

CURRICULUM VITAE

RAYA MUTTARAK

PERSONAL DETAILS

Nationality: Thai and Italian
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ACADEMIC POSITIONS

Sep 2011 – present **Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU) (Vienna, Austria)**
Research scientist at Vienna Institute of Demography, Austrian Academy of Sciences
Research scholar (part-time 15%) at the World Population Program, International Institute for Applied Systems Analysis (IIASA)

Sep 2009 – Aug 2011 **Department of Political and Social Sciences, European University Institute (Florence, Italy)**
Marie Curie Postdoctoral Fellow

Sep 2008 – Aug 2009 **Max Weber Programme, European University Institute (Florence, Italy)**
Max Weber Postdoctoral Fellow

Jan 2007 – Aug 2008 **Department of Sociology, University of Oxford**
Research officer for the project “Assessing affirmative action in Northern Ireland”

Jan 2005 – Dec 2005 **Centre on Migration, Policy and Society, University of Oxford**
Research Assistant for the project “Changing status, changing lives? The socio-economic impact of EU enlargement on low wage migrant labour in the UK”

Feb 2001 – Aug 2001 **Institute of Developing Economies (Tokyo, Japan)**
Research Assistant

EDUCATION

Oct 2003 – Sep 2007 **University of Oxford, St. Antony’s College**
DPhil in Sociology
Thesis title “Interethnic unions in Britain: Considering intermarried couples and multiethnic children” (Supervisor: Professor Anthony Heath)

Oct 2002 – Jun 2003 **University of Oxford, St. Antony’s College**
MSc in Sociology (Distinction)
Thesis title “Who intermarries in Britain: Ethnic intermarriage” (Supervisor: Professor Anthony Heath)

Apr 2000 – Mar 2002	Waseda University (Tokyo, Japan) MA in International Relations Thesis title “Roles of domestic service in Thai modernity: Trends and problems” (Supervisor: Professor Glenda Roberts)
Apr 1999 – Mar 2000	The Nagoya YWCA School of Japanese Language (Nagoya, Japan)
May 1995 – Mar 1999	Chiang Mai University (Chiang Mai, Thailand) BA in Japanese (First Class Honours)

TEACHING

Sep 2010 – Dec 2010	Department of Political and Social Sciences, European University Institute (Florence, Italy) Lecturer in PhD course “Family, population, gender”
Jan 2010 – Mar 2010	Department of Political and Social Sciences, European University Institute (Florence, Italy) Lecturer in PhD course “Life course and generational dynamics”
Jun 2008	Department of Sociology, University of Oxford Lecturer at the Summer School for Practical Survey Analysis
Oct 2007 – Jan 2008	Department of Sociology, University of Oxford Lecturer in MSc course “Statistical methods for social scientists”
Jun 2007	Department of Sociology, University of Oxford Lecturer at the Summer School for Practical Survey Analysis

SUPERVISION

PhD thesis

Tananont Buathong (2013-present)
“Determinants of completed marital fertility and fertility intention in Thailand”,
College of Population Studies, Chulalongkorn University (Bangkok, Thailand)

PhD Supervisor for Young Summer Scientist Program at IIASA

Dolly Kumari (2015)	“Implications of care-giving and -taking on wellbeing of older persons and their caregivers in New Delhi”
Abhishek Kumar (2014)	“Intergenerational influence on fertility behaviour of young women in rural Bihar, India”
Praveen Pathak (2013)	“Social networks and fertility behaviour among women in rural Uttar Pradesh, India”

PhD Supervisor for Southern African Young Scientists Summer Program at the University of the Free State (Bloemfontein, South Africa)

Martin Flatø (2014)	“Female-headed households, land ownership, and vulnerability to climate change in South Africa”
Mantsebo Letsie (2014)	“Vulnerability to climate change and variability on crop yields and implications on household welfare in Lesotho”
Gerald Meke (2013)	“Community management of forest resources: A case study of forest co-management in Zomba-Malosa Forest Reserve”

Alfred Murye (2013) “Environmental and socio-economic sustainability of marula harvesting in Swaziland”

