

Assoc. Prof. **NATT LEELAWAT, D.Eng.,MBCI**

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ORCID: 0000-0001-5158-2584 :: IEEE Senior Member

Assistant Dean (Communications and International Affairs)

Faculty of Engineering, Chulalongkorn University

Head

Disaster and Risk Management Information Systems Research Unit, Chulalongkorn University

Assistant Professor

Department of Industrial Engineering, Faculty of Engineering, Chulalongkorn University

Guest Professor (Global)

Graduate School of System Design and Management, Keio University



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Tokyo Tech Alumni Stories - Natt Leelawat applies his expertise to disaster and risk management in Thailand

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Research Interests
Disaster and Risk Management
Business Continuity Management
ICT for Disaster Risk Reduction
Disaster Data Science
Management Information Systems
Business Process Management
System Analysis and Design
Disaster Education

Education

- 2013-2016 **Doctor of Engineering** (Industrial Engineering and Management)
Tokyo Institute of Technology, Japan (Japanese Gov. Scholarship)
- 2011-2013 **Master of Engineering** (Industrial Engineering and Management)
Tokyo Institute of Technology, Japan (Japanese Gov. Scholarship)
- 2003-2007 **Bachelor of Science (1st Class Honours)** (Information Technology)
Sirindhorn International Institute of Technology (SIIT),
Thammasat University, Thailand (Bank of Thailand Scholarship)

Experience

- 2023-present **Guest Professor (Global)**, Keio University (Japan)
- 2021 **Invited Lecturer**, KMITL (Thailand)
- 2020-2023 **Director**, Risk and Disaster Management Program,
Graduate School, Chulalongkorn University (Thailand)
- 2020-present **Assistant Dean (Communications and International Affairs)**,
Faculty of Engineering, Chulalongkorn University (Thailand)
- 2018-present **Research Unit Head**, DRMIS, Chulalongkorn University (Thailand)
- 2017-present **Lecturer**, Chulalongkorn University (Thailand)
- 2017-present **Adjunct Faculty Member**, SIIT, Thammasat University (Thailand)
- 2016-2017 **Assistant Professor**, Tohoku University (Japan)
- 2016 **Postdoctoral Researcher**, Tohoku University (Japan)
- 2013-2016 **Research Assistant**, Tokyo Institute of Technology (Japan)
- 2007-2009 **System Analyst**, Bank of Thailand

Awards

- 2023 **2022 Outstanding Alumni Award**-Samsenwittayalai Alumni Association (Thailand)
- 2022 **Best Paper Award**-40th IE Network 2022 (Thailand)
- 2021 **Best Paper Award**-2nd ICA-SYMP 2021 (Thailand)
- 2019 **Young Outstanding Alumni Award**-Tokyo Tech Alumni Association (Thailand Chapter)
- 2019 **Coastal Engineering Journal Citation Award**-JSCE (Japan)
- 2018 **SakIntania's Young Lecturer Award**-Chula Engineering (Thailand)

2018	Selected Representative of Thailand -NSTDA GYSS2018 (Singapore)
2017	Certificate of Outstanding in Reviewing -IJDRR, Elsevier
2016	Finalist -Falling Walls Young Innovator of the Year (Germany)
2016	3rd PLACE Award -Falling Walls Lab Sendai (Japan)
2016	Poster Award -First Business Plan Competition (Japan)
2015	Best Presentation Award -4th Int. Edu.Forum Env.&Energy Sci. (USA)
2015	Best Collaboration Award -4th Int. Edu.Forum Env.&Energy Sci. (USA)
2015	Best Paper Award -6th SUSTAIN Conf. (Indonesia)
2014	Dean Award -GSDST, Tokyo Tech (Japan)
2013	Best Collaboration Award -2nd Int. Edu.Forum Env.&Energy Sci.(USA)
2011	Best Presentation Award -4th Thailand-Japan Int. Acad. Conf. (Japan)

Scholarships

2010-2016	Japanese Government Scholarship
2009-2010	Asian Youth Fellowship -Japan Foundation Scholarship
2007	SIIT Scholarship (Contribution on Society/SIIT Reputation)
2006	SCG Talent Scholarship (Runner-up)
2006-2007	Bank of Thailand Scholarship
2004, 2006	SIIT Scholarship (Good Academic Performance & Good Conduct)

Grants (PI)

