

# Genevieve BEAULAC, Environmental and Social Expert

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Canadian | Fluent in English, French, Portuguese and Spanish

## Summary of qualifications

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- 15 years of experience in environmental assessment, biodiversity conservation and sustainability.
- Excellent knowledge of benchmarking projects with World Bank, IDB Safeguards, IFC Performance Standards (PS) and WB Environmental Health and Safety Guidelines.
- Excellent know-how in helping clients to implement Environmental and Social Management System (ESMS) aligned with ISO 14 001.
- Applied experience in the development of mitigation measures for complex projects and elaboration of Environmental and Social Action Plan (ESAP).
- Robust experience in project management and compliance monitoring of operations financed by the Clean Technology, the Climate Investment Fund and the GEF Trust Fund.
- Strong sectorial experience in renewable energy, mining, and infrastructures projects.
- Solid experience in policy dialogue with governments in the elaboration of countries's strategies.
- Strong analytical, leadership, negotiation, teamwork, communication and report writing skills.

## Work Experience

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**INTERNATIONAL FINANCE CORPORATION (IFC)** | Environment, Social and Governance Department |  
**Environmental and Social Consultant (on a yearly retainer)** | July 2016 to date

- Conduct environmental/social appraisals of infrastructure projects in EMENA region.
- Develop training material for investment officers on hydro and wind power project's environmental and social impacts and management best practices
- Designed a due diligence framework for environmental and social issues with small hydro projects.
- Prepared and delivered training workshop for officials of Podgorica, Montenegro.
- Prepared the Stakeholder Plan and the Land Acquisition Plan for projects in Montenegro and Albania.

**CPCS (Canadian-based consulting firm)** | October 2017 to date

**Environmental and Social Consultant** retained for the Project "Strategy & Action Plan Development for the Senegal Energy Sector" (financed by the Millennium Challenge Corporation).

- Analyze the energy policies and institutions from the perspective of environmental, health and safety and resource efficiency, natural resource conservation and pollution prevention.
- Contribute to the integration of environmental and social considerations into the national energy strategy options on the long term (2035).

**MGM Innova Capital (private equity fund)** | March 2018 to date

**Environmental and Social Consultant** retained to conduct the due diligence of renewable energy projects in Latin America part of the MGM Sustainable Energy Fund (75 M).

- Preparation of Environmental and Social Action Plans (ESAP) for hydropower projects in Colombia.

**INTER-AMERICAN DEVELOPMENT BANK** | Environmental Safeguards Unit– Energy Cluster | Washington, DC  
**Senior Environmental Specialist** | February 2010 – March 2016

- Led the due diligence approach to assess and manage environmental and social risks of infrastructures projects.
- Reviewed environmental impact assessment (EIA) of projects and conducted a gap analysis.
- Developed management/corrective plans to mitigate impacts and address non-compliance issues.
- Provided guidance to clients on environmental/social risks management and ESMS implementation.

- Devised appropriate environmental and social requirements in the loan proposal.
- Developed knowledge and capacity-building products on social and environmental sustainability.
- Led monitoring and supervision of compliance of projects and technical cooperation.
- Prepared technical cooperation for projects and programs that respond to Country Strategies and research needs of Bank's financed projects on renewable energy and climate change adaptation.
- Recruited senior candidates in the Infrastructure and Environment Sector (Division of Energy and Division of Environment and Rural Development) as a Recruitment panel's member.
- Provided coaching and mentoring to junior staff and consultants.
- Coordinated the completion of environmental impacts assessment study by team of specialists.

**EXPORT DEVELOPMENT CANADA (EDC) | Environmental Advisory Services | Ottawa, Canada**

**Environmental specialist | January 2007-2010**

- Led environmental/ social due diligence of projects in the mining, forestry and, infrastructures sectors.
- Prepared reports to assist EDC's Senior Executives in formulating and implementing corporate strategies in the mining (Peru and DRC) and forestry sectors (Guyana and Indonesia).
- Conducted corporate environmental and social risk assessment reviews.