SCHOLARSHIPS AND AWARDS

2007 **Merit Award for Academic-Related Staff**, University of Oxford
2002 – 2004 **Clarendon Fund Bursary**, University of Oxford (for doctoral study)
2000 –2002 **Scholarship for ASEAN Students**, Tokio Marine Kagami Memorial Foundation (for master’s study in Japan)
1999 – 2000 **Japan Ambassadorial Scholarship**, Rotary International (for Japanese language study in Japan)
1999 **Gold Medal** for BA graduation with GPA above 3.75 on the 4-scale, Chiang Mai University, Thailand

RESEARCH GRANTS

2015 – 2017 **The Research Council of Norway** for the project “Sustainable European welfare societies: Assessing linkages between social and environmental policy” (Grant agreement number: 236930/H20) (~€10,000)
2013 **Chula Global Network** for organizing the conference “Demographic differential vulnerability to natural disasters in the context of climate change adaptation” (~€3,500)
2013 – 2014 **Ratchadaphiseksomphot Endowment Fund of Chulalongkorn University (Climate Change Cluster)** for the project “Understanding social barriers to coping with and adapting to extreme climate events” (Grant agreement number: RES560530150-CC) (~€10,000)
2009 – 2011 **Marie-Curie Intra-European Fellowship**, for the project “Trends and patterns of interethnic partnerships and well-being of mixed ethnic children in the EU” (Grant agreement number: 235319)

PUBLICATIONS

Note on list of publications: *Equal contribution and authors are listed alphabetically

Edited book/Special issue

Muttarak, R. & Jiang, L. (Eds.). (forthcoming). Demographic Differential Vulnerability to Natural Disasters in the Context of Climate Change Adaptation. *Vienna Yearbook of Population Research*.

Aybek, C.* M., Huinink*, J., & Muttarak, R.* (Eds.). (2015). *Spatial Mobility, Migration, and Living Arrangements*. Cham: Springer.

Peer-reviewed journal articles

Submitted

24. Hoffmann, R.* , & Muttarak, R.* Learn from the past, prepare for the future: Impacts of education and experience on disaster preparedness in the Philippines and Thailand. (submitted)

23. Chankrajang, T.*, & Muttarak, R.* Green returns to education: Does schooling contribute to pro-environmental behaviours? Evidence from Thailand. (submitted)
22. Flatø, M.*, Muttarak, R.*, & Pelsler, A*. Women, weather, and woes: The triangular dynamics of female-headed households, economic vulnerability, and climate variability in South Africa. (submitted)
21. Gallus, S., Ascitto, R., Muttarak, R., Pacifici, R., La Vecchia, C., & Lugo, A. Which group of smokers is more vulnerable to the economic crisis? (revised and resubmitted to *Public Health*)
20. Kumar, A., Bordone, V., & Muttarak, R. Like mother(-in-law) like daughter? Influence of the older generation's fertility behaviours on women's desired family size in Bihar, India. (revised and resubmitted to *European Journal of Population*)

Accepted

19. Zagheni, E., Muttarak, R., & Striessnig, E. Differential mortality patterns from hydro-meteorological disasters: Evidence from vital records of cause of death data by sex and age. *Vienna Yearbook of Population Research*. (forthcoming)
18. Muttarak, R., & Chankrajang, T. Who is concerned and does something about climate change? Gender and education divide among Thais. *Vienna Yearbook of Population Research*. (forthcoming)

