

## **Short CV Marie Thynell, Associate Professor Peace and Development Research**

University of Gothenburg  
School of Global Studies

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### **1. Academic degrees**

Associate Professor in Peace and Development Research, GU, 2012.  
Ph. D. (Doctor of Philosophy) in Peace and Development Research, GU, 2003.  
L. SSc. (Licentiate of Social Sciences) in Peace and Development Research, GU, 2000.  
M. A. (Master) in Latin American Studies, University of Gothenburg, 1989.

### **2. Post-doctoral positions**

2003-2005, Post Doc and Visiting Researcher at TRIPP, Indian Institute of Technology, IIT, New Delhi.  
2002-2003, Political Actors and Urban Development The Challenge of Curbing Motorized Mobility.  
2004-2005, Managing Modern Urban Mobility Systems, University of Gothenburg.

### **3. Employments**

2003- ongoing. Researcher, School of Global Studies, University of Gothenburg.  
1995-2003. PhD Candidate, Assistant Researcher and Teacher, Department of Peace and Development Research, University of Gothenburg.  
1991-1995. Assistant and Researcher, The Automobile in the Human and Natural Environment, Research programme, Section of Science and Technology Studies, University of Gothenburg.

### **4. Teaching**

International Relations – policy analysis, alternative and green perspectives  
International Development Research  
Sustainable Development and Sustainable Transport  
Sustainable Cities and the Future of Gothenburg  
Social Equity and Gender Equality

### **5. Languages**

Swedish (mother tongue) English and Spanish (proficiency)  
Portuguese, German, French (read and speak but not fluently)

### **6. Research interest**

Marie Thynell is active in the area of Development Research and Urban studies. She focuses on local expressions of global change such as global cities, sustainable city development, access and mobility, social equity and gender perspectives. A combination of methods is applied and the analysis builds on theoretical contributions from International Political Economy, Global City Research, Critical Development Research, and Environmental Governance. Thynell has extensive experience from in-depth, interdisciplinary approaches and learning in collaboration with stakeholders. She has carried out case

studies in Xian, Hanoi, New Delhi, Petrozavodsk, Skopje, Rome, Copenhagen, Brasília, Santiago, Nairobi, Jakarta, Santiago, Nairobi, Beijing and Hong Kong.

Her current research has three main agendas, *Firstly*, sustainable cities and air quality management engaging with climate change adaptation. Thynell is currently working on the nexus of science and policy in transdisciplinary research projects in Beijing, Hong Kong and Nairobi together with several researchers from the Gothenburg Air and Climate Science Center, GAC, (new name May 2016). See also the article on photochemical smog in China, and “‘There is no escape’: Nairobi’s air pollution sparks Africa health warning” published in The Guardian July 2016 <http://gu.com/p/4yx4q/sbl>, about air quality management and socio-economics in slum settlements.

*Secondly*, in *Coping with recurrent emergency: the self-organization of civil society in Jakarta during flooding* research on climate change as a potential driver of city development is targeted. In this project, the fragile aspects of global cities such as risks and socio-economic vulnerabilities are explored from the point of view of resilience and environmental stress caused by investment-driven city development and climate change. Furthermore, in times of climate change the role of the large and excluded urban population is explored from the point of view of inequality and participatory development.

*Thirdly* to explore the character of mass-motorisation in different kinds of the state-market relations a research agenda on international sustainable transport, focusing on the environmental and social aspects of access and mobility in cities has been developed. A long number of topics and cases have been documented together with policy work and interdisciplinary theorizing at the nexus of development and environment.

Thynell is trained as a researcher in international political economy and development studies and these research agendas come together in an overarching goal of challenging the division between the social and natural sciences in elaboration of larger dynamics of city development, theories of development, collective action, policy and cooperation in governance of resources. The transport and mobility research overlaps with some aspects of the global city and sustainable city studies. New, non-environmental determinist understandings of society-environment interactions are analysed and theorized, ones that can account for power, politics and social dynamics as well as unpredictable environmental change.

## 7. External Research Funding

2014, *Exposure to Urban Air pollution and its Impacts in Low-Income Settings in Nairobi, Kenya*. Financed by the Swedish Secretariat Environmental Earth Science Systems (SSEESS) The Royal Swedish Academy of Sciences, 1 000 000 SEK, Marie Thynell Co-Applicant.

