

Curriculum Vitae



Name Puntita Tanwattana, PhD.
Position Researcher, Professional Level
Affiliation Sustainable Environment Research Institute, Chulalongkorn University
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Education:

2012 Doctor of Philosophy in Policy sciences, Graduate School of Policy Sciences,
Ritsumeikan University, Kyoto, Japan
2008 Master of Urban Environmental Planning and Development, Faculty of
Architecture and Planning, Thammasat University
2006 Bachelor of Urban Environmental Planning and Development, Faculty of
Architecture and Planning, Thammasat University

Interest/specialist

- Community Based Disaster Risk Management (CBDRM)
- Climate adaptation and Disaster Resilience
- Gaming Simulation
- Urban Policy Planning
- Urban Environmental Planning
- Sustainable city and community
- Participatory planning

[Link to Puntita research 'outputs](#)

Employment Record:

- 2023-2027 Visiting researcher, the Research Organization of Open Innovation and Collaboration, Ritsumeikan University, Kyoto, Japan
- 2019-Present Researcher, Senior Professional Level (equiv. Asst. Prof.), Environmental Research Institute, Chulalongkorn University, Thailand
- 2013-2019 Researcher, Environmental Research Institute, Chulalongkorn University, Thailand
- 2010-2012 Teacher assistance, Graduate School of Policy science, Ritsumeikan University
- 2008-2009 Research assistance, Urban Environmental Planning and Development, Faculty of Architecture and Planning, Thammasat University

Administrative/Committee/ Board (Selected)

- 2026 Expert Reviewer, Intergovernmental Panel on Climate Change (IPCC)
- 2026-present Editorial Advisory Board, International Journal on Sustainability Governance
- 2021-present Member of Executive Committee of Sustainable Environment Research Institute, Chulalongkorn University
- 2025-present Director of TOP Green Executive Program, Chulalongkorn University
- 2024-present Head of Sustainable Envi Training Center (SETC), CU Envi Enterprise, Co. Ltd
- 2023-present Subcommittee, Academic support on Disaster Prevention and Mitigation and Climate Change Mitigation, Department of Disaster Prevention & Mitigation (DDPM), Ministry of interior, Thailand
- 2022-present Executive committee member of Thai Network for Disaster Resilience (TNDR)
- 2018-present Executive Committee, instructor and Secretary of Risk and Disaster Management Program, College of Interdisciplinary and Integrative Studies, Chulalongkorn University
- 2013-Present Editor Applied Environmental Research

Current Research

- 2026-2028 Evaluating the Long-Term Impacts of Gaming Simulation in Community Disaster Risk Reduction: Clarifying Its Functions through Institutional Change and Comparison with Other Approaches funded by FOST (Foundation for the Fusion of Science and Technology) [Main Researcher]

- 2026-2027 Enhance the Health Resilience of At-risk Communities against Climate Vulnerabilities in Critical Urban Centers of Thailand funded by Thai Network for Disaster Resilience and Rockefeller Foundation [Main Researcher]
- 2023-2026 Towards achieving just transition in rural communities: Green growth while leaving no one behind? funded by the National Research Foundation of the Republic of Korea, grant number 200-20230039 [Main Researcher]
- 2025-2026 Building Climate Resilience through Heat-Health Warning Network using the Information Technology of Smart City Platform funded by the Ratchadaphiseksomphot Endowment Fund of Chulalongkorn University [Project Member]

Former Research

- 2021-2025 A Study on Enhancing Comprehensive Disaster Management Capacities through Sustainable Disaster Learning Attained by Disaster Culture Transformation funded by JSPS, collaborative research with Ritsumeikan University [Main Researcher]
- 2023 Climate and Disaster Adaptation through Social Innovation funded by Impactful research and innovation platform: sustainable environmental research platform, Chulalongkorn University [Main Researcher]
- 2023 Tourism Stakeholders Engagement and Adaptation Toward Low Carbon Tourism funded by Impactful research and innovation platform: sustainable environmental research platform, Chulalongkorn University [Project leader]
- 2022-2023 Assessing the impact of drought on water quality and the community based drought disaster risk management, funded by Thailand Science Research and Innovation Fund Chulalongkorn University [Main Researcher]
- 2021-2022 Research project entitle “Toward a Carbon Neutral Destination: Developing low-carbon based tourism for Sustainable Tourism in Nan Province” funded by Ministry of Higher Education Science Research and Innovation (PMUC) [Project leader]
- 2021-2022 Research project entitle “Climate change and disaster management: A study and Development of Community Based Disaster Risk Management Model” funded by Impactful Research & Innovation Platform: Sustainable Environment, Chulalongkorn University [Main Researcher]