Published

17. Witvorapong, N., Muttarak, R., & Pothisiri, W. (2015). Social participation and disaster risk reduction behaviors in tsunami prone areas. *PLoS ONE*, 10(7), e0130862.
16. Muttarak, R., Steiber, N., & Gallus, S. (2015). Smoking ban in Austria: a long overdue step but still a lot to be done. *The Lancet*, 385(9972), 941–942.
15. Gallus, S.*, Ghislandi, S.*, & Muttarak, R.* (2015). Effects of the economic crisis on smoking prevalence and number of smokers in the USA. *Tobacco Control*, 24(1), 82–88.
14. Skirbekk, V., Stonawski, M., Fukuda, S., Spoorenberg, T., Hackett, C., & Muttarak, R. (2015). Is Buddhism the low fertility religion of Asia? *Demographic Research*, 32(1), 1–28.
13. Lutz, W.*, Muttarak, R.*, & Striessnig, E.* (2014). Universal education is key to enhanced climate adaptation. *Science*, 346(6213), 1061–1062.
12. Muttarak, R., & Lutz, W. (2014). Is education a key to reducing vulnerability to natural disasters and hence unavoidable climate change? *Ecology and Society*, 19(1), 42.
11. Basten, S.*, Muttarak, R.*, & Pothisiri, W.* (2014). “The persistence of parent repayment” and the anticipation of filial obligations of care in two Thai provinces. *Asian Social Work and Policy Review*, 8(2), 109–122.
10. Muttarak, R., & Pothisiri, W. (2013). The role of education on disaster preparedness: Case study of 2012 Indian Ocean earthquakes on Thailand's Andaman coast. *Ecology and Society*, 18(4), 51.
9. Garbero, A.*, & Muttarak, R.* (2013). Impacts of the 2010 droughts and floods on community welfare in rural Thailand: Differential effects of village educational attainment. *Ecology and Society*, 18(4), 27.
8. Muttarak, R. (2013). Generation, ethnic and religious diversity in friendship choice: exploring interethnic close ties in Britain. *Ethnic and Racial Studies*, 37(1), 71–98.
7. Muttarak, R., Gallus, S., Franchi, M., Faggiano, F., Pacifici, R., Colombo, P., & La Vecchia, C. (2013). Why do smokers start? *European Journal of Cancer Prevention*, 22, 181–186.
6. Gallus, S., Muttarak, R., Franchi, M., Pacifici, R., Colombo, P., Boffetta, P., et al. (2013). Why do smokers quit? *European Journal of Cancer Prevention*, 22, 96–101.
5. Muttarak, R., Hamill, H., Heath, A., & McCrudden, C. (2013). Does Affirmative Action Work? Evidence from the Operation of Fair Employment Legislation in Northern Ireland. *Sociology*, 47(3), 560–579.

4. Gallus, S., Muttarak, R., Martínez-Sánchez, J. M., Zuccaro, P., Colombo, P., & La Vecchia, C. (2011). Smoking prevalence and smoking attributable mortality in Italy, 2010. *Preventive Medicine*, 52(6), 434–438.
3. Muttarak, R., & Heath, A. (2010). Who intermarries in Britain? Explaining ethnic diversity in intermarriage patterns. *The British Journal of Sociology*, 61(2), 275–305.
2. Muttarak, R. (2010). Explaining trends and patterns of immigrants' partner choice in Britain. *Journal of Family Research – Zeitschrift für Familienforschung*, 22(1), 39–66.
1. Muttarak, R. (2004). Domestic Service in Thailand: Reflection of Conflicts in Gender, Class and Ethnicity. *Journal of Southeast Asian Studies*, 35(03), 503–529.

Book chapters

- Muttarak, R., & Testa, M. R. (2015). Trends and patterns of inter-religious partnerships in Austria (1971-2001): The role of secularization and demographic changes. In B. J. Grim, T. M. Johnson, V. Skirbekk, & G. A. Zurlo (Eds.), *Yearbook of International Religious Demography 2015* (pp. 117–135). Leiden/Boston: Brill.
- Arpino, B.*, Muttarak, R.*, & Vitali, A.* (2015). Comparing living arrangements of immigrant young adults in Spain and the United States. In C. M. Aybek, J. Huinink, & R. Muttarak (Eds.), *Spatial Mobility, Migration, and Living Arrangements* (pp.161-187) . Cham: Springer.
- Aybek, C. M.*, Huinink, J.*, & Muttarak, R.* (2015). Migration, spatial mobility, and living arrangements: An introduction. In C. M. Aybek, J. Huinink, & R. Muttarak (Eds.), *Spatial Mobility, Migration, and Living Arrangements* (pp. 1–19). Cham: Springer.
- Muttarak, R., Hamill, H., Heath, A., & McCrudden, C. (2015). L'action positive est-elle efficace? Une évaluation empirique du programme pour l'équité dans l'emploi en Irlande du Nord. In J. Ringelheim, G. Herman, & A. Rea (Eds.), *Politiques antidiscriminatoires* (pp. 173–193). Louvain-la-Neuve: De Boeck.
- Muttarak, R. (2011). Occupational mobility in the life course of intermarried immigrants. In M. Wingens, M. Windzio, C. Aybek, & H. de Valk (Eds.), *A Life-Course Perspective on Migration and Integration* (pp. 211–238). Dordrecht: Springer.