2014-2018, *Photochemical Smog in China – Formation, transformation, impact and abatement strategies* Financed by the Swedish Research Council/VR, 25 000 000, SEK Marie Thynell Co-Applicant & Project Leader WP 4.

2014, *Att resa jämt i Sverige och Norge*. Financed by the Centre for Interdisciplinary Gender Research, GIG, University of Gothenburg, Planning Grant, Marie Thynell Applicant.

2012-2016, Sustainable Transport Initiative Area of Advanced Studies, Chalmers Technological University/ School of Business, Economics and Law, University of Gothenburg, 1 100 000 SEK.

2013-2016, *Coping with recurrent emergency: the self-organization of civil society in Jakarta during floodin*. Financed by the Swedish Research Council/VR, 3 000 000 SEK Marie Thynell Applicant.

2012-2013, *Looking into the Future A comprehensive analysis of the FUT programme Volvo Research and Educational Foundations* Financed by VREF, 4 300 000 SEK, Applicant Marie Thynell.

- 2010-2012, *Policy responses and civil mobilization in relation to threats of climate change in Jakarta*. Financed by the Swedish Research Council/VR, Planning Grant. Marie Thynell Applicant.
- 2009-2013, *Learning for Collaborative Energy Efficiency in Urban Residential Areas* Financed by FORMAS and Energimyndigheten, 6 000 000 SEK, Marie Thynell Co-Applicant.
- 2009-2011, *Eco-Region Baltic 21 Lighthouse Project*. Flagship project of the EU Strategy for the Baltic Sea Region (BSR) Financed by the EU Commission, 30 000 000 SEK, Marie Thynell Co-Applicant and Lead Partner Sustainable Transport.
- 2007-2009, *Sustainable transport and social justice. Cases in two rapidly growing cities: Hanoi and Xian*. Financed by SIDA/SAREK, 2 800 000, Marie Thynell Co-Applicant.
- 2006-2008, *Socio-Cultural constructions of sustainable mobility and their role in political and practical initiatives in Sweden*. Financed by MISTRA, 28 000 000 SEK, Marie Thynell Co-Applicant.

## 8. Publications

### Monographs

- 2017, Thynell, M., *Transition to Sustainable Transport* Routledge forthcoming.
- 2017, Thynell, M., Hellman, J., and Voorst, R., *Shaping Jakarta: Claiming spaces and rights in the city* Routledge forthcoming.
- 2014, Thynell, Marie and Christian Wolmar, eds, *Access and Mobility in Cities, The First Ten Years of the Future Urban Transport Programme*. 50 pp. Capito Förlag, Stockholm.
- 2010, Thynell, Marie, Schlyter, Ann and Hoai, Anh Tran, *Sustainable urban transport and social justice: Case studies in Ha Noi and Xi'an* Research Report. 190 pp. School of Global Studies University of Gothenburg,
- 2009, Thynell, Marie, "Social change and urban transport", Technical Document 2, *Transport Policy Advisory Series*, Division 44 Water, Energy and Transport German Technical Cooperation, GTZ/GIZ.
- 2003, Thynell, Marie, *The Unmanageable Modernity. An Explorative Study of Motorized Mobility in Development*. Ph. D. Thesis. Department of Peace and Development Research Gothenburg: Vasastadens Bokbinderi AB. Unpublished.
- 2000, Thynell, Marie and Elisabet Gajewska, *Bilismen i fokus. Det polska transportsystemet under övergången från kommunism till marknadsekonomi* KFB-rapport 2000: 64. Stockholm: Fritzes.
- 1998, Thynell, Marie, *Automobility in the perspective of International Political Economy of Development illustrated by two case studies: Tehran and Brasília*. Licentiate Thesis, Department of Peace and Development Research, University of Gothenburg, Sweden. Unpublished.
- 1995, Tengström, Emin Gajewska, Elisabet and Thynell, Marie, *Sustainable Mobility in Europe and the Role of the Automobile: A Critical Inquiry*. KFB-report 1995:17, Stockholm: Swedish Transport Board of Communications Research Board.