2021-2022	Research project entitle “Integrated Water Management during Drought Crisis for Sustainable Development in Thailand: A study of Vulnerability and Adaptation of Community in Drought Risk Area” funded by Thailand Science research and Innovation Fund (TSRI) [Main Researcher]
2020-2021	Project entitle “Nan Safe Tourism” funded by Ministry of Higher Education Science Research and Innovation [Project leader]
2020	Research project entitle “Creating Nan City toward Sustainable Green Tourism” funded by Ministry of Higher Education Science Research and Innovation (PMUC) [Project director]
2020	Research project entitle “Waste...is...NOT...waste...through...transformation...:- Enhancing Capabilities for Sustainable Waste Management System in Nan Municipality”.....by Ministry of Higher Education Science Research and Innovation (PMUC) [Project member]
2016-2020	Research project entitle “Haze Free Thailand: Land Use and Agricultural Supply-Chain Redesign Program to Reduce Haze” funded by the project of “Thailand Grand Challenge” of National Research Council of Thailand through Thailand Research University Network (RUN) [Project member]
2019	Research project entitle “Building Urban and Community Resilience through the process of Community Based Disaster Risk Management (CBDRM): A Case Study of Flood Disaster Risk Communities in Nan Town Municipality, Thailand” funded by “CU Community Engagement” Project of The Office of Strategy management and Budgeting, Chulalongkorn University [Project leader]
2018	Research project entitle “Scale up of Community-Based Disaster Risk Management (CBDRM) Process for Disaster Resilient City: Case Study of Disaster Risk Communities in Nan Province, Thailand” funded by “CU Community Engagement” Project of The Office of Strategy management and Budgeting, Chulalongkorn University [Project leader]
2017	Research project entitle “Scale up and Leverage of Community Based Disaster Risk Management (CBDRM) Process: Case Study of Disaster Risk Communities in Nan Province, Thailand” funded by “CU Community Engagement” Project of The Office of Strategy management and Budgeting, Chulalongkorn University [Project leader]

- 2016 Research project entitle “Redefinition of Asian Urban Theory through Practice of Policy Science” with Graduate School of Policy Science, Ritsumeikan University, funded by Asia Japan Institute Ritsumeikan (AJIR), Osaka, Japan 2016-2019 [Project member]
- 2016 Research project entitle “An Administrative Progress in Local Policy Implementation along the Change of National Policy”, The Scientific Research Grant by Ministry of Education, Culture, Sports, Science and Technology in Japan: (KAKENHI C), No. 26512014 (Representative of the project, Asst. Prof. Dr. Kyomi Matsuoka, 2014-2016) [Project member]
- 2016 Research project entitle “Building Community Based Disaster Risk Management Process: Case Study of Disaster Risk Communities in Nan Province, Thailand” funded by One Functional-unit One Community (OFOC) Project of The Office of Strategy management and Budgeting, Chulalongkorn University [Project leader]
- 2016 Research project entitle “A Survey of Haze Risk Area in Nan Province, Thailand” funded by Research Cluster on Climate Change and Disaster Management, Chulalongkorn University [Project leader]
- 2016 Research project entitle “Investigation of Traditional Knowledge and Practices for Adaptation to Extreme Weather events: Case Studies in Thailand” funded by Research Cluster on Climate Change and Disaster Management, Chulalongkorn University [Project member]
- 2015 Research project entitle “Building Local Community Awareness on Natural Disaster Preparedness: Case Study of Local Communities in Nan Province, Thailand” funded by One Functional-unit One Community (OFOC) Project of The Office of Strategy management and Budgeting, Chulalongkorn University [Project leader]
- 2015 Research project entitle “A study of Herbicide Contamination in Flood Risk Agricultural Area: A case Study of Agriculture Area in Nan Province” funded by Center of Excellence on Hazardous Substance Management [Project member]
- 2015 Research project entitle “Adaptation and Preparedness for Natural Disaster prevention: a Study on Applying Gaming Simulation in Community Based Disaster Risk Management (CBD RM)” funded by National Research Council of Thailand [Project leader]