2023-2025	Asahi Glass Foundation Research Grant Asahi Glass Foundation (Japan)
2022-2023	Fundamental Fund Thailand Science Research and Innovation Fund Chulalongkorn University (Thailand)
2022-2023	Chula Engineering's Promoting Research Grant Faculty of Engineering, Chulalongkorn University (Thailand)
2022	Collaborative Research with External Partners (CRX) JICA Project for AUN/SEED-Net (Japan)
2021-2022	Fundamental Fund Thailand Science Research and Innovation Fund Chulalongkorn University (Thailand)
2021-2022	Collaborative Research with External Partners (CRX) JICA Project for AUN/SEED-Net (Japan)
2021-2022	Special Program for Research Against COVID-19 (SPRAC) JICA Project for AUN/SEED-Net (Japan)
2020-2021	Ratchadephiseksomphot Endowment Fund Chulalongkorn University (Thailand)
2020-2021	Chula Engineering's Promoting Research Grant Faculty of Engineering, Chulalongkorn University (Thailand)
2018-2021	Ratchadephiseksomphot Endowment Fund (Research Group) Chulalongkorn University (Thailand)
2017	JASTIP-Net Japan-ASEAN Science Technology and Innovation Platform (Japan)
2017-2018	Classroom Action Research Project Learning Innovation Center, Chulalongkorn University (Thailand)
2017-2018	Ratchadephiseksomphot Endowment Fund (New Faculty Staff) Chulalongkorn University (Thailand)
2016	JASTIP-Net Japan-ASEAN Science Technology and Innovation Platform (Japan)
2015	Leading Program Education Research Funds Tokyo Institute of Technology (Japan)
2014	Leading Program Education Research Funds Tokyo Institute of Technology (Japan)
2013	Leading Program Education Research Funds Tokyo Institute of Technology (Japan)
2013	Risk Solutions Tokyo Institute of Technology (Japan)
2012	Risk Solutions in Engineering Systems Tokyo Institute of Technology (Japan)

Certification

- 2023 **Microsoft Certified: Azure AI Fundamentals**,
Microsoft, USA
- 2021 **Member of The Business Continuity Institute (MBCI)**,
The Business Continuity Institute, UK
- 2021 **AI/IoT Fundamental Test Global (AIFTG)**,
AI · IoT Fundamental Test Global, Japan
- 2021 **Certificate of The Business Continuity Institute (CBCI)**,
The Business Continuity Institute, UK
- 2020 **Toyota way Management System Certificate for Grade-4**,
TMS & TPS Certificate Institution, Japan
- 2019 **Certified Peer Reviewer**,
Elsevier Researcher Academy
- 2018 **BM-BCM-301E-1 Analyse Organization's Dependencies that may Impact on Business Continuity and Performance**,
Singapore Workforce Skills Qualifications, Singapore
- 2015 **DEMO Bachelor Certified Enterprise Engineer**, EEI, The Netherlands
- 2009 **Certified Fundamental Information Technology Engineer (ITPE: FE)**



Committees

- 2023 Session Convener, AOGS2023, Singapore
- 2023 Special Session Chair, IEEE 3rd ICA-SYMP 2023, Thailand
- 2022 Committee Chair, APRU Multi-Hazards Symposium 2022, Thailand
- 2021-present Oversea Advisor, Tokyo Tech Academy for Convergence of Materials and Informatics (TAC-MI), Japan
- 2021-present Advisor for Independent Study of the Certificate Course in Environmental Governance for Executives, Thailand
(อาจารย์ที่ปรึกษา หลักสูตรประกาศนียบัตรธรรมภิบาลสิ่งแวดล้อมสำหรับนักบริหารระดับสูง กรมส่งเสริมคุณภาพสิ่งแวดล้อม)
- 2021 Special Session Chair, IEEE 2nd ICA-SYMP 2021, Thailand
- 2020 Technical Committee, 4th ICBIS 2020, China
- 2020 Technical Committee, 2nd ICPID 2020, Singapore
- 2020 Technical Committee, 7th IEEE ICIEA 2020, Thailand
- 2019 Session Chair/Organizing Committee, 37th IE Network 2019, Thailand
- 2019 Session Chair/Convener, AOGS2019, Singapore
- 2018-present Regional Advisory Committee, Asia Oceania Geosciences Society, Singapore
- 2018 Session Chair/Convener, AOGS2018, USA
- 2017-present Committee, Tokyo Tech Alumni Association (Thailand Chapter)
- 2017-present Associate Editor, Journal of Agriculture and Technology Management
- 2017 Session Chair/Convener, AOGS2017, Singapore
- 2015-2016 VP, Thai Students' Association in Tokyo Tech, Japan
- 2016 Advisory Committee, 8th Thailand-Japan Int. Academic Conf., Japan
- 2014-2015 Vice Director (Academic Affairs), TSAJ, Japan
- 2014 Session Co-chairperson, 3rd Int. Edu. Forum. Env. & Energy Sci., USA
- 2014 Co-chairperson, 7th Thailand-Japan Int. Academic Conf., Japan
- 2013 Session Co-chairperson, 2nd Int. Edu. Forum. Env. & Energy Sci., USA
- 2012-2013 VP (Academic Affairs), TSAJ, Japan
- 2012-2013 Advisory Committee (Public Relations and IT), TSAJ, Japan
- 2014 Co-chairperson, 5th Thailand-Japan Int. Academic Conf., Japan
- 2011-2012 VP (Public Relations and IT), TSAJ, Japan

