

CURRICULUM VITAE

Araar Abdelkrim

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Dr. Araar has worked as a consultant for several international institutions, such as the World Bank and the United Nations. He has developed a great expertise in the economics of development through his fundamental and empirical researches for more than twenty years. He has provided training sessions in many developing countries. He is the co-author, with Jean-Yves Duclos, of the book “Poverty and Equity: Measurement, Policy and Estimation with DAD”, which was published by Springer. Many of his papers have been published in international journals. He is also the author of the DAD software, as well as, the SUBSIM and DASP Stata packages.

Academic distinctions

1996	<i>Scholarship for Excellence in Economics</i> offered by CREFA (Research Centre in Applied Economics and Finance).
1990	Government scholarship for training in economics abroad (<i>Rated first at the national level</i>).

Study and Diploma

1993 - 1998	Ph.D. in Economics, Laval University.
1991 - 1993	Master's degree in Economics, Sherbrooke University.
1986 - 1990	Bachelor's degree in Economics (finance), University of Alger.

Fields of Specialisation

I	Public Economics (Welfare Economics)
II	International Economics

Professional Experience

- **Consultant** for the World Bank and UNDP
- **Deputy Network Leader** in the PEP network *Poverty and Economic Policy* (PEP/PMMA)
<http://www.pep-net.org>

1998-up to now	Department of Economics, Laval University.
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Consultant

02-2012-at present	World Bank (Consultant) Subsidy reforms: A tool-kit for policy simulations // Poverty and Economic Shock Analyses in Developing Countries. Etc.
09-2011	UNDP-NAMIBIA // CBS NAMIBIA Poverty and inequality profiles in Namibia: An update with the UNHS 2009/2010 survey.

08-2011	Inter-American Development Bank Research project: Pro-poor growth in Andean countries
11-2010	UNDP-NAMIBIA // CBS NAMIBIA Training on Stata, DASP and poverty and inequality, Namibia 29-26 November
07-2010	AIAE Workshop on econometric analysis using Stata, Enugu, Nigeria, 26-31 July 2010
06-2010	UNDP-PEP Workshop on poverty and social impact analysis, Dakar, Senegal, 8-12 June 2010
04-2010	UNDP-UGANDA Workshop on Stata, DASP, Statistical Inferences and Econometric Analysis Kampala, Uganda, 12-18 April 2010
04-2009	UNDP Training on poverty and inequality with DASP, Uganda
05-2008	UNDP Training on poverty and inequality with DAD, Namibia
04-2007	World Bank Training on Stata, DASP and DAD, Algeria
03/06-2006	World Bank Developing the DASP (Distributive Analysis STATA Package).
05-2005	World Bank Training on poverty dynamics, Algeria
03-2004	World Bank Training on poverty and inequality analysis, Algeria
03/2004 /06-2004	World Bank Supervisor for studies <i>on Marginal tax reform and distributive analysis</i> (Burkina Faso, Cameroon and Benin)
09/2000	CRDI Advisor for the MIMAP Research Network Meeting in Palawan, Philippines
02/2000 /06-2000	World Bank Training material for the software DAD

Training of researchers

2017, February	Workshop on Stata, the distributive analysis and the tax reforms. 20-24 February, 2017, Nouakchott, Mauritania , World Bank.
2013, February	Workshop on Evidence-Based Social Protection, <i>Labor income and social protection analysis</i> , February 24-28, 2013, Doha, Qatar Ministry of Social Affairs, GSDP.

