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**David Solis**

**Education**

Doctoral Student, North Carolina State University, USA, 2012-to now

 Program: Forestry and Environmental Resources

MSc, Economics, Universidad de Chile, Santiago, Chile 2005

BSc, Economics, Universidad Nacional Hermilio Valdizan, Huánuco, Perú, 2002

**Fellowship and Awards**

* Fulbright Scholarship for doctoral studies.
* Scholarship for master studies from Belgian Development Agency
* 2016 research grant from Economics and Social Research Consortium (Peruvian Think Thank) to research about the impact of forest concession field inspection on compliance of Peruvian forestry law.

**Publications**

Impacto de las supervisions de las concesiones forestales en el cumplimiento de la Ley Forestal en el Perú.

http://www.cies.org.pe/sites/default/files/investigaciones/informe\_final\_-\_estudio\_de\_supervision.pdf

Financiamiento Ambiental y Climático para los Gobiernos Regionales 2015 – 2018

http://www.cies.org.pe/sites/default/files/investigaciones/019david\_solis.pdf

Financiamiento Ambiental y Climático en el Perú 2010-2014, in Press.

Guía para la elaboración de una línea de base de la minería a pequeña escala. with Maximo Torero, Juan José Diaz and Juana Kuramoto; Canadian International Development Agency; 2010.

http://www.minem.gob.pe/minem/archivos/file/institucional/regionales/publicaciones/guia-linea-de-base.pdf

**Professional Experience**

**March 2015 to July 2016.**

Center for International Forestry Research – CIFOR

Global Comparative Study on REDD+

**Consultant in Impact Evaluation of REDD+ Initiatives**

Duties:

* Provide Technical support to analyze household and village data on subnational REDD+ initiatives of Poverty and Environmental Network project:
* Analysis of patterns and drivers of attrition and migration
* Assessment of the extent and patterns in missing values
* Evaluation of balance on key variables across intervention and control villages at the site, country, and continental levels
* Recommendations for constructing a matched sample
* Pilot those recommendations for a sub-set of sites (or for a sub-set of interventions and outcomes across all sites) to be identified with collaborators at CIFOR.
* Produce co-authored papers to be published in peer review journals

**November 2011 to April 2012**

**CONSULTANDES – USAID**

The project had the goal to provide empirical evidences of negative impact of illegal crops (coca) and drug trafficking over society.

**Environmental researcher**

Duties:

* Develop the theoretical framework to quantify Greenhouse Gas Emission generated by illegal crops (coca).

**January 2011 – September 2011**

**National Forest Conservation Program - Environment Ministry, Peru**

The program is implementing a scheme of economic incentives (cash transfers) to promote forest conservation by indigenous communities.

**Monitoring and Evaluation Specialist**

Duties:

* Design impact evaluation of conditional cash transfers for forest conservation by indigenous communities.
* Design of baseline study of Native Communities involved in cash transfer scheme.
	+ Questionnaire design
	+ Sample selection in collaboration with Statistical Peruvian Agency (INEI)
* Design monitoring system for the Program.
* Develop procedures for implementation of cash transfers.
* Prepare technical documents recommending how to target interventions on indigenous communities.
	+ Evaluating the minimum amount of forest to be part of the program.
	+ Elaborating the ranking index to select indigenous communities for intervention using factorial analysis technique.

**August 2008 – April 2010**

**Chemonics – branch office Peru, Alternative Development Project**

The project supports the process of economic and social development of rural communities that previously dedicated to illegal crops.

**Monitoring and Evaluation Specialist**

Duties:

* Designing and implementing of baseline studies of productive projects: coffee, cacao and palm for oil.
* Elaborating statistical reports on progress of projects under the program.

**Baseline Studies:**

* Perceptions on illegal crops problem and licit life in the cities of Tarapoto, Lamas, Juanjui, Tocache, Aucayacu, Tingo Maria and Pucallpa Aguaytia.
* Agricultural Diagnostic of Puerto Inca province, Huánuco region.

**August 2006 – March 2008**

**Energy and Mining Ministry – PERCAN Project.**

The project was implemented by an agreement between the Peruvian government and the Canadian government. This project supported the Ministry of Energy and Mines in the activities of Environmental Management, Information Technology and Decentralization Process of the Mining Sector.

**Consultant of Small Scale Mining**

Duties:

* Designing, planning and implementation of baseline study of informal mining in Moquegua, Pasco and La Libertad.

**Working papers:**

* Mapping Informal Mining in Peru.
* Value chain around the informal mining in Peru.
* Cluster Analysis of informal mining in Peru.
* Formalization Cost of informal mining in Peru.
* Household characteristics of informal miners in Peru.

**March 2003 – February 2004 and January 2006 – July 2006**

**Group of Analysis for Development (GRADE)**

GRADE is a research center, founded in 1980, dedicated to studies of economic, educational, environmental and social areas relevant to the development of Peru and other Latin American countries. The research results are disseminated to policy makers.

**Research Assistant**

Duties:

* Supporting Impact Evaluation design of programs or projects evaluated.
* Quantitative and statistical analysis of economic problems.
* Handling databases: National Household Survey, National Survey on Living Standards (NSLS), Permanent Employment Survey, the National Rural Electrification Survey, National Agricultural Survey, Survey on small and micro credit medium enterprises.

**Baseline Studies:**

* Agricultural Information System - Agriculture Ministry.
* Energy and Mining Regional Agencies - Energy and Mining Ministry.
* Local governments (provinces and towns).

**Economic and impact evaluation studies worked:**

* Provision of public services and welfare of the poor: learning from an incomplete electricity privatization process in rural Peru.
* Heterogeneity of local government (province and towns) and the decentralization process.
* Beautiful or White?: Discrimination in Group Formation

**Publications**

**Working papers**

“Dismissal costs and inefficiency of the Labor Market. Peru, labor reforms of 1996”; Universidad de Chile; 2006

“Impact of the labor reform of the 90's in the wages of formal workers in Peru: Flexibility in the use of temporary contracts”; Meeting of the Chilean Economist society; 2005.

“Are talent students in the right place?: An analysis of income, conditional on the regime of the university”; Meeting Annual of Economists from Central Bank of Perú; 2005.

**Teaching Assistant**

2010

Universidad Nacional Hermilio Valdizan, Huánuco, Perú

Master in Environment and Sustainable Development

Third Semester

* Environmental Economics

2011

ESAN – Graduate School of Business

Project to develop skills of Regional Governments’ officials

* Economic valuation of Natural Resources

**Computational Skills**

Database management and analysis: STATA (Expert), SPSS (Basic)

Mathematical programming : MATLAB (Intermediate)

Spatial Statistics : R (Intermediate)

Geospatial Data : ARGIS (Basic)

**Languages**

English : Fluent