### Peer Reviewed International Journal Articles

- 2016, Hallquist Mattias et al "Photochemical Smog in China: Scientific challenges and implications for air quality policies" *National Science Review*, ENVIRONMENT/ECOLOGY.
- 2016, Thynell, Marie, "The quest for gender-sensitive and inclusive transport policies in growing Asian cities. *Social Inclusion, Transport Policy and Social Inclusion Vol 4 (3)* pp.72-82. Lisbon: Cogitatio.
- 2015, Wismans J., Nilsson Ehle, A. Thynell, M. et al "Status of Road Safety in Asia" *Journal of Traffic Injury Prevention Vol 17 (3)* pp.217-225. London: Taylor & Francis Group.
- 2010, Thynell, Marie, Tiwari, Geetam and Dinesh Mohan, "Sustainable Transport and the Modernisation of Urban Transport in Delhi and Stockholm" *Cities; The International Journal of Urban Policy and Planning Vol 27*, pp.421-429. London: Elsevier.

- 2008, Thynell, Marie, "Political Actors and Urban Development" in *Regional Development Studies (RDS) 2007 Vol 11* pp.127-154. An Annual Journal of the United Nations Centre for Regional Development Published in collaboration with the University of Nairobi.
- 2006, Thynell, Marie, Comment, "No Regret Land Use – Transport Strategies to Meet the Foreseen Future Stages of Economic Development, Urbanisation and Automobalisation" by Y., Hayashi in the *Regional Development Dialogue (RDD) Environment for Sustainable Development Vol 27 (1)* pp.147-150.
- 2005, Thynell, Marie, "Modernidad en movimiento: Cómo enfrentarse a la movilidad motorizada en Teherán, Santiago y Copenhague" *Journal of Latin American Urban and Regional Studies*, Vol 31(94) pp.55-77.

#### Book chapters

- 2015, Thynell, Marie, 'Framgångsrik energieffektivisering börjar och slutar med samverkan' ur *Gränsöverskridande stadsforskning – erfarenheter från sex hållbarhetsprojekt* eds. Olofsdotter, Björnberg & Kopp. Malmö: FORMAS, Energimyndigheten, Naturvårdsverket, Trafikverket and Riksantikvarieämbetet.
- 2014, Thynell, Marie, "Massbilismens gränser" kapitel 2 in *Det hållbara samhället* Mats Friberg, ed. Liber Förlag.
- 2016, Thynell, Marie, Kapitel 8 – "Att forska och ta lärdom av resultaten" in *Urban välfärd, effektiv energi*. Umeå: Borea Förlag.
- 2016, Ylva Norén Bretzer & Marie Thynell, Kapitel 1 – "Att effektivisera energi - - en angelägen fråga" in *Urban välfärd, effektiv energi*. Umeå: Borea Förlag.
- 2016, Ylva Norén Bretzer & Marie Thynell, Kapitel 7 – "Energieffektivisering ur de boendes perspektiv" in *Urban välfärd, effektiv energi*. Umeå: Borea Förlag.
- 2016, Ylva Norén Bretzer, Langlet, David, Sandoff, Anders & Marie Thynell, Kapitel 9 - "Drivkrafter bakom en energieffektiv omställning" in *Urban välfärd, effektiv energi*. Umeå: Borea Förlag.
- 2007, Thynell, Marie, "Women's and men's mobility, transport needs and CO2 emissions" Chapter 8 in *A study on gender equality as a prerequisite for sustainable development*, Environment Advisory Council, Sweden 2007:2, Ministry of the Environment Sweden, G. Johnsson-Latham. [www.sou.gov.se/mvb/](http://www.sou.gov.se/mvb/).
- 2005, Thynell, Marie, "The complex relationships between motorised mobility, societal development and sustainability" Chapter 8 in *Coping with Urban Transport Development: A Complex Issue* eds. Jönsson Gunilla and Tengström Emin. Heidelberg: Springer Verlag.
- 1998, Thynell, Marie, "Transporternas modernisering—ett exempel från trafiksystemet i Brasília" in: Sturesson, Lennart, ed., *Den attraktiva bilen och den problematiska bilismen* KFB-rapport 1998:39, pp.38-52. Stockholm: Kommunikationsforskningsberedningen.