2012/13/14 , June	PEP Intensive Graduate School in Development Economics Microeconomic Analysis of Welfare and Policy, Quebec, Canada
2010, July	Araar, Abdelkrim, Workshop on econometric analysis using Stata Enugu, Nigeria , 26-31 July 2010
2007, June 09-10	Araar Abdelkrim and Jean-Yves Duclos; (2007) <u>Poverty dynamics</u> PEP-PMMA training workshop, Lima, Peru , June 9-10, 2007.
2006, February 16-17	<u>Poverty and Equity: Measurement, Policy and Estimation with DAD</u> , PEP-PMMA training workshop Addis Ababa (Ethiopia) June 16-17, 2006.
2002 June 17-22	Monitoring, Measurement & Analysis (PMMA) TRAINING WORKSHOP POVERTY.
2002, February 5-8	PMMA Training Workshop on Public Expenditures, Poverty and Equity.
1999 September 01-22.	MIMAP- Training Workshop. University Laval, Canada.
1998 August 01-30.	MIMAP- Training Workshop. University Laval, Canada.

Research Supervision

1998	The profile of Poverty and Inequality in Benin. Program MIMAP Africa.
1998	The profile of Poverty and Inequality in Burkina Faso. Program MIMAP Africa.
1999	The profile of Poverty and Inequality in Cameroon. AERC Collaborative project.
2002-at present	Mentor of a series of PEP-PMMA Research projects : https://www.pep-net.org

Scientific Contributions

1999 - 2008.	<u>Developing the software DAD</u> (Distributive Analysis/Analyse Distributive), MIMAP- Training. http://dad.ecn.ulaval.ca
2006- 2012	<u>Developing DASP</u> (Distributive Analysis Stata Package) http://dasp.ecn.ulaval.ca
2012-2016	<u>Contribution in Developing SUBSIM</u> (Subsidy Simulator Stata Package) http://www.subsim.org

Lecturer

ECN- 06958	Poverty and economic development, Laval University.
ECN- 11484	Microeconomic principles, Department of Economics, Laval University.

GSE- 11906	Economics of Firms, Department of Administration, Laval University.
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Assistant Lecturer

1995 GSE-10126	International Economic Environment. Department of Administration, Laval University.
1993 ECN-11485	Macroeconomic principles, Department of Economics Laval University.
1993 ECN-11487	Macroeconomic Theory, Department of Economics, Laval University.
1995 ECN-63722	Macroeconomic Theory. Department of Economics, Laval University.
1994 ECN-61600	Introduction to Econometrics. Department of Economics, University of Sherbrooke.
1993 ECN-454	Microeconomic Theory. Department of Economics, University of Sherbrooke.
1992 ECN-115	Initiation to Computer Sciences and Economic Statistics. Department of Economics, University of Sherbrooke.

Publications

Book(s)

- Duclos, Jean-Yves; **Abdelkrim Araar** (2006) Poverty and Equity: Measurement, Policy and Estimation with DAD, Berlin and Ottawa: Springer and IDRC.
- Paolo Verme, **Abdelkrim Araar** (2017), The Quest for Subsidies Reforms in the Middle East and North Africa Region: A Microsimulation Approach to Policy Making, Springer

Published papers

- Luis Huesca Reynoso & **Abdelkrim Araar**, 2016. "*Comparison of fiscal system progressivity over time: theory and application in Mexico*," Estudios Económicos, El Colegio de México, Centro de Estudios Económicos, vol. 31(1), pages 3-45.
- Luis Huesca. & Arturo Robles Valencia. & **Abdelkrim Araar.**, 2015. "*Redistribution of Taxes and Benefits in Mexico: Evaluation of the 2014 Fiscal Reform on Households*," Economía: teoría y práctica, Universidad Autónoma Metropolitana, México, vol. 43(2), pages 103-131, Julio-Dic.
- Verme, Paolo & El-Massnaoui, Khalid & **Araar, Abdelkrim**, 2014. "*Reforming Subsidies in Morocco*," World Bank - Economic Premise, The World Bank, issue 134, pages 1-5, February.
- Sami Bibi & Jean-Yves Duclos & **Abdelkrim Araar**, 2014. "*Mobility, taxation and welfare*," Social Choice and Welfare, Springer, vol. 42(3), pages 503-527, March.
- Verme, Paolo & El-Massnaoui, Khalid & **Araar, Abdelkrim**, 2014. "*Reforming Subsidies in Morocco*," World Bank - Economic Premise, The World Bank, issue 134, pages 1-5, February.