**GOLDER ASSOCIATES (environmental engineering firm) | Global**

**Environmental and social specialist | 2006-2007**

- Conducted environmental/social baseline surveys and public consultation for Environmental Impact Assessment (EIA) of wind farms and infrastructure projects.
- Produced a guideline on best social practices related to mine closure for a Brazilian company.

**QUEBEC'S ASSOCIATION OF IMPACT ASSESSMENT | Montreal, Canada**

**Consultant | 2005-2006**

- Developed and expanded a web reference database on environmental follow-up studies.

**INTERNATIONAL RELATIONS DEPARTMENT (Government of Québec) | Minas Gerais, Brazil**

**Consultant | 2003**

- Assessed avenues of cooperation between the state of Minas Gerais and the province of Québec.
- Marketed Québec's environmental expertise in the hydropower and waste management sectors.

**UNIVERSITÉ DE MONTRÉAL / ECOLE POLYTECHNIQUE | Montreal, Canada**

**Project Coordinator, Researcher, Course lecturer | 2000-2005**

Active member of a research group on adaptation to environmental changes (watershed management in China, adaptation of the agricultural sector to climate change). Preparation of a Strategic Environmental Assessment (SEA) Training Manual for Chinese officials. Participated and helped in the SEA training in Beijing and Tianjin, China. Implemented and coordinated a field course and internships program in Brazil for Geography B.Sc. students in 2003 and 2005. Taught courses on environmental impact assessment and natural resources management.

**Education**

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**VIENNA UNIVERSITY OF ECONOMICS AND BUSINESS | Executive Academy | Vienna, Austria**

- **Professional MBA** in Project Management | Started October 2017 (part time)

**UNIVERSITÉ DE MONTRÉAL | Department of Geography | Montreal, Qc**

- **Ph.D.** Environmental Geography | 2008 | Thesis title : *Private sector and biodiversity conservation in Brazil, an assessment of partnerships in protected areas management*
- **M.Sc.** Environmental Geography | 2001 | Thesis title: *Local communities and biodiversity conservation in protected areas of Brazil*

**MCGILL UNIVERSITY** | Faculty of Arts and Science | Montreal, Qc

- **Diploma** in Environment | 1999
- **B.A.**, Major in Geography | Minor in International Development Studies | 1997

*Awards granted:*

- Scholarship for female leaders (5,000\$), Vienna University of Economics and Business
- International Development Research Center (IDRC), Doctoral Research Award (25,000\$)
- Canadian International Development Agency, Innovative award (10,000\$)
- Faculty of Graduate studies, Awards of Excellence (3), (15,000\$)
- Canada Post, Awards of Excellence Award (3), (9,000\$)

## **Selected assignments**

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### **Project's Due Diligence and Monitoring**

**Eolica del Sur, Wind power project, (cat A), Mexico, 2011-2016.** Led the environmental and social due diligence of the project. Strengthen the client's approach with affected communities by designing and guiding the whole consultation process. Elaborated the mitigation measures for birds and bats.

**Hidro Ituango, Hydro power plant, (cat A), Colombia, 2012-2016.** Led the due diligence. Project involved physical/economic displacement, aquatic endangered species, ecological flow, political conflicts and, health and safety issues.

**Alto Maipo, Hydro Power Plant (cat A), Chile, 2014-2016** (co-financed with IFC). Conduct environmental monitoring of the project, benchmarking against IFC Performance Standards. Project involved numerous Indigenous People issues, health and safety weaknesses and biodiversity related impacts.

**Eurus (Cat A) & La Ventosa (cat B), Wind power projects, Mexico, 2010-2016.** Monitored the project environmental performance. Led a team of birds and bats experts to develop corrective action plans to curb fatalities and, supervised the testing of innovative mitigation measures.

**Patuca 3, Hydro power plant, (cat A), Honduras, 2012-2013.** Led the due diligence. Identified severe environmental and social gaps in the EIA. Prepared environmental and social management plans to minimize impacts on terrestrial and aquatic biodiversity and on affected local communities. Supported and monitored the land acquisition and livelihood restoration plan.

**Sur Lipez, Geothermal power plant and power line (cat A), Bolivia, 2011-2016.** Led the due diligence. Project involved critical natural habitat, water availability and potentially significant impacts of flamingo's collisions with future transmission line. Developed a comprehensive research program to understand flamingos population's dynamics and flight patterns. Drafted a biodiversity offset plan.

