, leaf suction, and sorting of samples.

Project engineer (Biologist)

Corporación Integral del Medio Ambiente CIMA. [03/01/2017 – 19/07/2019]. Bogotá, Colombia.

- Elaboration of reports for physicochemical characterization of water, hydrobiology and soils.
- Collection of hydrobiological and physicochemical samples from freshwater bodies.

Hydrobiology analyst

Asinal S.A.S. [20/09/2016 – 19/12/2016]. Bogotá, Colombia

- Sampling of hydrobiological biodiversity of freshwater bodies.
- Laboratory analysis of hydrobiological samples.
- Elaboration of reports of hydrobiological characterization.

Field biologist

Ecodes Ingeniería [08/04/2016 – 17/08/2016]. Bogotá, Colombia.

- Collection of primary information for the biotic component (birds) in wetlands of the CAR jurisdiction.
- Processing of information gathered from field work and elaboration of reports.

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EDUCATION AND TRAINING

MSc Agricultural Science (Agroecology Master's programme)

Sveriges lantbruksuniversitet [02/09/2019 – 29/09/2021]. Alnarp, Sweden.

Specialist on Agrological Surveys

University of Bogotá Jorge Tadeo Lozano [01/01/2018 – 01/09/2019]. Bogotá, Colombia.

Environmental biologist

University of Bogotá Jorge Tadeo Lozano [01/01/2010 – 16/04/2015]. Bogotá, Colombia.

PUBLICATIONS

Moncaleano-Niño, A.M., Barrios-Latorre, S.A., Poloche-Hernández, J.F., Becquet, V., Huet, V., Villaminl, L., Thomas-Guyon, H., Ahrens, M.J., Luna-Acosta, A. (2017). Alterations of tissue metallothionein and vitellogenin concentrations in tropical cup oysters (*Saccostrea* sp.) following short-term (96 h) exposure to cadmium. *Aquatic Toxicology*. 185, 160-170. <http://dx.doi.org/10.1016/j.aquatox.2017.02.011>

OTHER MERITS

Scholarship Grant

Sveriges lantbruksuniversitet [17/04/2019]

Loan-Scholarship Program

COLFUTURO [01/09/2019]

Scholarship of Excellence

Universidad Jorge Tadeo Lozano [29/03/2012]

Scholarship of academic excellence

Universidad Jorge Tadeo Lozano [27/11/2014]