

CURRICULUM VITAE

JESSICA SARA SALCEDO BORDA

I. PERSONAL INFORMATION

❖ Surname	:	Salcedo Borda
❖ Names	:	Jessica Sara
❖ Email	:	j.salcedoborda@unesco-ihe.org
❖ Nationality	:	Peruvian
❖ Date of birth	:	6 th January, 1983

II. ACADEMIC FORMATION

August 2013 – Present	PhD in Aquatic Ecosystems UNESCO-IHE, Institute for Water Education
October 2010 – April 2012	MSc. in Environmental Science & Technology UNESCO-IHE, Institute for Water Education
April 2008 – December 2009	MSc. in Environmental Science Agraria La Molina National University
November 2006	Course Development and Evaluation of Public Investment Projects in Sustainable Transportation. ESAN University
May 2006 -September 2006	Technical Course of Specialization in Mine Closure and Environmental Liabilities Pontificie Universidad Catolica del Peru
April 2001-July 2006	Geographical Engineering Specialization in Environmental and Natural Resources Second Position San Marcos National University

III. RESEARCH EXPERIENCE

3.1 UNESCO-IHE, Institute for Water Education October 2011 – April 2012

It is the largest water education center worldwide, is responsible for research, education and capacity building in water issues, environment and infrastructure. Together with Egerton University in Kenya have been working on the project named *MaraFlows*, which main objective is study the relationship between flow and key ecosystem processes, including nutrient regimes and energy in the river that flows into Lake Victoria.

Post: Research Fellow

Main Task:

- A proposal for the research for the study "*Effect of the quality of organic matter in the ecosystem metabolism upper Mara River Basin, Kenya*"
- Perform sampling and laboratory analysis of nutrients, organic matter, primary production, among others.
- Approved research study.

IV. TEACHING EXPERIENCE

4.1 SAN MARCOS NATIONAL UNIVERSITY - Economy Faculty September 2012 – June 2013

The largest university of Peru, autonomous and democratic generator and disseminator of scientific, technological and humanistic; committed to the country's sustainable development and environmental protection; forming leading professionals and researchers competent.

Post: Lecturer on Environmental Impact

Main Task:

- Lecture and prepare Teaching materials.
- Promote the active participation of the students and conduct workshops.
- Examination and evaluation of the students, and controlling the advance of the students.

4.2 SAN MARCOS NATIONAL UNIVERSITY (Faculty of geological, mining, and geographic engineering) August 2012 – December 2013

Post: Assistant lecturer on Environmental Impact

Main Task:

- Lecture and prepare Teaching materials.
- Promote the active participation of the students and conduct workshops.
- Examination and evaluation of the students, and controlling the advance of the students.

V. WORK EXPERIENCE

5.1 MINISTRY OF ENERGY AND MINES- PERU October 2012 - April 2013

Authority in the environmental issues related to mining and energy activities. The Ministry is in charge of promoting sustainable development of energy and mining activities, encouraging private investment in a competitive global context and preserving the environment.

Post: Environmental Evaluator

Main Task:

- Assess and evaluate the implementation of the legal framework.
- Assess Environmental Management Instruments of electrical projects (Environmental Impact Assessments, between others).
- Develop, participate and support the development of studies and reports on policy issues.
- Participate in the continuous improvement of the Peruvian legislation.
- Evaluate complaints regarding the violation of environmental regulations.
- Participate in the development of standards, procedures and guidelines relating to environmental matters electrical projects.
- Carry out activities related to the dissemination and training on environmental issues.
- Integrate specific working group's commissions.

5.2 NATIONAL ENVIRONMENTAL FUND - FONAM August 2005 – September 2010

FONAM is an environmental fund created by a congress law, but ruled under the private regimen. It is a non-profit institution of public and social interests, with the objective of promote and support

the financing of public and private investment in environmental projects, as well as support the financing of the environmental policy and environmental management of the country.

Posts: Mining Environmental Legacies Specialist

Main Task:

- Supervision of environmental remediation work of five Tailings "El Dorado", located in Arascorgue River Basin in Cajamarca region.
- Supervision of environmental remediation work of five Tailings "El Dorado", located in Arascorgue River Basin in Cajamarca region.
- Monitoring and technical review of the study "Detailed Engineering for Environmental Closure of five tailings El Dorado, Hualgayoc province, Cajamarca".
- Participation in the elaboration of the Project "Environmental Closure of five tailings El Dorado", at Profile level within the National System of Public Investments.
- Participation in the elaboration of the Project "Environmental Closure of five tailings El Dorado", at Pre Feasibility level within the National System of Public Investments.
- Elaboration of the study "Management of Abandoned Mining Environmental Legacies in Huancavelica Region".
- Planning and Developing Social workshops related to the study "Management of Abandoned Mining Environmental Legacies in Huancavelica Region".
- Monitoring and technical review of the Study "Design of Acid Water Treatment Plant in Sinchao River, Cajamarca region".
- Monitoring and technical review of the study "Inventory, diagnostic and Prioritization of Environmental Mining Legacies in Llaucano River Basin, Hualgayoc Province, Cajamarca region".
- Support in the implementation of the project "Landfill Construction in Acobamba region" within the National Public Investment System.
- Supervision and Monitoring of the agreements signed with the National Environmental Fund-FONAM, as part of the environmental remediation of mining environmental legacies.

5.3 GEOGRPHICS & ENVIRONMENTAL SERVICES S.A.C.

December 2006

National Consulting Company dedicated to the assessment and analysis of the different components of the Environmental and Natural Resources of the country with the capacity to provide technical reports, contributing to sustainable development and socio-economic welfare in general.

Area: Environmental Unit

Main Task: Support in develop of Environmental Impact Assessment in Mining and Hydrocarbons Projects.

5.4 NATIONAL GEOGRAPHIC INSTITUTE

February – November 2004

It is a national institution which is responsible for developing and updating the official cartography of Peru, charged of planning, directing and implementing the activities related to geomantic, which require public and private entities, for development purposes and national defense.

Area: Geographic Information Systems Unit.

Main Task: Operator in Geographic Information Systems

VI. GRANTS & AWARDS

- 2013 Schlumberger Foundation – Faculty for the Future Program to do PhD Aquatic Ecosystems
- 2010 Joint Japan/World Bank Graduate Scholarship Program (JJ/WBGSP) to do Master in Environmental Science & Technology at UNESCO-IHE, Institute for Water Education, The Netherlands
- 2009 Japan International Cooperation Agency-JICA to do Training Programme of Young Leaders in Environmental Conservation in Japan

VII. CLUBS AND PROFESSIONAL SOCIETIES

- Engineering School of Peru (www.cip.org.pe)
- National Investigators Register from National Council for Science and Technology-Peru (www.concytec.gob.pe)