#### Thematical journals, peer review

- 2014, Thynell, Marie "Urban Access", in *Access to Resources*, Mistra Urban Futures Series.
- 2011, Thynell, Marie and Andrej Tonderski, eds, *The EcoRegion Perspectives Energy and Transport, Baltic 21 Series No. 5/2011*.
- 2003, "¿Flexibilidad local versus hegemonía global? Repensando la movilidad moderna y la percepción predominante." *La Revista Tranvia* Número 24, 2 de septiembre, Santiago de Chile.

#### Other scientific articles in thematical journals, peer review

- 2016, Wismans, J., Skogsmo, I., Nilsson-Ehle, A., Lie, A., Thynell, M., & Lindberg, G. Road safety implications and opportunities for regions under increasing motorization. "Road Safety on Five Continents" RS5C, Conference, May 2016 Rio de Janeiro.

- 2014, Wismans, J., Skogsmo, I., Nilsson-Ehle, A., Lie, A., Thynell, M., & Lindberg, G., "Implications of Road Safety in National Productivity and Human Development in Asia" the Eighth Regional EST Forum in Asia, Colombo.
- Thynell, Marie, "Gender-sensitive policies in the area of urban transport; between research and international institutions" Published in Proceedings 'Women's Issues in Transportation - Bridging the Gap' TRA, IFSTTAR, Paris.
- 2011, Thynell, Marie, "Transport" in EcoRegion Findings Results from the Baltic 21 Ecoregion project p.26.
- 2011, Thynell, Marie, "Access and mobility" in EcoRegion Findings Results from the Baltic 21 Ecoregion project p.64.
- 2010, Thynell, Marie, "A window of opportunity: Integrating transport into socio-economic and spatial planning" in Territorial Cohesion - Baltic Sea Region examples. Baltic contribution to the revised Territorial Agenda of the European Union, *Baltic 21 Series No. 2/2011* 2pp.
- 2004, Thynell, Marie, "Managing Modern Urban Mobility Systems from the Perspective of Social Science" Article XI *World Congress of Urban Transport* CODATU Bucharest, Freeman & Jamet eds. Rotterdam: Balkema Publishers by Taylor and Francis.
- 2001, Thynell, Marie, "International Political Economy of Automobiliation and Motorization" Entry in the *Routledge Encyclopedia of International Political Economy*, Volume 1, pp.59-60.

## 9. Policy Contributions

- 2014, Thynell, Marie, *Facilitator, Panelist, Rapporteur and Co-writer* of The Colombo Declaration For the Promotion of Next Generation Low Carbon Transport Solutions in Asia. The Eighth Regional EST Forum organized by Ministry of Environment and Renewable Energy, Sri Lanka, Ministry of Transport, Sri Lanka, Ministry of the Environment, Japan, United Nations Centre for Regional Development (UNCRD) Clean Air Asia. See <http://www.uncrd.or.jp/?page=view&nr=116&type=13&menu=198#sthash.rjGMVVJC.dpuf>.
- 2013, Thynell, Marie, *Panelist, Rapporteur and Co-writer* of The Bali Declaration on Vision Three Zeros Zero Congestion, Zero Pollution, and Zero Accidents towards the Next Generation Transport Systems in Asia. The Seventh Regional EST Forum & Global Consultation on Sustainable Transport in the Post 2015 Development Agenda. See: <http://www.uncrd.or.jp/env/7th-regional-est-forum/index.htm>.
- 2011, Thynell, Marie, *Expert Reviewer* for the *Swedish Parliament Research Services*, 2011-3. "Planera för en tillgänglig och hållbar stad." 2010/11:RFR3 Sustainable cities commissioned by three Governmental Committees (Agriculture, Housing Traffic), Swedish Parliament. Stockholm.
- 2011, Thynell, Marie, The Swedish Parliament. *Presentation*: "Hållbara städer - från kunskap till praktik Hållbara transporter i staden" Första Kammarsalen, Sveriges Riksdag Stockholm.
- 2011, Thynell, Marie, *Co-writer* of *Chair's Summary by the Honorary State Minister of Urban Development, India*, Prof. Saugata Roy. New Delhi December. See: [http://www.uncrd.or.jp/env/6th-regional-est-forum/doc/ChairSummaryUMI2011\\_EST.pdf](http://www.uncrd.or.jp/env/6th-regional-est-forum/doc/ChairSummaryUMI2011_EST.pdf).
- 2011, Thynell, Marie, *Co-author* of the *Gdynia Declaration The future of the Baltic EcoRegion*. Gdynia, November. See www: <http://baltic-ecoregion.eu/index.php5/Final+Conference:168/1>.
- 2010, Thynell, Marie, *Co-author* of the *Bangkok Declaration for 2020 - Sustainable Transport Goals for 2010-2020*. Including: Afghanistan, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, People's Republic of China, Indonesia, India, Japan, Republic of Korea, Lao PDR, Malaysia, Maldives, Mongolia, Myanmar, Nepal, the Philippines, Pakistan, Singapore, Sri Lanka, Thailand, and Viet Nam. International organizations, bilateral and multilateral agencies, nongovernmental organizations