- Jean-Yves Duclos & Paul Makdissi & **Abdelkrim Araar**, 2014. "Pro-poor indirect tax reforms, with an application to Mexico," International Tax and Public Finance, Springer, vol. 21(1), pages 87-118, February.
- **Araar, Abdelkrim** & Dissou, Yazid & Duclos, Jean-Yves, (2011). "Household incidence of pollution control policies: A robust welfare analysis using general equilibrium effects," Journal of Environmental Economics and Management, Elsevier, vol. 61(2), pages 227-243,
- **Abdelkrim Araar** & Jean-Yves Duclos, (2010). "Poverty and Inequality: A Micro Framework," Journal of African Economies, Oxford University Press, vol. 19(3), pages 357-398, June.
- Duclos, Jean-Yves, **Abdelkrim Araar** and John Giles (2010), *Chronic and transient poverty: Measurement and estimation, with evidence from China*, Journal of Development Economics, 2010, vol. 91, issue 2, pages 266-277.
- **Abdelkrim Araar** & Jean-Yves Duclos. (2009) "DAD: a Software for Poverty and Distributive Analysis," Journal of Economic and Social Measurement, Volume 34, Numbers 2,3, 175-189
- **Abdelkrim Araar** & Jean-Yves Duclos & Mathieu Audet & Paul Makdissi. (2009) "Testing for Pro-poorness of Growth, with an Application to Mexico," forthcoming in Review of Income and Wealth. 55, n° 4, 853-881.
- **Araar, Abdelkrim**, Jean-Yves Duclos, Mathieu Audet et Paul Makdissi (2007), « Has Mexican growth been pro-poor? », *Social Perspectives* 9, n° 1, mars, 17-47.
- Audet, Mathieu, Paul Makdissi, **Abdelkrim Araar** and Jean-Yves Duclos (2007), « Pro-poor food taxation and subsidy reforms in Mexico », *Social Perspectives* 9, n° 1
- **Araar, Abdelkrim et Jean-Yves Duclos** (2006), « An Atkinson-Gini Family of Social Evaluation Functions: Theory and Illustration Using Data from the Luxembourg Income Study », *Public Finance/Finances Publiques* 54, n° 3/4, 191-209.
- **Araar, Abdelkrim**, Jean-Yves Duclos et François Blais (2005), « Effets redistributifs d'un régime d'allocation universelle : une simulation pour le Québec », *Actualité Économique* 81, n° 3, septembre, 422-484.
- **Abdelkrim Araar** & Jean-Yves Duclos, (2003). "An Atkinson-Gini family of social evaluation functions," *Economics Bulletin*, vol. 3(19), pages 1-16.
- Duclos, Jean-Yves, Vincent Jalbert and **Abdelkrim Araar** (2003), « Classical horizontal inequity and reranking: an integrated approach », *Research on Economic Inequality* 10, 65-100.
- **Araar, A.**, (2002), *L'impact des variations des prix et des revenus sur le niveau d'inégalité et de bien-être social, avec application à la Pologne durant la transition*, L'Actualité Économique, Vol. 78, No. 02, 221-242.
- **Araar, A** and Fortin, M., (1997) *Stock Market dispersion and unemployment in Canada*. Applied Economics, June pp. 829-839.

Reports

- Blais, François, Jean-Yves DUCLOS, **Abdelkrim Araar**, Marcel FILION, Martin LAVOIE, Jean-François SIMONEAU, Patrick TANGUY, Yannick VANDERBORGHT, « Le revenu de citoyenneté : revue des écrits et consultation des experts », remis au Fonds Québécois de la Recherche sur la Société et la Culture, janvier 2002.
- **Araar Abdelkrim**, Sebastian Levine and Jean-Yves Duclos, (2009) « Body mass index, poverty and inequality in Namibia» UNDP & CBS-Namibia.

