



Associate Professor

Wijitbusaba (Ann) Marome, PhD

Current Positions:

Associate Professor in Urban Development Planning and Policy
Head of Thammasat University Research Unit in Urban Futures and Policy

Nationality: Thai

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Language: Thai (native), English (fluent)

Expertise

- Urban Development Planning
- Urban Development Policy
- Future Cities
- Climate Change & City
- Urban Resilience and Sustainable City

Educations

- 2009 University College London, Development Planning Unit, Bartlett, UK
PhD in Planning
- 2008 London Business School, UK
The New Revolution: Social Entrepreneurship in the 21st Century (certificate)
- 2007 London Business School, UK
New Venture Development (certificate)
- 2003 University of Bristol, Department of Politics, UK
MSc in Gender and International Relations
- 2000 Chulalongkorn University, Faculty of Architecture, Thailand
Bachelor in Architecture (Honour)

Research:

- 2022-2023 **Integrating Social Vulnerability Indexes into Land Use Planning: Case Study of Bangkok Metropolitan Region**
Funder: National Research Council of Thailand
- 2021-2024 **Linking Disaster Risk Governance and Land-use Planning: the case of informal settlements in hazard prone areas in the Philippines, Vietnam and Bangkok (LIRLAP)**
(Bangkok Team Lead)
Funder: Federal Ministry of Education and Research
Collaboration: the Institute of Spatial Planning (IRPUD), TU Dortmund University and the Institute of Spatial and Regional Planning (IREUS), University of Stuttgart
- 2020-2021 **Regional Circular and Ecological Spheres: Udon Thani City Region Resilience**
(Principle Investigator)
Funder: Institute for Global Environmental Strategies (IGES), Japan
- 2020-2022 **Global Future Cities South East Asia Programme: Transit-Oriented Development (TOD) Plan for Khlong Bang Luang area and Bang Wa BTS Station in Bangkok, Thailand**
(Local team lead researcher)
Funder: Prosperity Fund, United Kingdom
- 2020-2021 **Development of the Climate Technology Roadmap and Database: Adaptation, Sector: Human Settlement and Security**
(Human Settlement and Security Sector Lead)
Funder: Thai-German Climate Programme: Climate Policy, GIZ
- 2020-2021 **Climate Risk Map: Human Settlement Sector**
Funder: ONEP
- 2019 **An Assessment of a Stage of the Sustainable Development Goal in Thailand and Possible Alternatives of Economic, Social and Legal Measures: SDG-Goal 11 (Sustainable Cities and Communities)**
Funder: Thailand Research Fund (TRF)
- 2018-2019 **Urban Resilience Planning and Adaptive Urban Governance: A case study of Udon Thani City Region**
(Principle Investigator)
Funder: GIZ and in collaboration of ONEP and SEA START under an implementation of National Adaptation Plan

Research:

- 2017-2019 **Planning for Eco-cities and Climate-resilient Environments: building capacity for inclusive planning in the Bangkok Metropolitan Region (PEACE-BMR)**
(Principle Investigator)
Funder: Newton Fund (Institutional Link Programme) in collaboration with International Institute for Environment and Development (IIED) of the UK
- 2016 **Thailand Knowledge Assessment on Sustainable City**
(Principle Investigator)
Funder: Thailand Research Fund (TRF)
- 2015-2016 **The 2nd Thailand Assessment Report on Climate Change**
(Principle researcher for Resilient Settlement to Climate Change: A Case of Magacity)
Funder: Thailand Research Fund (TRF)
- 2014-2016 **Impact Evaluation for the Livelihood Support for the Urban Poor Project**
(Principle Investigator)
Funder: World Bank (Post-flooding Program)
- 2011-2016 **Coastal Cities at Risk (CCaR): Building Adaptive Capacity for Managing Climate Change in Coastal Megacities: Cases in Bangkok, Vancouver, Lagos and Manila**
(Bangkok team leader)
Funder: International Development Research Centre (of Canada)
International Research Initiative on Adaptation to Climate Change
- 2014-2015 **Characterizing Public and Private Adaptation to Climate Risks and Implications for Long-Term Adaptive Capacity in Asian Megacities (Mumbai, Manila & Bangkok)**
(Bangkok team leader)
Funder: Asia Pacific Network for Global Change Research (APN)
- 2014-2016 **Socioeconomic risk assessment of flooding in the urban area of Udonthani for the risk management of climate change**
(Principle Researcher)
Funder: Thailand Research Fund
- 2012-2013 **Private Sector Investment Decisions in Building and Construction: Increasing, Managing and Transferring Risks: Case Study of Thailand (Principle Researcher)**
For UNISDR's Global Assessment Report (2013)
In Collaboration with University College London, UK
- 2012-2013 **Thailand Country Report**
For The Third Global Observatory on Local Democracy and Decentralisation (GOLD III)
By the United Cities and Local Governments Asia Pacific (UCLG ASPAC)
- 2010-2013 **Incremental Housing: Thailand and Vietnam's Experiences**
(Principle Investigator)
In collaboration with Global Consortium for Incremental Housing, Massachusetts Institute of Technology
- 2011 **The First Thailand Assessment Report on Climate Change (The 1st TRAC), WGII: Impacts, Vulnerability and Adaptation**
(Principle researcher for Chapter: Vulnerability, Risk and Adaptation of Urban and Infrastructure, Thailand)
Funder: Thailand Research Fund (TRF)
- 2010-2011 **Enhancing Adaptation to Climate Change by Integrating Climate Risk into Long-term Development Plans and Disaster Management: Cases in Bangkok, Manila and Mumbai**
(Bangkok team leader)
Funder: Asian Pacific Network for Global Change Research (APN)
- 2010-2011 **A Development Guideline of Creative Economy for Social Equality in Urban Bangkok**
(Principle Investigator)

Publications:

- 2022 Natakun, B., Marome, W., Archer, D. (2022) "Co-identifying processes of community resources: Participatory planning for community resilience in Bangkok Metropolitan Region (BMR)" in the Kasetsart Journal of Social Sciences
- 2022 Marome, W., Rodkul, P., Mitra, M., Dusgupta, R., Kataoka, Y. (2022) "Towards a more sustainable and resilient future: Applying the Regional Circulating and Ecological Sphere (R-CES) concept to Udon Thani City Region, Thailand" in Progress in Disaster Science. Vol. 14 <https://doi.org/10.1016/j.pdisas.2022.100225>
- 2021 Marome, W., Natakun, B. and D. Archer (2021). "Examining the Use of Serious Games for Enhancing Community Resilience to Climate Risks in Thailand" Journal: Sustainability. Volume 13, Issue 8 (2021)
- 2021 Marome, W. and R. Shaw (2021). "Covid-19 Response in Thailand and Its Implications on Future Preparedness" Journal: International Journal of Environmental Research and Public Health. Volume 18, Issue 3 (2021)
- 2020 Archer, D., Marome, W., Natakun, B., Mabangyang, P. and N. Phanthuwongpakdee (2020). "The Role of Collective and Individual Assets in Building Urban Community Resilience" Journal: International Journal of Urban Sustainable Development. Volume 12, Issue 2 (2020), page 169-186
- 2019 Marome, W. and Polcharoen, T. (2019) Institutional Analysis of Limitations to Climate Resilient Urban Development Planning: the Case of Udon Thani Province. in Environment Asia, 12(3), DOI:10.14456/ea.2019.40
- 2019 Phanthuwongpakdee, N., Marome, W., Archer, D., and Boonanan Natakun (2019) Expect the Unexpected: Planning for Urban Resilience to Future Crises. International Symposium on Disaster Resilience and Sustainable Development. 7-8 March 2019. Thailand
- 2018 Marome, W. (2018) Chapter 6: Coping with Scarcity and Urban Water Governance: Case of Udon Thani's City Region. in Bhaswati Ray and Rajib Shaw (eds). Urban Drought: Emerging Water Challenges in Asia. Springer. Page 87-99.
- 2018 Marome, W., Archer, D., Natakun, B. and Nuttavikhom Phanthuwongpakdee (2018), The Value of Collective and Individual Assets in Building Urban Community Resilience. in Proceedings of IFoU 2018: Reframing Urban Resilience Implementation: Aligning Sustainability and Resilience in IFoU 2018: Reframing Urban Resilience Implementation: Aligning Sustainability and Resilience session Community Resilience. 10-12 December 2018. Barcelona, Spain. <https://sciforum.net/paper/view/f7336dde1814a5a8bc75664f6e680f09>
- 2018 Marome, W., Archer, D., Natakun, B. and Nuttavikhom Phanthuwongpakdee (2018) The Value of Collective and Individual Assets in Building Urban Community Resilience. 2018 Southeast Asia Disaster Risk Governance Academic Seminar. 24-26 September 2018. Thailand
- 2017 Book: Thailand Knowledge Assessment on Sustainable City. การประเมินองค์ความรู้ด้านเมืองยั่งยืนในประเทศไทย. นครปฐม: ศูนย์วิจัยและฝึกอบรมนิเวศวิทยาอุตสาหกรรม คณะสิ่งแวดล้อมและทรัพยากรศาสตร์ มหาวิทยาลัยมหิดล.
- 2017 Book: ศูนย์วิชาการนานาชาติด้านการเปลี่ยนแปลงสภาพภูมิอากาศ องค์การบริหารจัดการก๊าซเรือนกระจก (องค์การมหาชน) (ITC) (2560). วิจิตรบุษบา มารมย์ (ผู้ร่วมแต่ง) เมืองแห่งอนาคต: แนวทางการวางแผนพัฒนาเมืองและชุมชนภายใต้แนวคิดการปรับตัวต่อการเปลี่ยนแปลงภูมิอากาศ. สมุทรปราการ: โรงพิมพ์ปารวี
- 2017 Marome, W., Pholcharoen, T. & Wongpeng, N. (2017) Developing and Using Board Game as a Tool for Urban Social Resilience and Flood Management Planning in Bangkok Metropolitan Region. in Urbanisation 2(1), 1-10.
- 2016 Marome, W. (2016) Enhancing Adaptation to Climate Change by Impact Assessment to Flood in Bangkok. in Journal of Architectural Research and Studies 13 (2).
- 2016 The Second Thailand Assessment Report on Climate Change
Leading Author of Chapter: Resilient Settlement to Climate Change: A Case of Magacity (publication)
Thailand Research Fund (TRF)
- 2016 Marome, W. (2017) Chapter 23: River Basin and Land Use Lessons from Bangkok, Thailand. in Michiko Banba and Rajib Shaw (eds). Land Use Management in Disaster Risk Reduction. Springer
- 2015 Patankar, A., Patwardhan, A., Marome, W and Porio, E. Characterizing Public and Private Adaptation to Climate Risks and Implications for Long-Term Adaptive Capacity in Asian Megacities (Research publication) APN E-Lib, accessed February 24, 2016, <http://www.apn-gcr.org/resources/items/show/1897>.