Other publications

- Muttarak, R., Striessnig, E., & Lutz, W. (2014). Here's a better way to spend the UN's \$100B Green Climate Fund. *Ensiä*. <http://ensia.com/voices/heres-a-better-way-to-spend-the-uns-100b-green-climate-fund/>
- KC, S.*, Lutz, W.*, Loichinger, E.*, Muttarak, R.*, & Striessnig, E.* (2014). Reducing vulnerability in critical life course phases through enhancing human capital. 2014 UNDP Human Development Report Office. Occasional Paper.
- McCrudden, C., Muttarak, R., Hamill, H., & Heath, A. (2009). Affirmative action without quotas in Northern Ireland. *The Equal Rights Review*, 4, 7–14.

Working Papers

- Muttarak, R., & Chankrajang, T. (2014). Demographic differentials in the concern about climate change and engagement in climate-friendly behaviours (IIASA Interim Report No. IR-14-018). Laxenburg, Austria: International Institute for Applied Systems Analysis.
- Kumar, A., Bordone, V., & Muttarak, R. (2014). Influence of the older generation's fertility behaviours on women's desired family size in Bihar, India (VID Working Paper 4/2014). Vienna, Austria: Vienna Institute of Demography.
- KC, S.*, Lutz, W.*, Loichinger, E.*, Muttarak, R.*, & Striessnig, E.* (2014). Reducing vulnerability in critical life course phases through enhancing human capital (Interim Report No. IR–14–001). Laxenburg, Austria: Institute for Applied Systems Analysis.

- Witvorapong, N., Muttarak, R., & Pothisiri, W. (2013). Social participation and disaster risk reduction behaviours: Case study of tsunami-risk areas in southern Thailand (IIASA Interim Report No. IR-13-019). Laxenburg, Austria: International Institute for Applied Systems Analysis (IIASA).
- Muttarak, R. (2013). Is it (dis)advantageous to have mixed parentage? Exploring education & work characteristics of children of interethnic unions in Britain (VID Working Paper 01/2013). Vienna: Vienna Institute of Demography.
- Muttarak, R. (2009). Explaining trends and patterns of immigrants' partner choice in Britain (MWP 2009/33). Florence: European University Institute.
- Muttarak, R. (2007). Does interethnic union promote occupational mobility of ethnic minority in Britain? (Working Paper Number 2007/4). Oxford: Department of Sociology, University of Oxford.

INVITED TALKS

- “What types of indicators are most suited for policy analysis?”. October Days for Sustainable Development, European Investment Bank, Luxembourg, 28 October 2015.
- “Who marries whom: Trends, patterns and consequences”. University of Washington, Seattle, 4 May 2015.
- “The dynamics of social sustainability: A sociological perspectives”. Vienna University of Economics and Business, Vienna, 2 October 2014.
- “Does the financial crisis have a role on smoking behaviour?”. Public Health Seminar, University of California, Irvine, 7 May 2012.
- “Comparing educational attainment and employment status of mixed ethnic, second generation and native British children in the UK”, International Conference on Migration, Identity, and Social Cohesion in Europe, Institute of European and American Studies, Academia Sinica, Taipei, Taiwan, 15-16 December 2010.
- “Who do immigrants marry? Exploring patterns of partnerships formation of ethnic minorities in Britain”, Family and Migration Workshop, Wissenschaftszentrum Berlin für Sozialforschung (WZB), Berlin, Germany, 18-19 November 2010.
- “Exploring cognitive development of children growing up in an interethnic family, co-ethnic family and native (British) family in the UK”. VID Colloquium, Vienna Institute of Demography, Vienna, Austria, 23 September 2010.
- “Is there any benefits from an interethnic partnership? Evidence from maternal health access & cognitive development of mixed ethnic, second generation & British children in the UK”, Contribution of Area Studies to the Knowledge of Ethnic Tensions: Interdisciplinary Methodological Approaches, The Ohio State University and Polish Academy of Sciences, Warsaw, Poland, 14-19 December 2009.
- “The impact of the Northern Ireland affirmative action programme on Catholic and Protestant employment”, DONDENA Seminars Spring 2009, Università Commerciale Luigi Bocconi, Milan, Italy, 11 May 2009.
- “Health and well-being of children of interethnic unions in the UK: Evidence from the Millennium Cohort Study”, INSIDE Seminars, Institute of Economic Analysis, Barcelona, Spain, 5 May 2009.
- “Researching mixedness and mixing – concepts and substance”, Conference on Mixedness and Mixing: Exploring Issues for Research, Practice and Policy, London South Bank University, London, UK, 28 September 2007.
- “Do intermarried individuals perform better in the labour market?”, ONS LS Ethnicity Research Workshop, London School of Hygiene & Tropical Medicine, London, UK, 11 November 2005.