(NGOs), research org, and expert sustainable transport professionals. See: <http://www.uncrd.or.jp/env/est/index.htm>.

2009, Thynell, Marie, *Presenter and Co-author of the Seoul Statement*. Organizers: United Nations Centre for Regional Development (UNCRD), Ministry of Land, Transport, and Maritime Affairs (MLTM)-Republic of Korea, The Ministry of the Environment-Japan. National Government representatives from both the Ministry of Environment and Ministry of Transport from 22 Asian countries. See: [http://www.uncrd.or.jp/env/4th-regional-est-forum/index\\_seoul\\_statement.htm](http://www.uncrd.or.jp/env/4th-regional-est-forum/index_seoul_statement.htm).

2007, Thynell, Marie, *Co-author of the Kyoto Declaration; Asian Mayors' Policy Dialogue for Promotion of Environmentally Sustainable Transport in Cities*. Signed by 51 Asian Mayors and senior city/government representatives. See: <http://www.uncrd.or.jp/env/est/index.htm>.

2005, Thynell, Marie, *Co-author of the AICHI statement on environmentally sustainable transport adopted August 2005 by the ASEAN countries + Laos, Cambodia and Vietnam*. Signed by 48 Mayors in Asian cities. See <http://www.uncrd.or.jp/env/est/index.htm>.

## 10. Professional Service

2016, Thynell, Marie, *Member of Head Delegation from Swedish Universities to Indonesian Universities and Ministries*. Organised by Chalmers Technological University and the Swedish Foundation for International Cooperation for Research and Higher Education, STINT, Swedish Government.

2014-2017, Thynell, Marie, *Board Member of the Gothenburg Atmospheric Science Center*, University of Gothenburg.

2014, Thynell, Marie, *Member of Head Delegation from Swedish Universities to the Government of Indonesia*. The Swedish Foundation for International Cooperation for Research and Higher Education, STINT, Swedish Government.

2013 and ongoing, Thynell, Marie, *Board Member of the Environment Social Science Group* at University of Gothenburg.

2010 and ongoing, Thynell, Marie, Research collaboration *URBAN MOBILITY AND HEALTH* with IIT DELHI, the city of Kochi and University of Gothenburg, Chalmers and GMV.

2009, Thynell, Marie, *Expert Evaluator and Chair of research proposals submitted to The Research Council of Norway*.

2009-2010, Thynell, Marie, *Board Member of the Research Council*, FOR, School of Global Studies, University of Gothenburg.

2008-2011, Thynell, Marie, *Board Member of GADIP Gender and Development in Practice*, University of Gothenburg.

2005-2013, Thynell, Marie, *Expert Member of the World International Advisory Panel supporting the Kyoto World Cities Challenge*, EcoPlan International, Paris.

2005-ongoing, Thynell, Marie, *EST Forum Expert Staff* UNCRD and UNDESA. See also <http://www.uncrd.or.jp/index.htm>.

2004-2010, Thynell, Marie, *Research Member of the Gender Helpdesk* at the Global Center for Gender Studies. Swedish International Development Cooperation Agency (Sida) Policy Division and the Centre for Global Gender Studies (CGGS), University of Gothenburg and University of Stockholm.