Publications:

- 2015 Patankar, A., Patwardhan, A., Marome, W and Porio, E. **Characterizing Public and Private Adaptation to Recurring Floods and Implications for Long-Term Adaptive Capacity in Asian Megacities** (Research paper) APN Science Bulletin 2015, APN E-Lib, accessed February 24, 2016, <http://www.apn-gcr.org/resources/items/show/1990>.
- 2014 **Mapping and Measuring Social Vulnerability of Coastal Areas of Bangkok and Peripheries** (Paper) ICLEI Local Government for Sustainability
5th Global Forum on Urban Resilience and Adaptation 2014
- 2013 **Urban Risk and Vulnerabilities of Coastal Megacity of Bangkok** (Paper) ICLEI Local Government for Sustainability
4th Global Forum on Urban Resilience & Adaptation 2013
- 2013 Johnson, C., Adelekan, I., Arefian, F. Boshier, L., Jabeen, H., Kataria, S., Marome, W.A. and Zerjav, B., 2012. **Private Sector Investment Decisions in Building and Construction: Increasing, Managing and Transferring Risks**. Geneva, Switzerland: UNISDR. (Research paper)
- 2013 Marome, W.A., 2012. **Private Sector Investment Decisions in Building and Construction: Increasing, Managing, and Transferring Risks: A Case Study of Thailand**. Geneva, Switzerland: UNISDR. (Research paper)
- 2013 **The Third Global Observatory on Local Democracy and Decentralisation (GOLD III)** (Research publication) <http://www.uclg.org/en/issues/access-basic-services-gold-iii-report>
- 2013 **Impacts of Extreme Weather Events and Implications for Adaptation Planning for Coastal Cities** (Research paper) Patankar, A. (et.al) in APN Science Bulletin: 2013, APN E-Lib, accessed February 24, 2016, <http://www.apn-gcr.org/resources/items/show/1879>.
- 2012 **Bangkok: Data Need and Challenge** (paper) 2012 Advanced Institute Data on Coastal Cities at Risk
By IRDR, START, ICSU, NCDR
- 2012 **Enhancing Adaptation to Climate Change by Integrating Climate Risk into Long-term Development Plans and Disaster Management: A Case in Bangkok** (paper) 2nd Asia-Pacific Climate Change Adaptation Forum
by Adaptation Knowledge Platform, SEI, Sida and UNEP
- 2012 **Chapter 14: Gendered Mobility of Working Couples: A Case of soi Sukhumvit 22** Book Chapter in *Gender, Roads and Mobility in Asia*, edited by Kyoko Kusakabe
- 2011 **The First Thailand Assessment Report on Climate Change (The 1st TRAC), WGII: Impacts, Vulnerability and Adaptation**
Leading Author of Chapter: **Vulnerability, Risk and Adaptation of Urban and Infrastructure, Thailand** (publication)
Thailand Research Fund (TRF)
International Workshop on Building Adaptive Capacity for Managing Climate Change Risks in Asian Coastal Cities (CCaR II) (paper)
By START, East-West Center, APN, IRDR
Title: **Improving the Characterization of Impact Variables to Extreme Flood Events: A Case Study of the Flood 2006 in Bangkok**

Academic & Professional Experiences:

2000 - current	Lecturer and Associate Professor Faculty of Architecture and Planning, Thammasat University, Thailand (Associate professor appointed in December 2021)
2020 - current	Head of Thammasat University Research Unit in Urban Futures and Policy Thammasat University, Thailand
2015 - 2019	Head of Urban Futures and Policy Research Unit Faculty of Architecture and Planning, Thammasat University, Thailand
2014	Evaluation Team Member A Summative Evaluation of the Rockefeller Foundation's Asian Cities Climate Change Resilience Network
2012-2013	Subcommittee of the National Assembly The Subcommittee of Political and Social Situation Analysis
2012-2013	Associate Dean of International Affairs and Communication Development Faculty of Architecture and Planning, Thammasat University
2010-2012	Associate Dean of International Affairs Faculty of Architecture and Planning, Thammasat University

Awards:

2022	Finalist: UK Alumni Award Category: Science and Sustainability
2019	Community and Housing Development Award Community Organisation Development Institute (CODI), Thailand
2014	RAND Fellow RAND Cooperation, Pardee Rand Graduate School on Public Policy, Santa Monica, USA
2013	Best Young Researcher Award of Thammasat University