SELECTED CONFERENCE PRESENTATIONS

- “When the well runs dry, when the water gets high: Exploring internal migration due to environmental stress in Americas and Southeast Asia”. British Society for Population Studies 2015 conference, Leeds, 7-9 September 2015.
- “Believing, Belonging and Behaving: Exploring mismatch between climate change perceptions and individual mitigation behaviors across 27 European countries”. Our Common Future Under Climate Change International Scientific Conference, UNESCO, Paris, 7-10 July 2015.
- “Differential mortality patterns from hydro-meteorological disasters: Evidence from vital records of cause of death by sex and age”. Population Association of America 2015 Annual Meeting, San Diego, 30 April-2 May 2015.
- “Interreligious unions in Austria and their impact on fertility behaviour and children’s religious affiliation”. WIREL conference 2014: Religion in Vienna: Urban Trends in a European Context”, Vienna, Austria, 20-21 November 2014.
- “Social participation and disaster risk reduction behaviours: Case study of tsunami-risk areas in southern Thailand”. European Population Conference 2014, Budapest, Hungary, 25-28 June 2014.
- “The impact of climate change on the demography of meteorological disaster mortality”. European Population Conference 2014, Budapest, Hungary, 25-28 June 2014.
- “The persistence of parent repayment’ and the anticipation of filial obligations of care in two Thai Provinces”. European Population Conference 2014, Budapest, Hungary, 25-28 June 2014.
- “The role of husband, mother-in-law and social networks on fertility patterns in rural India”. European Population Conference 2014, Budapest, Hungary, 25-28 June 2014.
- “Effects of the 2010 droughts and floods on community welfare in rural Thailand: Differential effects of village educational attainment”. XXVII IUSSP International Population Conference, Busan, Republic of Korea, 26-31 Aug 2013.
- “Trends and patterns of religious intermarriage in Austria (1971-2001): The role of secularization and demographic changes”. XXVII IUSSP International Population Conference, Busan, Republic of Korea, 26-31 Aug 2013.
- “The role of education on disaster preparedness: Case study of 2012 Indian ocean earthquakes and tsunami warnings on Thailand’s Andaman coast”. Population Association of America 2013 Annual Meeting, New Orleans, 11-13 April 2013.
- “Exploring differential vulnerability by population structure and education: Impacts of 2010 floods and droughts on rural livelihoods in Thailand”. Population Association of America 2013 Annual Meeting, New Orleans, 11-13 April 2013.
- “Understanding social barriers to climate change adaptation: Phang Nga region (Thailand) case study”. 2nd Asian Population Association Conference, Bangkok, 26-29 August 2012.
- “Puffing in hard times: Does the financial crisis have a role on smoking prevalence in the U.S.?”. Population Association of America 2012 Annual Meeting, San Francisco, 3-5 May 2012.
- “Living arrangements of children of immigrants in Spain and the United States: The role of cultural heritage and residential context”. Population Association of America 2012 Annual Meeting, San Francisco, 3-5 May 2012.
- “Enforcing affirmative action: Comparing the effects of agency negotiation, NGO, activism and litigation on fair employment participation in Northern Ireland”, The 2011 Spring Meeting of the ISA RC28, University of Essex, UK, 13-16 April 2011.
- “Is it really disadvantageous to have a mixed ethnic background? Comparing educational attainment of mixed ethnic, ethnic minority and white British children in the UK”. European Population Conference 2010, Vienna, Austria, 1-4 September 2010.