Teaching

- Accounting Information Systems
- Computer and Information Technology for Industrial Engineering
- Disaster Management
- Disaster Management and Technology
- Electronic Commerce
- Emergency Management
- Exploring Engineering World
- Fundamental Risk and Disaster Management
- Global Awareness for Technology Implementation

Introduction to Information Systems
Management under Different Culture
Production and Operations Management Information Systems
Risk Management
Risk Management for Industry

Reviewers

Geoscience Letters, Scientometrics, International Journal of Disaster Risk Reduction, Natural Hazards, Ocean & Coastal Management, Technological Forecasting and Social Change, Journal of Disaster Research, Journal of Earthquake and Tsunami, International Journal of Sustainable Future for Human Security, Journal of Agriculture and Technology Management, Engineering Access, Nakhara : Journal of Environmental Design and Planning, International Conference on Information Systems, Thailand-Japan International Academic Conference, Industrial Engineering Network, Pacific Asia Conference on Information Systems, International Conference on Business Information Systems, etc.

Publication (Google Scholar Citations: 947; h-index: 18; i10-index: 29)

International Journal Articles

Leelawat, N., Savanachai, B., Pathsiriyos, C., Pinkaew, K., Thanasittichai, K., Uttraporn, P., Sanprasert, S., Dorji, T., Saisim, V., Yudha, A. K., & Tang, J. (in press). The 2021 Tropical Storm Dianmu in Thailand: Disaster responses and roles of information technology. *Journal of Disaster Research*. (Accepted on March 19, 2024) (Scopus Q3).

Mathittikul, N., Wancham, N., Treeranurat, W., Saengtabtim, K., Laosunthara, A., Tang, J., & **Leelawat, N.** (2024). Examining the factors influencing tsunami evacuation action selection in Thailand: A comprehensive study involving local residents, non-local workers, and travelers. *Sustainability*, 16 (5). doi: [10.3390/su16052024](https://doi.org/10.3390/su16052024) (Scopus Q1).

Saengtabtim, K., Tang, J., **Leelawat, N.**, Egawa, S., Suppasri, A., & Imamura, F. (2023). Universal health coverage mitigated COVID-19 health-related consequences in Asia Oceania. *International Journal of Disaster Risk Reduction*, 92. 103725. doi: [10.1016/j.ijdrr.2023.103725](https://doi.org/10.1016/j.ijdrr.2023.103725) (Scopus Tier 1).

Tang, J., Yaibuates, N., Tasmania, T., & **Leelawat, N.** (2023). Inter- and intrastate network analysis of COVID-19 spread using the social connectedness index. *Journal of Disaster Research*, 18 (1), 40-47. doi: [10.20965/jdr.2023.p0011](https://doi.org/10.20965/jdr.2023.p0011) (Scopus Q2).

Yang, Y., Vinayavekhin, S., Phial, R., O'Sullivan, E., & **Leelawat, N.** (2023). Strategic roadmapping framework for disaster response: Case of COVID19 pandemic vaccine rollout program in the UK. *Journal of Disaster Research*, 18 (1), 11-20. doi: [10.20965/jdr.2023.p0011](https://doi.org/10.20965/jdr.2023.p0011) (Scopus Q2).

Nanthaitaweekul, P. **Leelawat, N.**, Thaithae, S., Muenboonme, W., Krutphong, K., Ringed, K., & Tang, J. (2022). Tele health self-management innovation (THSM) for patients with COVID-19: A conceptual design. *Journal of Disaster Research*, 17 (7), 1158-1164. doi: [10.20965/jdr.2022.p1158](https://doi.org/10.20965/jdr.2022.p1158) (Scopus Q2).