- 2014 Research project entitle “Sustainable Integrated Water Resources Management around the Facilities Land Development of Chulalongkorn University at Kaengkhohi District, Saraburi Province” [Project member]
- 2014 Research project entitle “A Survey on Quality of Life and the Environment of an Electronic Waste Dismantling Community in Sue Yai Utit, Bangkok”. funded by the Ratchadaphiseksomphot Endowment Fund of Chulalongkorn University [Project member]
- 2014 Research project entitle “An Evaluation of Community Readiness for Self-management: Case of Climate Change Adaptation and Community Based Disaster Risk Management in Nan Province, Thailand”. funded by National Research University Project, Office of Higher Education Commission [Project leader]
- 2014 Research project entitle “Adaptation and Preparedness for Natural Disaster prevention: a Study on Applying Gaming Simulation in Community Based Disaster Risk Management (CBDRM)” Joint research between Environmental Research Institute, Chulalongkorn University and Graduate School of Policy Science, Ritsumeikan University [Project leader]
- 2013 Research project entitle “Tourism Planning of Paknum sub-district municipality, Bangkla district, Chachoengsao province, Thailand [Main Researcher]
- 2013 Research project entitle “Paradigm Shift of Community and Town Building by Civic Society” funded by the Thailand Research Fund (TRF) [Main Researcher]
- 2012 Doctoral dissertation entitle “Significance of Innovative Change in Community Development through Structure of Policy and Planning in Thailand” Doctor of Philosophy in Policy Science, Graduate School of Policy Science, Ritsumeikan University, Kyoto, Japan
- 2009 Research project entitle “Creating a community vision for the future of Sam Praeng community” research fund of Thammasat University. [Main Researcher]
- 2009 Research project entitle “A study on proceeding of local railway linkage in suburban area and university community (Thammasat University)”, in the part of participation of stakeholder, research fund of Office of Transport and Traffic Policy and Planning, Ministry of Transport. [Project member]

- 2009 Research project entitle “Design of gaming simulation for urban management and Urban Planning: A tools for empowering social network” Faculty of Architecture and Planning, Thammasat University. [Main Researcher]
- 2008 Research project entitle “Adopting and adapting the Japanese of floods disaster and historical city preservation: New approach of empowering community for disaster prevention” research fund of the Sumitomo Foundation, Japan [Main Researcher]
- 2008 Research project entitle “A study project of design alternative for Bo Farang community development” Collaboration between Faculty of Architecture and Planning, Thammasat University and Community organization Development Institute, Ministry of Social Development and Human Security. [Main Researcher]

Teaching (selected)

- 2022-Present “Climate and Disaster Resilience (International Course)”, General Education of Chulalongkorn University [Course coordinator and Main instructor]
- 2021-Present “Climate Change Mitigation and Adaptation”, Master of Risk and Disaster Management, Graduate School, Chulalongkorn University [Course coordinator and Main instructor]
- 2020-Present “Pollution Prevention and Control (International Course)”, General Education of Chulalongkorn University [Course coordinator]
- 2018-Present Topic “State of Environment and Climate Change” in Our Environment Course, General Education of Chulalongkorn University
- 2018-Present Disaster Management course, Master of Risk and Disaster Management, Graduate School, Chulalongkorn University
- 2016-Present Topic “Urban environment and management” in Sustainable Resource Management Course of Environment, Development and Sustainability Program, Graduate School, Chulalongkorn University
- 2016- Present Topic “Understanding urban and community resilience and sustainable city” in Understanding Environment, Development and Sustainability Course of Environment, Development and Sustainability Program, Graduate School, Chulalongkorn University

Speaker/Reviewer/Moderator (Selected)

