

Andrea Bonilla Bolaños

Birth on August 7, 1984. Franco-Ecuadorian.

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Current position

Teaching and Research Temporary Attached (ATER) 2015-2016 ATER full time contract, University of Lyon 2.

Research Fields: Macroeconomics, monetary policy, Latin America, economic integration, time series models.

Education

- 2011-2015 **PhD**, in *Economics (mention très honorable avec félicitations du jury)*, Dissertation: "A step further in the theory of regional economic integration: a look at the Unasur's integration strategy", University of Lyon 2, Lyon-France.
- 2011 **Master**, *Master II Money, finance and governance (mention très bien)*, ENS of Lyon, Lyon-France.
- 2002-2008 **Engineering**, *Engineer in Economic and Financial Sciences (best score)*, National Polytechnic School of Ecuador, Quito-Ecuador.

Teaching experience

- **Lecture Course** : International Economics. Lecturer, third year-undergraduate. Fall 2015. 30h. University of Lyon 2.
- **Teaching assistant**: Macroeconomics. Supervised works responsible, first year-undergraduate. Fall 2015. 63h. University of Lyon 2.
- **Teaching assistant**: Microeconomics. Supervised works responsible, first year-undergraduate. Winter 2015. 63h. University of Lyon 2.
- **Teaching assistant**: Problems in International Economics. Supervised works responsible, first year-undergraduate. Winter 2015. 48h. University of Lyon 2.
- **Teaching assistant**: Microeconomics. Supervised works responsible, first year-undergraduate. Winter 2014. 42h. University of Lyon 2.
- **Teaching assistant**: Problems in International Economics. Supervised works responsible, first year-undergraduate. Winter 2014. 21h. University of Lyon 2.
- **Teaching assistant**: Microeconomics. Supervised works responsible, first year-undergraduate. Winter 2013. 63h. University of Lyon 2.
- **Teaching assistant**: Microeconomics I and II, Macroeconomics I, Economics Elements, undergraduate. September 2008 - July 2010. National Polytechnic School of Ecuador.

Research activities

Publications

- "External vulnerabilities and economic integration: Is the Union of South American Nations a promising project?", *Journal of Economic Development*, vol. 39(2), pages 97-131, June 2014.

Working Papers

- "Initiative for Infrastructure Integration in South America: Way toward Regional Convergence", GATE Working Paper No. forthcoming (2015).
- "An Examination of the Convergence in the Output of South American Countries : The Influence of the Region's Integration Projects", GATE Working Paper No. 1424 (2014).
- "External vulnerabilities and economic integration. Is the Union of South American Nations a promising project ?" GATE Working Paper No. 1238 (2012).
- "Symmetry of External Shock responses within the Andean Community of Nations : A SVAR Approach", GATE Working Paper No. 1140 (2011).

Research projects in progress

- Infrastructure stock and real convergence in developing countries. A welfare analysis, with R. Aloui.

Other research works

- "External Shocks Impacts in CAN's Countries. A SVAR Approach". Final master's research work.
- "Technical - Historical Analysis of the Labor Market and the Feasibility of Eliminate the Intermediation as an Alternative to Improve the Quality of Employment (2000 – 2006)". Final engineering work.

Conferences presentations

- "Convergence in South American countries' output"
 - 63th congress of the French Economics Association (AFSE), Lyon, France, 16-18 June 2014.
- "External vulnerabilities and economic integration: Is the Union of South American Nations a promising project?"
 - INFINITI Conference on International Finance, Sciences Po – Aix-en-Provence, 10-11 June 2013.
 - 62th congress of the French Economics Association (AFSE), Aix-en-Provence, France, 23-26 June 2013.
 - Internal seminar of the economics laboratory GATE, January 8, 2013.
- Symmetry of External Shock responses within the Andean Community of Nations : A SVAR Approach
 - 9èmes Doctoriales MACROFI, Montesquieu University – Bordeaux IV, March 2012.
 - Internal seminar of the economics laboratory GATE, January 2012.
 - Internal seminar, Science Faculty of the Polytechnical School of Ecuador, August 2011.

Foreign research visiting

July-August 2014 **Research visiting**, at Universidad Andina Simon Bolivar del Ecuador, Quito-Ecuador.

August-Dec. **Research visiting**, supervised by Michel Normandin professor of the HEC of Montreal. CIRPEE (Centre Universitaire sur le risque, les politiques économiques et l'emploi) Applied Economics Institute - HEC de Montreal, Montreal-Canada.

22-29 July **Summer School**, "*Advanced summer school in economics and econometrics*", 2012 Hosted by Bruce E. Hansen (Department of Economics, University of Wisconsin-Madison), University of Crete-Economics Faculty, Crete-Greece.

Financing

2014 ATER contract, University of Lyon 2 (1 year duration).

2013 Explora'doc: Rhône Alpes scholarship for international visiting (4 months duration).

2012 International mobility scholarship of the Ecuadorian government (IECE-Instituto de Crédito Educativo y Becas).

2011 Research contract, University of Lyon 2 (3 years duration).

Skills

Languages French: bilingual, English: fluent, Spanish: mother tongue

Computational Statistics and econometric: RATS (time series), Eviews, SPSS, Matlab, Dynare, GAUSS(notions). Text edition: Latex, Open Office, Microsoft Office (Word, Excel and Power Point).

Other

Member of "Conexión Iberoamericana – Latin American Connection", a group comprised of 110 ex – scholarship holders of Ibero-American Youth Leadership Program, since July 2009
<http://conexioniberoamerica.wordpress.com>

Recent research works' abstracts

Initiative for Infrastructure Integration in South America: Way toward Regional Convergence

This paper studies how the public provision of transportation infrastructure impact output convergence and trade integration in a two-country dynamic general equilibrium model in which the transportation cost between countries is endogenously determined by the stock of public infrastructure in both countries. Because of its particular conception, the so-called "*Initiative for the Integration of Regional Infrastructure in South America (IIRSA)*" serves as the case study. Data from Argentina and Brazil is thus used to solve the model. Two main results emerge. First, increasing public investment in infrastructure provides an impetus to commercial integration but does not necessarily generate output convergence. Second, the model shows that the only way for the two countries to achieve output convergence (in a win-win economic growth scenario) is to coordinate their increments on public infrastructure, as proposed by IIRSA.

An Examination of the Convergence in the Output of South American Countries : The Influence of the Region's Integration Projects

Since 2000, South American economies have undertaken several regional projects to eliminate socioeconomic inequalities and improve citizens' living standards. This evaluates the convergence in real GDP per-capita, as a suitable proxy measure, of 10 Unasur members, namely Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Peru, Uruguay, Paraguay, and Venezuela, for the period 1951–2011. By relying on cointegration techniques and applying Bernard and Durlauf's (1995) stochastic definitions of convergence and common trends, the presented evidence supports the existence of common long-run trends driving output in South America, meaning that the region is involved in a dynamic process of convergence in living standards.