Lertsakornsiri, P., Sritanawatkul, P., Yudha, A. K., **Leelawat, N.**, Tang, J., Suppasri, A., Kitamura, M., Tsukuda, H., Boret, S. P., Onoda, Y., Saengtabtim, K., Imamura, F., & Syamsidik. (2022). Factors affecting horridness: A study of the COVID-19 pandemic in Japan. *International Journal of Disaster Risk Reduction*, 82, 103322. doi: [10.1016/j.ijdrr.2022.103322](https://doi.org/10.1016/j.ijdrr.2022.103322) (Scopus Tier 1).

Leelawat, N., Jariyapongpaiboon, S., Promjun, A., Boonyarak, S., Saengtabtim, K., Laosunthara, A., Yudha, A. K., & Tang, J. (2022). Twitter data sentiment analysis of tourism in Thailand during the COVID-19 pandemic using machine learning. *Heliyon*, 8 (10), E10894. doi: [10.1016/j.heliyon.2022.e10894](https://doi.org/10.1016/j.heliyon.2022.e10894) (Scopus Q1).

Kodaka, A., **Leelawat, N.**, Watanabe, K., Park, J., Tang, J., Ino, E., & Kohtake, N. (2022). Industrial area business continuity management exercise: An experimental validation for flood in Thailand. *Journal of Disaster Research*, 17 (6), 853-860. doi: [10.20965/jdr.2022.p0853](https://doi.org/10.20965/jdr.2022.p0853) (Scopus Q2).