2026	Speaker; topic NbS for Managing Flood Risks and landslide in The Asian Disaster Preparedness Center (ADPC) training course on ‘Nature-based Solution for Disaster and Climate Resilience’
2026	Speaker; topic Climate Risk and Disaster Resilience: Urban and Community Research in the Global Summer School on Climate Change and Human Mobility by Chiang Mai University (CMU), the Asian Institute of Technology (AIT), and Thammasat University.
2026	Speaker; topic ‘Operationalising Climate Justice and Inclusive DRR: Case Studies from Thailand’ in the module ‘Co-learning for disaster and climate justice’ of the MA Education and International Development cluster, UCL Institute of Education
2026	Speaker; topic Living the Flood lines: Climate Resilience Without Leaving Anyone Behind by Harvard Undergraduates In Asia Program (HUAP)
2025	Discussant; topic Climate Crisis on The Crisis Management Conference 2025
2025	Speaker; topic Community Engagement: Focus on Vulnerable Group (Minorities) in The Asian Disaster Preparedness Center (ADPC) training course on ‘Disaster Risk Management for Sustainable Development’
2025	Speaker; topic NbS for Managing Flood Risks in The Asian Disaster Preparedness Center (ADPC) training course on ‘Nature-based Solution for Disaster and Climate Resilience’
2025	Speaker; topic Importance of Sustainability in the Sustainability Governance Program by Development Academy of the Philippines (DAP)
2025	Speaker; topic Urban and Community Based Disaster Risk Resilience in the Webinar 5: Smart and Sustainable: Integrating Technology for Urban Environmental Well-being, Episode 1: Building Resilient Cities: Innovative Solutions for Natural Disaster Preparedness by Health City Network
2025	Reviewer; Simulation and Gaming
2025	Reviewer; Health Research Policy and Systems
2025	Reviewer; Climate Policy
2024-2026	Reviewer; Progress in Disaster Science
2024	Reviewer; Executive program on Disaster Management of Asian Disaster Preparedness Center (ADPC) and Department of Disaster Prevention & Mitigation (DDPM), Ministry of interior, Thailand

2023-2024	Reviewer; International Journal of Disaster Risk Reduction
2023-2024	Speaker; topic “Preparedness for Response and Recovery (Cases, Principles and Concepts)” in The Asian Disaster Preparedness Center (ADPC) - Training Course on Localizing Disaster Risk Reduction for Anticipatory Action
2023	Reviewer; Journal of Agriculture Policy
2023	Reviewer; Research in globalization
2022	Speaker on Social Innovation toward Carbon Neutral Tourism: BCG in Action of Nan City, Thailand in A carbon Neutral Society Action Month Live Webinar Series by The Association of Pacific Rim Universities (ARPU) June 10, 2022
2022	Speaker on Climate justices: Community Based Drought and Flood Risk Management in Worldwide Climate Justice Teach-in by The Association of Pacific Rim Universities (ARPU) March 30, 2022
2021	Speaker on community training program on the topic of “Basic knowledge for land slide, storm, flood and earthquake” for Huaymee community, Nan Province, 20 July
2020	Speaker on the topic “Human security and equity” hosted by Human security and equity research unit, 24 June
2020	Speaker on the topic “Disaster Risk Map” and “Gaming Simulation for Disaster Management”, for ETV channel
2020	Speaker on the topic “Community Based Disaster Risk Management in nan Province” for Thai health Promotion Foundation, 27 January, Nan Municipality
2019	Moderator of Seminar entitle “Our Future of Work: Green Job for Climate Action” by International Labour Organization and Environmental Research Institute, Chulalongkorn University, 29 August 2019
2019	Moderator of Seminar entitle “Environmental Justice: Inclusive and Sustainable Development from Ecological and Political Perspective”, 3 July 2019 by Social Research Institute, Chulalongkorn University and Human Security and Equity research Unit [bilingual]
2019	Reviewer 10 th Built Environment Research Associates Conference (BERAC)
2018	Moderator of International Conference entitle “Social and Sustainability Science in ASEAN: Agri-Food Systems, Rural Sustainability and Socioeconomic Transformations”, 23-25 January 2018 by Chulalongkorn University, UNESCO, APAARI, SEI and SIANI