**Gold mining projects (various), (cat A), Tanzania, 2007-2009.** Evaluated the environmental and social monitoring program of the projects. Main issues included: weak water and tailings management, unclear resettlement framework, poor influx management, and livelihood restoration program.

**Kouilou, Potash mining plant, (cat A), Republic of Congo, 2007- 2009.** Led the environmental and social due diligence of the project. Strengthened the resettlement framework, the public consultation process and the environmental management system. Provided technical guidance to the client to align the Project with IFC Performance Standards.

### **Technical assistance and Capacity building activities**

**Technical input to Country strategies of Honduras, Bolivia, Nicaragua, and Mexico, 2010-2016.** Formulated list of required improvements to the regulatory framework and identification of capacity building needs. Focused on protected areas, climate change adaptation and benefits for local communities.

**Scaling-Up Renewable Energy in Low Income Countries Program (SREP) in Honduras, 2013-2016.** Developed a program to promote best practices in the environmental and social sustainability of renewable energy projects in the country. Developed a tool kit for project developers to address community concerns.

**Technical input to the Geothermal Risk Mitigation Program (MIRIG) in Chile, 2014-2016.** Technical cooperation (TC) to leverage financing of geothermal energy in Chile through the Clean Technology Fund. Supported the team in screening environmentally and socially sustainable projects. Designed the environmental compliance framework for the projects and elaborated the mitigation measures.

**Evaluating impacts of a power line on flamingo's population – A critical natural habitat assessment, Bolivia, 2011-2016 (linked to Sur Lipez geothermal project) - Technical cooperation of 200,000.00 USD granted.** Designed and led the research protocol to nurture the decision making process with respect to a significant conversion of critical natural habitat. Prepared the entire ToRs to understand population dynamics, flight patterns and mortalities of flamingos due to collisions. Designed and implemented a satellite tracking monitoring program of flamingos. Hired and supervised the expert's consultants.

**\* Innovative award granted in 2014 by the Bank (Category: Solutions in operations)**

**San Jacinto community water rehabilitation project. Nicaragua, 2011.** Prepared with the investment officer and the Austrian Development Bank (OeEB) a proposal for the IDB AquaFund to ensure clean water supply to 680 households, improve sanitary conditions and reduce vulnerability to natural disasters. Monitored compliance of the operation. USD650,000\$ granted.

#### **Development of knowledge products and dissemination/training activities**

**January 2016. Guest Speaker.** *Efficiency and results of mitigation measures to tackle birds/bats fatalities in Mexico.* Presentation at the World Bank, International Association of Impact Assessment (IAIA).

**October 2015. Seminar organizer. Wind power challenges and solutions.** Organized a seminar for environmental practitioner to discuss wildlife issues associated with wind power and mitigation measures.

**April 2015. Conference speaker.** *Tackling birds/ bats fatalities.* IAIA Annual Congress, Firenze, Italy.

**September-November 2014. Technical input on wind energy and wildlife issues.** Invited to provide technical input for the elaboration of the new Environmental, Health and Safety (EHS) Guidelines for Wind Energy by the World Bank Group. Input provided on :Biodiversity, Mitigation measures (onshore projects) and Operation phase biodiversity monitoring.

**October 2014. Guest Speaker.** *Andean flamingos and interactions with transmission lines – Understanding flight patterns and collision risks in Bolivia.* Third international symposium on flamingos, San Diego, USA.

**2013. Post-construction monitoring protocol for birds and bats, Technical Guidance note. IDB.** Elaborated a Technical cooperation to develop a standardized protocol and methodology for the monitoring of impacts on birds and bats of wind energy projects. Prepared the ToR. Hired and supervised the experts.

**2012. Conference Speaker.** *Developing geothermal energy in Latin America – an overview of environmental challenges through case studies.* World Bank, IAIA Washington Branch.

**2012. Conference Speaker.** *Managing cumulative effects of cascade hydropower development – and IDB approach on wind power and current challenges.* IAIA Annual congress, Porto, Portugal.