- “Is there any benefits from an interethnic partnership? Comparing health access & cognitive development of mixed ethnic, second generation & British children in the UK”, The 2010 Spring Meeting of the ISA RC28, University of Haifa, Haifa, Israel, 9-11 May 2010.
- “Fair participation in Northern Ireland”, Conference on Affirmative Action in the Labour Market: International Perspectives, British Academy, London, UK, 2-3 November 2009.
- “Health and well-being of children of interethnic unions in the UK: Evidence from the Millennium Cohort Study”, 9th Conference of European Sociological Association, Lisbon University Institute, Lisbon, Portugal, 2-5 September 2009.
- “Does interethnic marriage promote economic mobility of intermarried ethnic minorities in Britain?”, The 2008 Spring Meeting of the ISA RC28, European University Institute, Florence, Italy, 15-17 May 2008.
- “Marital assimilation: Interethnic marriage in Britain”, Australian Population Association 12th Biennial Conference: Population and Society: Issues, Research, Policy, Canberra, Australia, 15-17 September 2004.

MEDIA COVERAGE

Der Standard, FM4, ORF, Sci.Dev.net, The Economist, The Times of India

PROFESSIONAL ACTIVITIES AND SERVICES

Conference/Workshop Organization

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| Apr 2014 | Co-organizer of the IUSSP Climate Change Cluster Conference on “Demographic Differential Vulnerability to Natural Disasters in the Context of Climate Change Adaptation”, 23-25 April 2014, Kao Lak, Phang Nga, Thailand |
| Nov 2011 | Co-organizer of the IMISCOE Network and MIGREMUS workshop on “Spatial Mobility, Family Lives and Living Arrangements”, 17-18 November 2011, University of Bremen, Bremen, Germany |
| May 2011 | Co-organizer of the workshop “Policy Impact Evaluation: Methods and Results”, 19-20 May 2011, European University Institute, Florence, Italy |
| Mar 2010 | Co-organizer of the conference “Understanding the Dynamics of Migration: Family, Generations and Inequalities”, 11-12 March 2010, European University Institute, Florence, Italy |
| Jun 2009 | Co-organizer of the conference “Max Weber Fellows’ Contribution to Social Sciences and Humanities”, 10-12 June 2009, European University Institute, Florence, Italy |

Referee Activities

Journal and book proposal reviews: ANNALS of the American Academy of Political and Social Science, BMC Public Health, Comparative Education Review, Ethnic and Migration Studies, Ethnic and Racial Studies, Environment, Development and Sustainability, Explorations in Economic History, European Journal of Health Economics, European Journal of Population, European Sociological Review, Geografiska Annaler B: Human Geography, Natural Hazards, Routledge, PLoS ONE, Science, Social Force, Sustainability

Project proposal evaluation: Fund for Scientific Research (FNRS) Belgium, National Science Centre Poland, European Research Council Advanced Grant

Doctoral thesis examiner: Universitat Pompeu Fabra

- Scientific advisor** Project “Sustainable European Welfare societies: Assessing linkages between social and environmental policy” (The Research Council of Norway, Grant agreement number: 236930/H20)
United Nations Economic and Social Commission for Western Asia (UN-ESCWA)
- Panel member** Population and Development in Small Island Developing States Panel of the International Union for the Scientific Study of Population
- Membership** Asian Population Association, European Association for Population Studies, European Sociological Association, International Sociological Association Research Committee 28 (RC28) on Social Stratification and Mobility, International Union for the Scientific Study of Population, Population Association of America

TECHNICAL AND LANGUAGE SKILLS

- Methods training:** survey research design, models for categorical response data, panel data, structural equation model, hierarchical model, demographic analysis, policy evaluation
- Policy training:** Summer School in “European Union Law and Policy on Immigration and Asylum”, Université Libre de Bruxelles, Brussels, Belgium
- Software:** Stata, SPSS, MLWIN, ArcGIS, Excel, Endnote, Zotero
- Language skills:** Thai – native speaker
English – fluent in speaking, reading and writing
Italian – fluent in speaking and reading, intermediate in writing
Japanese – fluent in speaking, intermediate in reading and writing
French – basic comprehension