- 2018 Moderator of Seminar on World Town Planning Day, entitle “Sustainable Urban Planning”, 8 November 2018 by Department of Public Works and Town & Country Planning [bilingual]
- 2018 Reviewer Disaster Risk Governance Academic Seminar, International Federation of Red Cross and Red Crescent Societies (IFRC)
- 2018 Reviewer Environment and Natural Resources Journal
- 2018 Reviewer Environment, Development and Sustainability
- 2018 Reviewer Kasetsart Journal of Social Sciences
- 2017-2018 Reviewer Journal of Architectural/Planning Research and Studies (JARS)
- 2017 Moderator of International Seminar entitle “Japan-Thailand-ASEAN: SDGs Partnership”, 21 August 2017 by Institute of ASIAN Studies, Chulalongkorn University and Japan Foundation
- 2017 Speaker on the topic “Gaming Simulation for Disaster Mitigation” in Gaming Simulation Method (International course) at College of Policy Science, Ritsumeikan University, Japan, May 11, 2017
- 2017 Visiting scholar at the Research and Development Institute of Regional Information, Ritsumeikan University, Ibaraki City, Osaka, Japan for the Research Topic of ‘Adaptation and Preparedness for Natural Disaster Risk Reduction’ during 17th April to 14th May in 2017
- 2016 Reviewer Life Sciences, Society and Policy
- 2016 Speaker on the topic “Environmental Resilience” in the Annual Conference of Japanese Studies Association of Thailand, “Rikkoku: Thailand – Japan” on 15 December 2016 at Chulalongkorn University
- 2016 Expert advisory team on “The Project for Promoting Sustainability in Future Cities of Thailand” by Japan International Cooperation Agency (JICA) and Office of the National Economic and Social Development Board (NESDB), Study Area at Nan Province, Thailand
- 2016 Moderator of Seminar entitle “Flood and Drought – Collaboration between Agriculture and Urban Area”, 26 May 2016 by Environmental Research Institute, Chulalongkorn University [in Thai]
- 2015 Speaker on the topic “Gaming Simulation for Urban Flood Disaster: The New Language of Urban Design, what it could be” in The Urban Think-Tank Lecture Series 2015 1st Semester, Food Brain Lecture Series of Department of Urban and Regional Planning, Faculty of Architecture, Chulalongkorn University

- 2015 Vice Chairman of Pilot Community Program of Nan Town Municipality in The 22nd International Conference on Safe Communities 2015 by WHO on 22-25 November, 2015 at Nan Province, Thailand
- 2015 Moderator of Seminar entitle “Disaster – How is Thailand’s Readiness?, 14 August 2015 by Environmental Research Institute, Chulalongkorn University [in Thai]
- 2014 Moderator of International Expert Dialogue on “Applying Resilience Concept for Climate Change Study and Disaster Management in Thailand Context” on 17 June 2014 by Environmental Research Institute, Chulalongkorn University
- 2014 Co-organizer of Collaborative Workshop entitle “Ritsumeikan-Chulalongkorn University Collaborative Workshop 2014: Design Workshop for Preventing Natural Disaster on Urban Cultural Heritage and Traditional Architecture” at Ritsumeikan University Kyoto, Japan
- 2013 Speaker on the topic “Thais Learning from and with Japan about Sustainable Development and Sufficiency Economy” in Summer School of “Buddhist Economics, Sufficiency Economy, and Sustainable Livelihood” by Centre for Intercultural Communication continuing Studies, The University of British Columbia (UBC), 25 October, 2013 at Thammasat University
- 2008 Coordinator of Summer Workshop 2008 title “Planning for policy formulation of urban poor development and conservation of historical cultural areas in Bangkok” International collaboration workshop between Faculty of Architecture and Planning, Thammasat University and School of Policy Science, Ritsumeikan University. During 21-31 August 2008
- 2008 Coordinator of International seminar program title “Urban planning and conservation policies for cultural heritages” and International Training Workshop Title “Urban gaming and simulation and urban design for cultural heritages” International collaboration between Faculty of Architecture and Planning, Thammasat University, College of Policy Science, Ritsumeikan University and University of Sassari at Faculty of Architecture and Planning, Thammasat University During 25 July – 3 August, 2008

Conference and Presentation

- 2026 Co-organizer in a Special Session at the 16th Annual Conference of the International Society for Integrated Disaster Risk Management (IDRiM), ‘Resilient