- Yudha, A. K., Tang, J., & **Leelawat, N.** (2022). COVID-19 impact on tourist business continuity in Indonesia: A preliminary systematic review. *Journal of Disaster Research*, 17 (6), 913-922. doi: [10.20965/jdr.2022.p0913](https://doi.org/10.20965/jdr.2022.p0913) (Scopus Q2).
- Laosunthara, A., Saengtabtim, K., Sochoeiya, P., **Leelawat, N.**, Tang, J., Kodaka, A., Onda, Y., & Kohtake, N. (2022). Impact of COVID-19 measures on mobility in Bangkok, Thailand. *Journal of Disaster Research*, 17 (4), 546-551. doi: [10.20965/jdr.2022.p0546](https://doi.org/10.20965/jdr.2022.p0546) (Scopus Q2).
- Saengtabtim, K., **Leelawat, N.**, Tang, J., Suppasri, A., & Imamura, F. (2022). Consequences of COVID-19 on health, economy, and tourism in Asia. *Sustainability*, 14 (8), 4624. doi: [10.3390/su14084624](https://doi.org/10.3390/su14084624) (ISI Q2/ Scopus Q1).
- Tang, J., Vinayavekhin, S., Weeramongkolkul, M., Suksanon, C., Pattarapremcharoen, K., Thiwathittayanuphap, S., & **Leelawat, N.** (2022). Agent-based simulation and modeling of COVID-19 pandemic: A bibliometrics analysis. *Journal of Disaster Research*, 17 (1), 93-102. doi: [10.20965/jdr.2022.p0093](https://doi.org/10.20965/jdr.2022.p0093) (Scopus Q2).
- Kodaka, A., Detera, B., J., Onda, Y., **Leelawat, N.**, Tang, J., Laosunthara, A., Saengtabtim, K., & Kohtake, N. (2022). Inventions to support tourism and its impact on air quality – A case study of Go To Travel campaign in Japan – . *Journal of Disaster Research*, 17 (1), 123-135. doi: [10.20965/jdr.2022.p0123](https://doi.org/10.20965/jdr.2022.p0123) (Scopus Q2).
- Leelawat, N.**, & Vilaivan, T. (2021). A polystyrene foam factory fire in a Bangkok satellite city: Incident and lessons learned. *ACS Chemical Health & Safety*, 28 (6), 394-396. doi: [10.1021/acs.chas.1c00071](https://doi.org/10.1021/acs.chas.1c00071)
- Leelawat, N.**, Tang, J., Krutphong, K., Chaichanasiri, S., Kanno, T., Li, C. W., Le, L. T. Q., Dung, H. Q., Chua, T., Saengtabtim, K., & Laosunthara, A. (2021). Comparison of the initial overseas evacuation operations due to COVID-19: A focus on Asian countries. *Journal of Disaster Research*, 16 (7), 1137-1146. doi: [10.20965/jdr.2021.p1137](https://doi.org/10.20965/jdr.2021.p1137) (Scopus Q2).
- Leelawat, N.**, Laosunthara, A., Tang, J., Suppasri, A., Ruangrassamee, A., Akkharapathompong, P., & Imamura, F. (2021). The 2011 Great East Japan earthquake and tsunami: A message from Japan to Thailand. *Journal of Disaster Research*, 16 (6), 908-913. doi: [10.20965/jdr.2021.p0908](https://doi.org/10.20965/jdr.2021.p0908) (Scopus Q2).
- Kodaka, A., **Leelawat, N.**, Onda, Y., Tang, J., Laosunthara, A., Saengtabtim, K., Sochoeiya, P., & Kohtake, N. (2021). Influential factors on aerosol change during COVID-19 in Ayutthaya, Thailand. *Engineering Journal*, 25 (8), 187-196. doi: [10.4186/ej.2021.25.8.187](https://doi.org/10.4186/ej.2021.25.8.187) (Scopus Q3).
- Suppasri, A., Kitamura, M., Tsukuda, H., Boret, S. P., Pescaroli, G., Onoda, Y., Imamura, F., Alexander, D., **Leelawat, N.**, & Syamsidik. (2021). Perceptions of the COVID-19 pandemic in Japan with respect to cultural, information, disaster and social issues. *Progress in Disaster Science*, 10, 100158. doi: [10.1016/j.pdisas.2021.100158](https://doi.org/10.1016/j.pdisas.2021.100158) (Scopus)
- Saengtabtim, K., **Leelawat, N.**, Tang, J., Treeranurat, W., Wisittiwong, N., Suppasri, A., Pakoksung, K., Imamura, F., Takahashi, N., & Charvet, I. (2021). Predictive analysis of the building damage from the 2011 Great East Japan tsunami using decision tree classification related algorithms. *IEEE Access*, 9, 31065-31077. doi: [10.1109/ACCESS.2021.3060114](https://doi.org/10.1109/ACCESS.2021.3060114) (ISI/Scopus Q1).
- Sontayasara, T., Jariyapongpaiboon, S., Promjun, A., Seelipat, N., Saengtabtim, K., Tang, J., & **Leelawat, N.** (2021). Twitter sentiment analysis on Bangkok tourism during the COVID-19 situation using support vector machine algorithm. *Journal of Disaster Research*, 16 (1), 24-30. doi: [10.20965/jdr.2021.p0024](https://doi.org/10.20965/jdr.2021.p0024) (Scopus Q2).
- Chaivutitorn, T., Tanasakcharoen, T., **Leelawat, N.**, Tang, J., Caro, C. V. C., Lagmay, A. M., Suppasri, A., Bricker, J. D., Roeber, C., Yi, C. J., & Imamura, I. (2020) Statistical analysis of building damage fro the 2013 Super Typhoon Haiyan and its storm surge in the Philippines. *Journal of Disaster Research*, 15 (7), 822-832. doi: [10.20965/jdr.2020.p0822](https://doi.org/10.20965/jdr.2020.p0822) (Scopus Q2).