Working papers

- **Araar, Abdelkrim** & Verme, Paolo, 2016. *A comparative analysis of subsidy reforms in the Middle East and North Africa Region*, Policy Research Working Paper Series 7755, The World Bank
- **Araar, Abdelkrim** & Verme, Paolo, 2016. "Prices and welfare," Policy Research Working Paper Series 7566, The World Bank.
- **Araar, Abdelkrim** & Choueiri, Nada & Verme, Paolo, 2015. "The quest for subsidy reforms in Libya," Policy Research Working Paper Series 7225, The World Bank.
- **Abdelkrim Araar** & Luis Huesca, (2014). "Comparison of the Tax System Progressivity Over Time: Theory and Application with Mexican Data," Working Paper 1419, CIRPEE.
- Luis Huesca & **Abdelkrim Araar**, (2014). "Progressivity of Taxes and Transfers: the Mexican Case 2012," Working Paper 1407, CIRPEE.
- Jean-Yves Duclos & Luca Tiberti & **Abdelkrim Araar**, (2013). "Multidimensional Poverty Targeting," Working Paper 1339, CIRPEE.
- **Araar, Abdelkrim** & Verme, Paolo (2012). "Reforming subsidies: a tool-kit for policy simulations," Policy Research Working Paper Series 6148, The World Bank.
- **Araar, Abdelkrim**, (2012). "Expected Poverty Changes with Economic Growth and Redistribution," Working paper 1222, CIRPEE
- **Araar, Abdelkrim** (2012). "Pro-poor Growth in Andean Countries," Working paper 1225, CIRPEE
- **Araar, Abdelkrim**, Jean-Yves Duclos & Luis Huesca, 2011. "Uso e importancia de DASP en Stata," Mexican Stata Users' Group Meetings 2011 08, Stata Users Group.
- Sami Bibi & Jean-Yves Duclos & **Abdelkrim Araar**, 2011. "Mobility, Taxation and Welfare," Cahiers de recherche 1114, CIRPEE.
- Jean-Yves Duclos & Paul Makdissi & **Abdelkrim Araar**, 2010. "Pro-Poor Tax Reforms, with an Application to Mexico," Cahiers de recherche 1001, CIRPEE.
- **Araar, Abdelkrim**, 2009. "The Hybrid Multidimensional Index of Inequality," Cahiers de recherche 0945, CIRPEE.
- Duclos, Jean-Yves & Makdissi, Paul & **Abdelkrim Araar**, 2009. "Pro-Poor Tax Reforms, with an Application to Mexico," IZA Discussion Papers 4511, Institute for the Study of Labor (IZA).
- **Araar, Abdelkrim** & Yazid Dissou & Jean-Yves Duclos, 2008. "Household Incidence of Pollution Control Policies: a Robust Welfare Analysis Using General Equilibrium Effects," Cahiers de recherche 0809, CIRPEE.
- **Araar, Abdelkrim** (2008), "Social classes, inequality and redistributive policies in Canada", Cahiers de recherche 0817, CIRPEE.
- **Araar, Abdelkrim**, 2008. "On the Decomposition of Polarization Indices: Illustrations with Chinese and Nigerian Household Surveys," Cahiers de recherche 0806, CIRPEE.

- **Araar, Abdelkrim** & Yazid Dissou & Jean-Yves Duclos, 2008. "*Household Incidence of Pollution Control Policies: a Robust Welfare Analysis Using General Equilibrium Effects*," Cahiers de recherche 0809, CIRPEE.
- **Araar, Abdelkrim** & Jean-Yves Duclos, 2007. "*Poverty and Inequality Components: a Micro Framework*," Cahiers de recherche 0735, CIRPEE.
- **Araar, Abdelkrim**, 2007. "*Poverty, Inequality and Stochastic Dominance, Theory and Practice: The Case of Burkina Faso*," Working Paper PMMA 2007-08, PEP-PMMA.
- **Araar, Abdelkrim** & Jean-Yves Duclos & Mathieu Audet & Paul Makdissi, 2007. "*Testing for Pro-pooriness of Growth, with an Application to Mexico*," Cahiers de recherche 0709, CIRPEE.
- Jean-Yves Duclos & **Abdelkrim Araar** & John Giles, 2006. "*Chronic and Transient Poverty: Measurement and Estimation, with Evidence from China*," IZA Discussion Papers 2078, Institute for the Study of Labor (IZA).
- **Araar, Abdelkrim** & Awoyemi Taiwo Timothy, 2006. "*Poverty and Inequality Nexus: Illustrations with Nigerian Data*," Cahiers de recherche 0638, CIRPEE.
- **Araar, Abdelkrim**, 2006. "*On the Decomposition of the Gini Coefficient: an Exact Approach, with an Illustration Using Cameroonian Data*," Cahiers de recherche 0602, CIRPEE.
- **Araar, Abdelkrim**, 2006. "*Poverty, Inequality and Stochastic Dominance, Theory and Practice: Illustration with Burkina Faso Surveys*," Cahiers de recherche 0634, CIRPEE.
- **Araar, Abdelkrim** & Jean-Yves Duclos, 2006. "*DAD: a Software for Poverty and Distributive Analysis*," Working Paper PMMA 2006-10, PEP-PMMA.
- Duclos, Jean-Yves & Jalbert, Vincent & **Araar, Abdelkrim**, 2003. "*Classical Horizontal Inequity and Reranking: an Integrating Approach*," Cahiers de recherche 0306, CIRPEE.
- **Araar, Abdelkrim** & Duclos, Jean-Yves & Blais, François, 2003. "**Effets redistributifs d'un régime d'allocation universelle: une simulation pour le Québec**," Cahiers de recherche 0310, CIRPEE.
- **Araar, Abdelkrim** & Jean-Yves Duclos, 2001. "*An Atkinson-Gini Family of Social Evaluation Functions*," UFAE and IAE Working Papers 476.01, Unitat de Fonaments de l'Anàlisi Econòmica (UAB) and Institut d'Anàlisi Econòmica (CSIC).
- **Araar, Abdelkrim** (2000), *La Modélisation des Préférences et le Bien-Être des Ménages en Pologne*, CREFA, Cahier de recherche No 05. <http://www.crefa.ecn.ulaval.ca/cahier/0005.pdf>
- **Araar, Abdelkrim** (2000), *L'impact des variations des prix et des revenus sur le niveau d'inégalité et de bien-être social, avec application à la Pologne durant la transition*. CREFA, Cahier de recherche No 07. <http://www.crefa.ecn.ulaval.ca/cahier/0007.pdf>
- Duclos, Jean-Yves & Jalbert, Vincent & **Araar, Abdelkrim**, 2000. "*Classical Horizontal Inequity and Reranking: an Integrated Approach*," Cahiers de recherche 0002, Laval University - Département d'économique.
- **Araar, Abdelkrim** & Duclos, Jean-Yves, 1998. "An Atkinson-Gini Family of Social Evaluation Functions," Cahiers de recherche 9826, Laval University - Département d'économique.
- Fortin, M. & **Araar, Abdelkrim.**, 1993. "*Sectoral Shifts, Stock Market Dispersion and Unemployment in Canada*," Cahiers de recherche 93-05, Département d'Economique de la Faculté d'administration à l'Université de Sherbrooke.