- Cities in Multi-Hazard Crises: Bridging Innovation, Implementation Science, and Grassroots Action’ in Bali, Indonesia, from 5-9 September 2026.
- 2026 Organizing committee, AIWEST – DR 2026, 18th Aceh International Workshop and Expo on Sustainable Disaster Recovery, Bangkok Thailand 22-24 July 2026
- 2026 Patcharida Pobthawon and Puntita Tanwattana, ASSESSING FLOOD MANAGEMENT SYSTEMS FOR VULNERABLE OLDER ADULTS IN BANGKOK, The 4th TNDR National & International Conference at Faculty of Environment and Resource Studies, Maharakham University on August 27–28, 2026
- 2026 Lestari Rahayu and Puntita Tanwattana, Anticipating Cascading Disaster: An AHP Approach to Identifying Key NATECT Risk Indicators in Thai Industrial Estate, The 16th International Conference of the Integrated Disaster Risk Management (IDRIM) 2026, 5-9 September 2026, Bali Indonesia
- 2026 Nichakamon Tuncharn and Puntita Tanwattana, Extract Indigenous Traditional Knowledge for Drought Resilience: Case Study of Suphan Buri, The 18th Aceh International Workshop and Expo on Sustainable Disaster Recovery (AIWEST-DR 2026), 22-24 July 2026, Bangkok, Thailand
- 2024 Mark Jester Lim and Puntita Tanwattana, A Study of Resilience Indicators for Urban Disasters Caused by Natural Hazards in the Philippines, the 2nd TNDR International Conference: Be Better: Disaster Resilience for Better Society, 12 July 2024, Naresuan University, Thailand
- 2024 Toyoda Yusuke*, Tanwattana Puntita ‘Gaming Simulation for Identifying Differences in Flood Risk Management Knowledge between University Students and Flood-Experienced Community Members’ Faculty of Liberal Arts, Mahidol University “1st International Conference on Humanities and Social Sciences 2024” 6th June – 7th June 2024, Online & The Sukusol Bangkok Hotel, in Bangkok, Thailand.
- 2023 Puntita Tanwattana* and Patharapol Piamsomboon ‘VULNERABILITY OF CLIMATE RISK HOUSEHOLD IN COASTAL AREAS: POSSIBILITY OF ENHANCING RESILIENCE AND ADAPTATIBILITY’ “International Forum on Climate Adaptation (IFOCA) 2023”, scheduled for 23-25 October, 2023 in Bangkok, Thailand
- 2023 Toyoda Yusuke*, Tanwattana Puntita ‘Grasping Flood Risk Management Knowledge by Gaming Simulation’ NERPS (Network for Education and Research on Peace and Sustainability) “Proceedings of NERPS (Network for Education and

- Research on Peace and Sustainability) Conference 2023” p.36, 28th February – 3rd March, 2023, Online & AIT (Asian Institute of Technology), in Pathum Thani, Thailand.
- 2022 Toyoda Yusuke*, Tanwattana Puntita ‘Collecting Local Practice on Flood Management by Gaming Simulation and Focus Group Discussion’ (the Association of Pacific Rim Universities) “17th APRU (Association of Pacific Rim Universities) Multi-Hazards Symposium 2022” 29th-30th November, 2022, Mandarin Hotel Bangkok (Samyan), in Bangkok, Thailand and Online.
- 2022 Toyoda Yusuke* and Tanwattana Puntita ‘Advantages of Gaming Simulation in Local Disaster Knowledge Extraction: Comparing with Focus Group Discussion’ Japan Association of Simulation and Gaming “2022 Autumn National Conference of Japan Association of Simulation and Gaming” pp. 26-27, 5th-6th November, 2022, National Institute of Technology, Asahikawa College, in Hokkaido, Japan + Online [in Japanese].
- 2022 Toyoda Yusuke*, Tanwattana Puntita ‘Gaming Simulation as a Communication and Learning Tool for Transformation’ Asia Pacific Sociological Association (APSA) “17th Asia Pacific Sociological Association 2022 Conference” 28-29 October, 2022, Chulalongkorn University, in Bangkok, Thailand and Online.
- 2022 Xiaoxi Guo and Puntita Tanwattana. “Investigation and Analysis on Participation for Sustainable Development of Smart Residential Areas in Kunming ---- A Case Study of Jin Yuan Sponge Practice” 11th International Conference on Environmental Engineering, Science and Management, Pathumwan Princess Hotel, Bangkok, Thailand, May 12-13, 2022
- 2021 EDO ANDRIESSE and PUNTITA TANWATTANA, “The drought threat in Southeast Asia: A case study of the Eastern Economic Corridor in Thailand” KASEAS-CSEAS Joint Conference 2021, 12 November 2021
- 2021 Puntita Tanwattana, Webinar on “Necessary Qualities of Sustainable Regional Policies dealing with Disaster Risks” title "Regional and Local Policy Supporting Local Communities Flood Disaster Risk Reduction in Thailand" 18 February 2021 by Research Center for Sustainability Studies, Ritsumeikan University, Japan
- 2019 Supintuda Suksant, Isaac Jamieson, Nij Tontisirin and Puntita Tanwattana, “A pilot study on measures to reduce the creation of plastic waste at a university campus in Thailand”, The 16th Pacific Regional Science Conference Organization

- Summer Institute (PRSCO): New Landscape of Data and Sustainable Development, Chulalongkorn University, July 25-27, 2019.
- 2018 Yusuke Toyoda and Puntita Tanwattana, Enhancing Social Resilience of Students by Applying Gaming Simulation for Community-based Disaster Risk Management to Disaster Education, International Simulation and Gaming Association (ISAGA 2018) Active Learning and Neo-Simulation & Gaming: Sharing Wisdom, 9th–13th (Monday-Friday) July 2018, Faculty of Fine Arts, Mahidol University, Salaya Campus, Nakorn Pathom, Thailand
- 2017 Puntita Tanwattana, Chantra Tongcumpou, Suthirat Kittipongvises and Tansiphorn Janhom, ‘Paddy Raft: Resilience Practice of Thai’s Farmer to Flood and Drought’ on the panel titled “Thai Studies and Climate Change: Local Multiplicity and Global Connectivity (2)” for the 13th International Conference on Thai Studies ‘Globalized Thailand? Connectivity, Conflict and Conundrums of Thai Studies’, 15-18 July 2017 in Chiang Mai, Thailand.
- 2016 Puntita Tanwattana, ‘Community Based Flood Disaster Risk Reduction: Readiness and Adaptation of Flood-Prone Community, Thailand’ in 14th PRSCO Summer Institute, ‘CHALLENGES IN SUSTAINABLE CITIES’ by The Pacific Regional Science Organization (PRSCO), June 27-29, 2016, Bangkok, Thailand
- 2015 Puntita Tanwattana, ‘Innovation by Flood-Prone Community: Nan Safety Model for Disaster Risk Reduction’, The 22nd International Conference on Safe Communities, Nan Province, Thailand, 22-25 November 2015.
- 2015 Puntita and Toyoda Yusuke ‘A Prototype of Community Cooperation Game: A Simulation Game of Community Based Flood Disaster Management’ “The 46th ISAGA Annual Conference: Hybrid Simulation & Gaming in the Network Society” pp. 6-P-114 - 6-P-115, 17th-21st July, 2015, Suzaku Campus, Ritsumeikan University, in Kyoto: Japan. (Poster Presentation)
- 2015 Puntita Tanwattana, ‘Community Invention for Flood Risk Reduction’, Diver S City for Diversity Young Researchers’ Round Table Design for Risk Reduction’, University of Sassari, Italy, 5-6 September 2014. (Poster Presentation)
- 2014 Presentation title "Applying Resilience Concept for Climate Change Study and Disaster Management in Thai Context" in GMS Seminar on Climate Change and Sustainable Natural Resources Management (GMSCC) on 3-4 December 2014 at Chiangmai, Thailand

- 2014 Presentation title “Applying Resilience Concept for Climate Change Study and Disaster Management in Thai Context” in Asia Resilience Vision Forum at Chulalongkorn University, Thailand on 12-14 September 2014.
- 2012 Presentation title "Differences between OTOP movement and Non-OTOP movement: Roles of local leaders for self-reliance and regional development in Thailand". In the International Symposium 2012 “Significance of the OTOP/OVOP Movement and Policy”, December 13, 2012 at Institute of East Asian Studies, Thammasat University.
- 2011 Presentation title ‘Possibilities and limitations in building innovative cooperation between community organizations and local government: a case study of chonaikai (neighborhood association) in Japan’, in The Second International Conference on Sustainable Future for Human Security (Sustain’2011); the 186th Symposium in Sustainable Humanosphere, 10th October, 2011, Kyoto University, Kyoto, Japan.
- 2011 Presentation title “Building Community Safety - Roles of Neighborhood Association (Chonaikai) in Kameoka City, Kyoto Prefecture, Japan” in The 9th Japanese Studies Association conference of Korea at Daegu, South Korea, July, 2011
- 2011 Presentation title “Community safety policy: A Case Study of Kameoka City in Japan and Amphawa District in Thailand” in JSPS International Training Program 2011 at Faculty of Architecture and Planning Thammasat University, (Rangsit Campus), Pathum Thani Province, Thailand 23rd August – 31st August 2011
- 2010 Presentation title “Innovative Approach in Community Participation A Case Study of The Network of Ban Jum Rung Community Organization in Rayong Province, Thailand” in Symposium on “Community Participation for Sustainable Development” 24th February 2011 at Institute of East Asian Studies, Thammasat University, Thailand.
- 2010 Presentation title “Role of Rural Community in Regional Development: Knowledge Based Activity in Community Organization, Rayong, Thailand” in Keio-Rits JDS Workshop, 3rd December 2010 at Ritsumeikan University, Suzaku Campus, Kyoto, Japan
- 2010 Presentation title “What drive sustainability in Raft House Community of Tourism Development? Related to Earthquake Risk Area, Kanchanaburi Province, Thailand” in JSPS International Training Program 2010 at the Center

- for Disaster Mitigation of Urban Cultural Heritage, Graduate School of Policy Science, Ritsumeikan University, Kyoto, Japan 23rd August – 31st August 2010
- 2010 Presentation title “Human Resource Development as Social Capital for Community Development: A Chronology Study of Rural Community development in Oita Prefecture, Japan” in Symposium on “Human Resource Development in Regional Society” 19th February 2010 at Institute of East Asian Studies, Thammasat University, Thailand.
- 2009 Presentation title “Traditional Commercial Community Vision: Building Community by Gaming Simulation: A Case Study of Sampraeng Community, Bangkok, Thailand” in JSPS International Training Program 2009 at Faculty of Architecture University of Trieste, Italy.

Publication

Research Article

- 2024 Puntita Tanwattana & Yusuke Toyoda, Climate resilience action to policy: embodied community-based climate risk resilience (CBCRR) in drought prone community in Thailand’s economic corridor, Climate Policy, DOI: 10.1080/14693062.2024.2430682
- 2023 Yusuke Toyoda and Puntita Tanwattana* (2023), “Extracting local disaster knowledge through gamification in a flood management model community in Thailand” Progress in Disaster Science 20 (2023) 100294 DOI: <https://doi.org/10.1016/j.pdisas.2023.100294>
- 2023 Puntita Tanwattana and Edo Andriesse (2023) Worsening Droughts and Coping Challenges of Rural Households in Chachoengsao Province, Thailand. The Southeast Asian Review. KASEAS. Vol 33. No. 2, May 2023 DOI : 10.21652/kaseas.33.2.202305.115
- 2023 Sofia Anna Enrica Cavalleri, Clemens M. Grünbühel, Puntita Tanwattana (2023) Urban-Rural Links for Sustainable Food Consumption in Bangkok. Int. J. Food System Dynamics 14 (1), 2023, 46-57. DOI: <https://dx.doi.org/10.18461/ijfsd.v14i1.E3>
- 2022 Cavalleri SAE, Tanwattana P and Grünbühel CM (2022) Systemizing a rural livelihood diversification framework for sustainable community-based agritourism: A participatory approach to ensure resilience. Front. Sustain. Food Syst. 6:993892. doi: 10.3389/fsufs.2022.993892

- 2022 Xiaoxi Guo and Puntita Tanwattana. "Investigation and Analysis on Participation for Sustainable Development of Smart Residential Areas in Kunming ---- A Case Study of Jin Yuan Sponge Practice" 11th International Conference on Environmental Engineering, Science and Management, Pathumwan Princess Hotel, Bangkok, Thailand, May 12-13, 2022
- 2021 Nannapat Hanyuth, Juthasinee Thanyapraneedkul, Bundit Anurugsa and Puntita Tanwattana. Online Mapping for Landslide Disaster Preparedness in Bo Kluea Nuea District, Nan, Journal of Science and Technology RMUTSB, Vol. 1, 2021, P.46-59.
- 2018 Puntita Tanwattana. 'Systematizing Community-Based Disaster Risk Management (CBDRM): Case of Urban Flood-prone Community in Thailand Upstream Area', *International Journal of Disaster Risk Reduction*, Vol. 28, 2018, 798-812.
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Patent/Petty Patent

2026 Petty patent for the invention, the “Simulation Card Game for Investment in Greenhouse Gas Emission Reduction in the Tourism Sector.” (the Coinbon Game) under Chulalongkorn University and Department of Intellectual Property, Thailand

Certification (selected)

2025 CIRCO-Professional training class (Creating Business Through Circular Design) by CIRCO Hub Thailand

2025 Human Subject Protection (HSP) Certification

2023 University Holding Company Directorship Certification Program (UHCDP)