- Masaya, R. Suppasri, A., Yamashita, K., Imamura, F., Gouramanis, C., & **Leelawat, N.** (2020). Investigating beach erosion related with tsunami sediment transport at Phra Thong Island, Thailand, caused by the 2004 Indian Ocean tsunami. *Natural Hazards and Earth Systems Science*, 20, 2823-2841. doi: [10.5194/nhess-20-2823-2020](https://doi.org/10.5194/nhess-20-2823-2020) (ISI/Scopus Q1).
- Charoenthammachoke, K., **Leelawat, N.**, Tang, J., & Kodaka, A. (2020). Business continuity management: A preliminary systematic literature review based on ScienceDirect database. *Journal of Disaster Research*, 15 (5), 546-555. doi: [10.20965/jdr.2020.p0546](https://doi.org/10.20965/jdr.2020.p0546) (Scopus Q2).
- Sapapthai, S., **Leelawat, N.**, Tang, J., Kodaka, A., Chintanapakdee, C., Ino, E., & Watanabe, K. (2020). A stakeholder analysis approach for are business continuity management: A systematic review. *Journal of Disaster Research*, 15 (5), 588-598. doi: [10.20965/jdr.2020.p0588](https://doi.org/10.20965/jdr.2020.p0588) (Scopus Q2).
- Katato, T., **Leelawat, N.**, & Tang, J. (2020). Antecedents of outsourcing relationships: A systematic review. *Engineering Journal*, 24 (4), 157-169. doi: [10.4186/ej.2020.24.4.157](https://doi.org/10.4186/ej.2020.24.4.157) (Scopus Q3).
- Meechang, K., **Leelawat, N.**, Tang, J., Kodaka, A., & Chintanapakdee, C. (2020). The acceptance of using information technology for disaster risk management: A systematic review. *Engineering Journal*, 24 (4), 111-132. doi: [10.4186/ej.2020.24.4.111](https://doi.org/10.4186/ej.2020.24.4.111) (Scopus Q3).
- Leelawat, N.**, Tang, J., Saengtattim, K., & Laosunthara, A. (2020). Trends of tweets on the Coronavirus Disease-2019 (COVID-19) pandemic. *Journal of Disaster Research*, 15 (4), 530-533. doi: [10.20965/jdr.2020.p0530](https://doi.org/10.20965/jdr.2020.p0530) (Scopus Q2).
- Katato, T., **Leelawat, N.**, & Tang, J. (2019). Factors affecting to long-term relationship of outsourcing: A case study of Thailand. *Journal of Administrative and Business Studies*, 5 (5), 281-290. doi: [10.20474/jabs-5.5.3](https://doi.org/10.20474/jabs-5.5.3)
- Thamarux, P., Suppasri, A., **Leelawat, N.**, Matsuoka, M., & Imamura, F. (2019). Time series disaster emergency response plan for international organizational management: A Case study of Royal Thai Embassy, Tokyo, Japan. *Journal of Disaster Research*, 14 (7), 959-971. doi: [10.20965/jdr.2019.p0959](https://doi.org/10.20965/jdr.2019.p0959) (Scopus Q2)
- Suppasri, A., Pakoksung, K., Charvet, I., Chua, C. T., Iakahashi, N., Ornthammarath, T., Latcharote, P., **Leelawat, N.**, & Imamura, F. (2019). Load-resistance analysis: an alternative approach to tsunami damage assessment applied to the 2011 Great East Japan tsunami. *Natural Hazards and Earth System Sciences*, 19, 1807-1822. doi: [10.5194/nhess-19-1807-2019](https://doi.org/10.5194/nhess-19-1807-2019) (ISI/Scopus Q1)
- Tang, J., Chotochanapibal, M., Liangsupong, K., Fachrizal, M., Laosunthara, A., & **Leelawat, N.** (2019). Influencing factors of Japanese visitors and non-visitors in visiting Thailand: A segmentation analysis. *International Journal of Recent Technology and Engineering*, 8 (1C2), 864-870 (Scopus Q4)
- Leelawat, N.**, Suppasri, A., Latcharote, P., Abe, Y., Sugiyasu, K., & Imamura, F. (2018). Tsunami evacuation experiment using a mobile application: A design science approach. *International Journal of Disaster Risk Reduction*, 29, 63-72. doi: [10.1016/j.ijdr.2017.06.014](https://doi.org/10.1016/j.ijdr.2017.06.014) (ISI/Scopus Tier 1)
- Latcharote, P., **Leelawat, N.**, Suppasri, A., Thamarux, P., & Imamura, F. (2018). Estimation of fatality ratios and investigation of influential factors in the 2011 Great East Japan tsunami. *International Journal of Disaster Risk Reduction*, 29, 37-54. doi: [10.1016/j.ijdr.2017.06.024](https://doi.org/10.1016/j.ijdr.2017.06.024) (ISI/Scopus Tier 1)
- Leelawat, N.**, Suppasri, A., Latcharote, P., & Imamura, F. (2017). The evacuation of Thai citizens during Japan's 2016 Kumamoto earthquakes: An ICT perspective. *Journal of Disaster Research*, 12(sp), 669-677. doi: [10.20965/jdr.2017.p0669](https://doi.org/10.20965/jdr.2017.p0669) (Scopus Q2)
- Suppasri, A., **Leelawat, N.**, Latcharote, P., Robber, V., Yamashita, K., Hayashi, A., Ohira, H., Fukui, K., Hisamatsu, A., Nguyen, D., & Imamura, F. (2017). The 2016 Fukushima earthquake and tsunami: Local tsunami behavior and recommendations for tsunami disaster risk reduction. *International Journal of Disaster Risk Reduction*, 21, 323-330. doi: [10.1016/j.ijdr.2016.12.016](https://doi.org/10.1016/j.ijdr.2016.12.016) (ISI/Scopus Tier 1)

Suppasri, A., Latcharote, P., Bricker, J. D., **Leelawat, N.**, Hayashi, A., Yamashita, K., Makinoshima, F., Roeber, V., & Imamura, F. (2016). Improvement of tsunami countermeasures based on lessons from the 2011 Great East Japan earthquake and tsunami — Situation after five years. *Coastal Engineering Journal*, 58(4), 164001-1-164001-30. doi: [10.1142/S0578563416400118](https://doi.org/10.1142/S0578563416400118) (ISI/Scopus Q2)

Leelawat, N., Suppasri, A., Murao, O., & Imamura, F. (2016). A study on the influential factors on building damage in Sri Lanka during the 2004 Indian Ocean tsunami. *Journal of Earthquake and Tsunami*, 10(2), 1640001-1-1640001-11. doi: [10.1142/S1793431116400017](https://doi.org/10.1142/S1793431116400017) (ISI/Scopus Q3)

Leelawat, N., Suppasri, A., Kure, S., Yi, C. J., Mateo, C. M. R., & Imamura, F. (2015). Disaster warning system in the Philippines through enterprise engineering perspective: A study on the 2013 Super Typhoon Haiyan. *Journal of Disaster Research*, 10(6), 1041-1050. doi: [10.20965/jdr.2015.p1041](https://doi.org/10.20965/jdr.2015.p1041) (Scopus Q2)

Suppasri, A., Yi, C. J., **Leelawat, N.**, Watanabe, M., Bricker, J. D., & Imamura, F. (2015). Field survey and analysis of damaged school buildings by the 2013 Typhoon Haiyan and storm surge. *Journal of Japan Society of Civil Engineers, Ser. B2 (Coastal Engineering)*, 71(2), I_1669-I_1674. doi: [10.2208/kaigan.71.I_1669](https://doi.org/10.2208/kaigan.71.I_1669)

Leelawat, N., Suppasri, A., Imamura, F. (2015). Disaster recovery and reconstruction following the 2011 Great East Japan earthquake and tsunami: A business process management perspective. *International Journal of Disaster Risk Science*, 6(3), 310-314. doi: [10.1007/s13753-015-0066-1](https://doi.org/10.1007/s13753-015-0066-1) (ISI/Scopus Q1)

Leelawat, N., Suppasri, A., Charvet, I., Kimura, T., Sugawara, D., & Imamura, F. (2015). A study on influential factors on building damage in Kesennuma, Japan from the 2011 Great East Japan tsunami. *Engineering Journal*, 19(3), 105-116. doi: [10.4186/ej.2015.19.3.105](https://doi.org/10.4186/ej.2015.19.3.105) (Scopus Q3)

Leelawat, N., Mateo, C. M. R., Gaspay, S. M., Suppasri, A., & Imamura, F. (2014). Filipinos' views on the disaster information for the 2013 Super Typhoon Haiyan in the Philippines. *International Journal of Sustainable Future for Human Security*, 2(2), 16-28.

Leelawat, N., Suppasri, A., Charvet, I., Imamura, F. (2014). Building damage from the 2011 Great East Japan tsunami: quantitative assessment of influential factors. *Natural Hazards*, 73(2), 449-471. doi: [10.1007/s11069-014-1081-z](https://doi.org/10.1007/s11069-014-1081-z) (ISI/Scopus Q1)

Book Chapters & Technical Report Articles

Leelawat, N., Latcharote, P., Suppasri, A., Sararit, T., Srivichai, M., Tang, J., Chua, T., Kummertrut, D., Saengtabtim, K. & Imamura, F. (2021). Today in Thailand: Multidisciplinary perspectives on the current tsunami disaster risk reduction. In Y. Dilek, Y. Ogawa, & Y. Okubo (Eds.), *Geological Society, London, Special Publications: Vol. 501. Characterization of Modern and Historical Seismic-Tsunami Events, and Their Global-Societal Impacts* (pp.353-365), The Geological Society of London. doi: [10.1144/SP501-2019-97](https://doi.org/10.1144/SP501-2019-97) (Scopus Q1)

Leelawat, N., Muhari, A., Srivichai, M., Suppasri, A., Imamura, F., & Bricker, J. D. (2018). Preference for information during flood disasters: A study of Thailand and Indonesia. In B. McLellan (Ed.), *Sustainable Future for Human Security* (pp. 335-349), Singapore: Springer. doi: [10.1007/978-981-10-5433-4_23](https://doi.org/10.1007/978-981-10-5433-4_23)

Imamura, F., Suppasri, A., Latcharote, P., Otake, T., **Leelawat, N.**, & Nguyen, D. N. (2017, November). A Global Assessment of Historical and Future Tsunami Hazards Based on Seismic Records Over the Last 400 Years and Estimated Seismic Gaps. Miyagi: International Research Institute of Disaster Science, Tohoku University.

Suppasri, A., Charvet, I., Macabuag, J., Rossetto, T., **Leelawat, N.**, Latcharote, P., & Imamura, F. (2015). Building damage assessment and implications for future tsunami fragility estimations. In M. Esteban, H. Takagi, & T. Shibayama (Eds.), *Handbook of Coastal Disaster Mitigation for Engineers and Planners* (pp. 145-178). Oxford: Elsevier. doi: [10.1016/B978-0-12-801060-0.00009-5](https://doi.org/10.1016/B978-0-12-801060-0.00009-5)

Leelawat, N., Suppasri, A., & Imamura, F. (2015). The tsunami warning system in Thailand: A part of the reconstruction process after the 2004 Indian Ocean tsunami. In V. Santiago-Fandiño, Y. A. Kontar, & Y. Kaneda (Eds.), *Post-Tsunami Hazard, Advanced in Natural and Technological Hazards Research: Vol. 44* (pp. 111-119), Cham: Springer International Publishing. doi: [10.1007/978-3-319-10202-3_8](https://doi.org/10.1007/978-3-319-10202-3_8)

Leelawat, N., Suppasri, A., Yasuda, M., & Imamura, F. (2014, March). Disaster warning broadcasting process management: A case study of landslide from Typhoon Wipha at Izu-Oshima in 2013. *Report of Tsunami Engineering: Vol. 31* (pp. 49-57), Miyagi: International Research Institute of Disaster Science, Tohoku University.

National Journal Articles

อำพัน เหล่าสุนทร, **ณภัฏ ลิละวัฒน์,** Jing Tang, วันใหม่ โพธิ์ถาวร, และศิวกร กมลภากรณ์. (2563). แนวทางการพัฒนาสภาพแวดล้อมการท่องเที่ยวไทยผ่านมุมมองของตลาดญี่ปุ่น. *วารสารสิ่งแวดล้อม [Environmental Journal]*, 24 (1).

ณภัฏ ลิละวัฒน์, Jing Tang, ณพวัฒน์ โชติวรรณ, และธนวิษญ์ ประกิตเดชะกุล. (2561). จากวันนั้นถึงวันนี้ สีนามักับอุตสาหกรรมโรงแรม. *วารสารสิ่งแวดล้อม [Environmental Journal]*, 22 (4). 4-8.

International Conference Proceedings Articles

Meechang, K., Watanabe, K., & **Leelawat, N.** (in press). Social network analysis of stakeholders in area-business continuity management: A case study of flood in Thailand. In A. Opdyke, & L. P. De Rivera (Eds.) *The 14th Aceh International Workshop and Expo on Sustainable Tsunami Disaster Reduction (AIWEST-DR 2022)*, Sydney, Australia.

Krutphong, K., **Leelawat, N.,** Tang, J., Ota, E., Suzuki, R. M., Took, Y., & Punyabukkana, P. (2023, November). Ideation of engineering solutions for sustainable development goals: A collaborative course between Thai and Japanese students. In *TENCON 2023 - 2023 IEEE Region 10 Conference (TENCON) 31 Oct - 2 Nov 2023*. Chiang Mai, Thailand (pp. 21-24). IEEE. doi: [10.1109/TENCON58879.2023.10322379](https://doi.org/10.1109/TENCON58879.2023.10322379) (Scopus)

Saengtabtim, K., Laosunthara, A., Tang, J., & **Leelawat, N.** (2023, January). The 2022 Rayong oil spill crisis in Thailand: An identification for reliability and nearly-real time data using Twitter. In *2023 Third International Symposium on Instrumentation, Control, Artificial Intelligence, and Robotics (ICA-SYMP)*, Bangkok, Thailand (pp. 118-122). IEEE. doi: [10.1109/ICA-SYMP56348.2023.10044941](https://doi.org/10.1109/ICA-SYMP56348.2023.10044941) (Scopus)

Kodaka, A., **Leelawat, N.,** Tang, J., