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Architecture and Planning
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EXPERTISE

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

EDUCATION

ค.ศ. 2009 | Ph.D. in Planning

University College London, Development Planning Unit, Bartlett, UK

ค.ศ. 2008 | Certificate

The New Revolution: Social Entrepreneurship in the 21st Century, London Business School, UK

ค.ศ. 2007 | Certificate

New Venture Development, London Business School, UK

ค.ศ. 2003 | M.Sc. in Gender and International Relations

University of Bristol, Department of Politics, UK

ค.ศ. 2000 | B.Arch.

Architecture (Honours), Chulalongkorn University, Faculty of Architecture, Thailand

PUBLICATIONS

- Marome, W., Natakun, B. and Archer, D. (2021). Examining the Use of Serious Games for Enhancing Community Resilience to Climate Risks in Thailand. *Sustainability*, 13(8), 1-14.
- Marome, W. and Shaw, R. (2021). Covid-19 Response in Thailand and Its Implications on Future Preparedness. *International Journal of Environmental Research and Public Health*, 18(3), 1-11.
- Archer, D., Marome, W., Natakun, B., Mabangyang, P. and Phanthuwongpakdee, N. (2020). The Role of Collective and Individual Assest in Building Urban Community Resilience. *International Journal of Urban Sustainable Development*, 12(2), 169-186.



PUBLICATIONS (CONT.)

- Marome, W. and Polcharoen, T. (2019). Institutional Analysis of Limitations to Climate Resilient Urban Development Planning: The Case of Udon Thani Province. *EnvironmentAsia*, 12(3), DOI: 10.14456/ea.2019.40
- Phanthuwongpakdee, N., Marome, W., Archer, D., and Natakun, B. (2019). Expect the Unexpected: Planning for Urban Resilience to Future Crises. *International Symposium on Disaster Resilience and Sustainable Development*, 7-8 March 2019, Thailand.
- 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*, 87-99.
- Marome, W., Archer, D., Natakun, B. and Phanthuwongpakdee, N. (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 Session Community Resilience*, 10-12 December 2018, Barcelona, Spain. <https://sciforum.net/paper/view/f7336dde1814a5a8bc75664fbc680f09>
- Marome, W., Archer, D., Natakun, B. and Phanthuwongpakdee, N. (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.
- วิจิตรบุษบา มารมย์. (2560). Book: Thailand Knowledge Assessment on Sustainable City. การประเมินองค์ความรู้ด้านเมืองยั่งยืนในประเทศไทย. นครปฐม: ศูนย์วิจัยและฝึกอบรมนิเวศวิทยาอุตสาหกรรม คณะสิ่งแวดล้อมและทรัพยากรศาสตร์ มหาวิทยาลัยมหิดล.
- วิจิตรบุษบา มารมย์ (ผู้ร่วมแต่ง). (2560). Book: ศูนย์วิชาการนานาชาติด้านการเปลี่ยนแปลงสภาพภูมิอากาศ องค์การบริหารจัดการก๊าซเรือนกระจก (องค์การมหาชน) (ITC). เมืองแห่งอนาคต: แนวทางการวางแผนพัฒนาเมืองและชุมชนภายใต้แนวคิดการปรับตัวต่อการเปลี่ยนแปลงภูมิอากาศ. สมุทรปราการ: โรงพิมพ์ปาร์วี.
- Marome, W., Pholcharoen, T. and Wongpeng, N. (2017). Developing and Using Board Game as a Tool for Urban Social Resilience and Flood Management Planning in Bangkok Metropolitan Region. *Urbanisation*, 2(1), 1-10.
- Marome, W. (2016). Enhancing Adaptation to Climate Change by Impact Assessment to Flood in Bangkok. *Journal of Architectural Research and Studies*, 13 (2), 31-40.
- Marome, W. (Leading Author). (2016). Chapter: Resilient Settlement to Climate Change: A Case of Magacity. *The Second Thailand Assessment Report on Climate Change*. Thailand Research Fund (TRF). (publication)

PUBLICATIONS (CONT.)

- 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.*
- Patankar, A., Patwardhan, A., Marome, W. and Porio, E. (2015). Characterizing Public and Private Adaptation to Climate Risks and Implications for Long-Term Adaptive Capacity in Asian Megacities. *APN Science Bulletin 2015, APN E-Lib*, accessed February 24, 2016. <http://www.apn-gcr.org/resources/items/show/1897>.
- Patankar, A., Patwardhan, A., Marome, W. and Porio, E. (2015). Characterizing Public and Private Adaptation to Recurring Floods and Implications for Long-Term Adaptive Capacity in Asian Megacities. *APN Science Bulletin 2015, APN E-Lib*, accessed February 24, 2016, <http://www.apn-gcr.org/resources/items/show/1990>.
- Marome, W.A. (2014). Mapping and Measuring Social Vulnerability of Coastal Areas of Bangkok and Peripheries. *ICLEI Local Government for Sustainability, 5th Global Forum on Urban Resilience & Adaptation, Bonn, Germany, 29-31 May 2014.* (Paper)
- Marome, W.A. (2013). Urban Risk and Vulnerabilities of Coastal Megacity of Bangkok. *ICLEI Local Government for Sustainability, 4th Global Forum on Urban Resilience & Adaptation, Bonn, Germany, 31 May – 2 June 2013.* (Paper)
- 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. *UNISDR, Geneva, Switzerland.* (Research paper)
- Marome, W.A. (2012). Private Sector Investment Decisions in Building and Construction: Increasing, Managing and Transferring Risks: A Case Study of Thailand. *UNISDR, Geneva, Switzerland.* (Research paper)
- Laquian, A.A. (et.al). (2013). Basic Services for All in an Urbanizing World. *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>
- Patankar, A., Patwardhan, A., Marome, W. and Porio, E. (2013). Impacts of Extreme Weather Events and Implications for Adaptation Planning for Coastal Cities. *in APN Science Bulletin: 2013, APN E-Lib, 3, 16-24.* accessed February 24, 2016. (Research paper) <http://www.apn-gcr.org/resources/items/show/1879>.
- Marome, W.A. (2012). Bangkok: Data Need and Challenge (paper) 2012 Advanced Institute Data on Coastal Cities at Risk by IRDR, START, ICSU, NCDR.

PUBLICATIONS (CONT.)

- Porio, E., Patankar, A., Patwardhan, A. and Marome, W.A. (2012). Enhancing Adaptation to Climate Change by Integrating Climate Risk into Long-term Development Plans and Disaster Management: A Case in Bangkok. *2nd Asia-Pacific Climate Change Adaptation Forum by Adaptation Knowledge Platform*, SEI, Sida and UNEP. (paper)
- Marome, W. (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.
- Marome, W. (2011). Chapter: Vulnerability, Risk and Adaptation of Urban and Infrastructure, Thailand (Leading Author of Chapter). *The First Thailand Assessment Report on Climate Change (The 1st TRAC)*, WGII: Impacts, Vulnerability and Adaptation (publication). Thailand Research Fund (TRF)
- Marome, W. (2011). Improving the Characterization of Impact Variables to Extreme Flood Events: A Case Study of the Flood 2006 in Bangkok. *International Workshop on Building Adaptive Capacity for Managing Climate Change Risks in Asian Coastal Cities (CCaR II)* By START, East-West Center, APN, IRDR. (paper)

RESEARCH

(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

(2020-2021)

- 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

RESEARCH (CONT.)

(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

(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)



RESEARCH (CONT.)

(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

RESEARCH (CONT.)

(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)
- Funder: Thailand Research Fund (TRF)