



## Jacky Mathonnat

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### Qualification

- PhD in Economics; Master in Public Law

### Fields of Research

- Health economics issues in developing countries (including health financing; universal health coverage; health systems regulation; health care demand ; efficiency of health systems and facilities; effects of ill-health on farmers productivity)
- Public policy related to social policies and public finances.
- Evaluation of policies, programs and projects
- Development financing

### Academic Activities

- Member of the Academic Council of the University of Auvergne
- Former Vice-President of the University of Auvergne, in charge of the International Development Policy (2007-2012)
- Lead of the Master degree "Health Economics and International Development" that I have created in 2003 at the School of Economics, University of Auvergne
- In charge of the module "Health Economics" in the Master degree "Management of Economic Policy" at the CERDI, University of Auvergne
- Visiting professor, Faculty of Business and Administration, University of Bucharest, Romania; In charge of the course Health Economics in the Master degree Public Policy,
- Visiting professor at the University of Botswana, Gaborone; In charge of the course Health Economics in the Master degree in Public Health
- Visiting Professor, Weifang Medical University, China
- Visiting Professor School of Public Health, Mongolian National University of Medical Science, Ulaanbaatar
- Former Visiting Scholar, World Bank, Washington.

### Scientific Activities

- **Lead of two on-going research projects**
  - *Impact of drugs prices reform on activities and efficiency of a sample of township hospitals in Shandong province (Weifang prefecture), China.* Project based on an original field survey, in collaboration with a team from the Weifang Medical University, the Weifang Health Bureau and with the National Health and Family Planning Commission (Ministry of Health), Beijing.
  - *Assessing the activities and efficiency of Family Health Centers and Soum Health Centers in Mongolia.* Project based on an original field survey in urban and rural areas, with the School of Public Health, Mongolian National University of Medical Science, Ulaanbaatar.
- **Other**
  - Elected member of the Board of the CERDI (Conseil de Laboratoire)
  - Member of the PhD Committee of the School of Economics, University of Auvergne
  - PhD supervisor

- Member of the Board of the French Health Economics Association
- Member of the Working group "Plan Cancer", Health Regional Agency, Auvergne, France
- Peer reviewer for international journals (Revue d'Economie du Développement; Revue d'Economie Politique; Journal of Human Development; Bulletin of the World Health Organisation; Health Policy and Planning; Journal d'Economie Médicale; Revue d'Epidémiologie et de Santé Publique; Revue Economique; Sciences Sociales de la Santé; Social Science and Medicine; The Lancet).

#### Consulting (as team leader or consultant)

- AFD (Agence Française de Développement), World Bank, UNDP, European Union, WHO, Médecins du Monde, French Ministry of Foreign Affairs
- In several countries, including Cambodia, China, Laos, Mongolia, Benin, Burkina Faso, Burundi, Cameroon, Ivory Coast, Ethiopia, Gabon, Mali, Madagascar, Mauritania, Niger, Senegal, Sao Tome, South Africa.

#### Selection of recent publications

##### International Journals

- [2015], Mathonnat J, Audibert M, Huangfu X, Ma A, and L Petitfour, Progrès et défis pour trois réformes majeures dans le système de santé chinois, *Mondes en Développement*, vol. 43
- [2013] Audibert M, Mathonnat J, Péliissier A, Huang X, Health Insurance Reform and Efficiency of Township Hospitals in rural China: an Analysis from Survey Data; *China Economic Review*, Dec. vol. 27
- [2013] Assi S-B, Henry M-C, Rogier C, Dossou-Yovo, Audibert M, Mathonnat J, Teuscher T and P. Carnevale, Inland valley rice production systems and malaria infection and disease in the forest region of western Cote d'Ivoire, *Malaria Journal*, Jul.12(1)
- [2013] M Drach, J.B Le Gargasson, J Mathonnat , A Da Silva, M. Kaddar, A Colombini, On EPIVAC International Conference on Financial Sustainability of Immunization Programs in Sub-Saharan Africa, February 16-18, 2012, Benin, *Vaccine*, Sep. 31(41)
- [2012] Mathonnat J, Améliorer la santé dans les pays en développement : quatre questions pour des priorités, *Economie publique*, n°28-29, 1-2
- [2012], Huang X, Audibert M, Mathonnat J, Pelissier A., Financial and Income Losses from Illness Shock in China: Results from surveys in eight provinces, *Journal of US-China Public Administration*, April, Vol 9, n°4
- [2012] Péliissier A, Audibert M, Mathonnat J, Huang X, The determinants of township hospitals' curative activities in Weifang, China, *Economie publique*, n°28-29, 1-2
- [2011] Audibert M, Brun J-F, Mathonnat J, and Henry M-C, Malaria and agricultural production: Are there bi-directional effects? The case of coffee and cocoa in Côte d'Ivoire, *Revue d'Economie du Développement*, 3/ juillet.
- [2009] Audibert M, Brun J-F, Mathonnat J et Henry M-C, Paludisme, production et revenu des producteurs de café et de cacao en Côte d'Ivoire, *Revue d'Economie du Développement*, 1/ mars.

##### Other

- [2015] Audibert M, Mathonnat J, Péliissier A, The New Rural Cooperative Medical Scheme: Impact on Township Hospitals' utilization and income structure in Weifang Prefecture, China, forthcoming *Etudes et Documents*, CERDI
- [2015] Audibert M, He Y, Mathonnat J, Two-Period Comparison of Health Care Demand with Income Growth and Population Aging in Rural China: Implications for Adjustment of the Health Care Supply, *Etudes et Documents*, CERDI

- [2015] Mathonnat J, Choumert J, Nicole H, *External baseline evaluation of the Central Highlands Programme – Afghanistan*, 158 p.; AFD - French Agency for Development
- [2014] Mathonnat J. and J. Tuilliez, Which role for the structural determinants of road mortality and traffic injuries? A concept note, *Working Papers* n° P92, FERDI, Foundation for the Research on International Development, France
- [2013] Audibert M, He Y, Mathonnat J, Multinomial and Mixed Logit Modeling in the Presence of Heterogeneity: A Two-Period Comparison of Healthcare Provider Choice in Rural China, *Etudes et Documents* n° 14, CERDI
- [2013] Mathonnat J, Choumert J, *et al.*, *A community perception survey of mining and future benefit sharing in Afghanistan*, World Bank, 204 p.
- [2013] Audibert M, He Y, Mathonnat J, Two-Period Comparison of Healthcare Demand with Income Growth and Population Aging in Rural China: Implications for Adjustment of the Healthcare Supply and Development, *Etudes et Documents* n° 15, CERDI
- [2011] Audibert M, Huang X, Mathonnat J, Pelissier A, coauteurs Chen N, Ma A, Curative Activities of Township Hospitals in Weifang Prefecture, China: An Analysis of Environmental and Supply-Side Determinants, *Etudes et Documents* n° 30, CERDI
- [2010] Audibert M, He Y, Mathonnat J, Income Growth, Price Variation and Health Care Demand: A Mixed Logit Model Applied to Two-period Comparison in Rural China, *Etudes et Documents* n°35, CERDI.
- [2010] Audibert M, Mathonnat J, Pelissier A, The Impact of the New Rural Cooperative Medical Scheme on Activities and Financing of Township Hospitals in Weifang, China, *Etudes et Documents* n°37, CERDI.
- [2010] Dukhan Y, Korachais C, Mathonnat J, Saksena P. and K. Xu, Financial burden of health payments in France, 1995-2006, *WHO Discussion Paper*, n°6, Geneva.

#### ▪ **Books and Chapters**

- [2015] Audibert M, Pavy A, de Roodenbeke E, Mathonnat J, Utilisation des services de santé en Afrique : l'approche communautaire en termes d'offre de soins est-elle une réponse ? Chap. 6, in Audibert M et Kondji Kondji D, *Le développement sanitaire en Afrique francophone: Enjeux et Perspectives post-2015*, L'Harmattan, Paris
- [2013] Audibert M., J. Mathonnat, *Politiques régionales de santé*, in Geourjon A-M, Guérineau S, Guillaumont P and S Guillaumont-Jeanneney (eds), "Intégration régionale pour le développement de la Zone franc", Economica, Paris
- [2012 & 2013] Audibert M, Mathonnat J, Facilitating access to healthcare in low-income countries: A contribution to the debate, in Audibert et Mathonnat (eds), *Field Action Science Reports*, Vol 6. – French version in 2013.
- [2010] Mathonnat J, Disponibilité des ressources financières pour la santé dans les pays d'Afrique subsaharienne, *Notes et Documents*, vol. 52, Agence Française de Développement, Paris, 284 p.
- [2009] Mathonnat J, Financement de la santé, équité et accessibilité aux soins de santé dans les pays à faible revenu, in Yaya, S. (éd), *Le défi de l'accessibilité et de l'équité en santé dans le Tiers-monde: entre droit fondamental, justice sociale et logique marchande*, Presses Universitaires de Laval, Canada.
- [2009] Mathonnat J, Contraintes dans l'accès aux soins dans les pays en développement, in Bras P-L, De Pourville G and Tabuteau R, (ed), *Traité d'économie et de gestion de la santé*, Presses de Sciences Politiques, Paris.
- [2000] Audibert M, Mathonnat J, E de Roodenbeke, (eds.), *Le financement de la santé dans les pays d'Afrique et d'Asie à faible revenu*, 498 p. Karthala, Paris.

## International Conferences (Invitations)

- [2015] Fudan University, Shanghai Forum, *China's health aid to Africa: Evolution, determinants and new perspectives* (with L. Wagner, FERDI), May 22<sup>th</sup>-24<sup>th</sup>, Shanghai
- [2013] Agence Française de Développement, International Workshop *Financement de la santé dans les pays en développement : quelles leçons tirer des évaluations ? Que nous disent les évaluations sur la couverture universelle et qu'aimerions-nous savoir ?*, Paris, May 27<sup>th</sup>-28<sup>th</sup>
- [2013] 5<sup>th</sup> International Conference in Economics and Administration, Faculty of Business and Administration, University of Bucharest; *Old and new economic challenges for the French health care system*, 7-8 June
- [2013] Conférence annuelle de l'Association internationale des centrales d'achat de médicaments ; conférence plénière, *Financement innovants, disponibilité des produits de santé et efficience des systèmes de santé*, Bujumbura, Burundi, 19-21 Feb.
- [2012] University of Botswana, Conference *Health, growth and fetal origin hypothesis: which implications for health policies?* Gaborone, June 22<sup>th</sup>,
- [2012] University of Pretoria, South Africa, Health insurance; *Health financing in France : macroeconomic issues and challenges ahead* », Sep. 24<sup>th</sup>-25<sup>th</sup>
- [2012] International Conference on Health Financing in Mekong Region, World Bank, USAID, WHO, AFD, Cambodia Ministry of Public Health, *Health equity funds, community based health insurance: activities and efficiency of health facilities in Takeo province*, (with A. Pélissier), Phnom Penh, 1-3 May
- [2012] 3<sup>ème</sup> Conférence technique internationale EPIVAC-WHO-AMP on Financement des Programmes Elargis de Vaccination, « *Etat-providence " et efficience : Un point de vue d'économiste, , Pérennité du financement des programmes de vaccination en Afrique subsaharienne : Etat des lieux et perspectives innovantes*, Cotonou, 16-17 Feb.