Communications

- **Araar Abdelkrim** (2010), Expected poverty changes with marginal and non marginal economic growths and redistributions, au congrès de la SCSE 2010 : 50^e Congrès annuel, Manoir St-Castin: Lac Beauport, Québec, du 12 au 14 mai 2010.
- **Araar Abdelkrim** (2010), Social classes, inequality and redistributive policies in Canada, the 44th annual CEA conference, Québec City May 28-30, 2010.
- **Araar Abdelkrim** (2009), On the decomposition of polarization indices: Illustrations with Chinese and Nigerian household surveys, Third meeting of the Society for the Study of Economic Inequality (ECINEQ) Buenos Aires, Argentina, July 21-23, 2009
- **Araar Abdelkrim** (2009), The hybrid multidimensional index of inequality, au congrès de la SCSE 2009 : 49^e Congrès annuel, Hôtel Mont Gabriel (Sainte-Adèle), du 13 au 15 mai 2009
- **Araar Abdelkrim** (2008), On the decomposition of polarization indices: Illustrations with Chinese and Nigerian household surveys, Canadian Economics Association Conference Vancouver: 06-08 June 2008.
- **Araar Abdelkrim** (2008), Social classes, inequality and redistributive policies in Canada, 48^e Congrès annuel de la SCSE, 14-16 mai 2008, Montréal-Montebello.
- **Araar Abdelkrim** (2008), On the decomposition of polarization indices: Illustrations with Chinese and Nigerian household surveys, Conférence CIRPÉE-BREAD conference, UQÀM, Montreal, 22-23 February 2008.
- **Araar Abdelkrim** and Duclos Jean-Yves (2007) "Poverty and Inequality Components: a Micro Framework", 2nd meeting of the Society for the Study of Economic Inequality (ECINEQ), Berlin.
- **Araar Abdelkrim** and Duclos Jean-Yves (2007) "Poverty and Inequality Components: a Micro Framework", 47^e Congrès annuel de la SCSE, 16-17 mai 2007, Québec.
- **Araar Abdelkrim** and Duclos Jean-Yves (2006) "On the Decomposition of the Gini Coefficient: an Exact Approach, with an Illustration Using Cameroonian Data", CEA 40th Annual Meetings, Friday, 26-28 May 2006, Concordia University, Montréal (Québec).
- **Araar Abdelkrim** and Duclos Jean-Yves (2004) "An Introduction to DAD: A Software for Poverty and Distributive Analysis", Regional Conference on Poverty Monitoring in Asia, Manila, Philippines.
- **Araar Abdelkrim** and François Blais, Le revenu de citoyenneté, BASIC INCOME EUROPEAN NETWORK, BERLIN 2001.
- **Araar, A.**, (1997), Les mesures d'inégalité relative et les fonctions de bien-être social. 37^e Congrès annuel de Société Canadienne des Sciences Économiques, Québec, 14 et 15 mai.
- **Araar, A.**, Duclos, J.-Y., (1998), La modélisation des préférences et le bien-être des ménages. 38^e Congrès annuel de Société Canadienne des Sciences Économiques, Québec, 7 et 8 mai.
- **Araar, A.**, (1999), Sub group population and welfare indexes, CREFA Days, April-1999.

Softwares

- Jean-Yves Duclos, **Abdelkrim Araar** and Carl Fortin, "DAD: a software for Distributive Analysis / Analyse Distributive", MIMAP programme, International Development Research Centre, Government of Canada, and CIRPÉE, Laval University.
 - Web site: <http://dad.ecn.ulaval.ca>

Stata packages

- Araar Abdelkrim & Jean-Yves Duclos, 2006-2012. "**DASP: Distributive Analysis Stata Package**" Statistical Software Components S456872, Boston College Department of Economics.
 - Web site: <http://dasp.ecn.ulaval.ca>
- Abdelkrim Araar and Verme, Paolo 2012-2014, "**SUBSIM: SUBsidy SIMulation Stata Package** ", World Bank
 - Web site: <http://www.subsim.org>

Computer Knowledge

Functioning System	Unix, PC Dos
Programming Language	JAVA, C, C++ , GAUSS
Software	Stata, SPSS, SAS, LATEX, etc.

Abdelkrim Araar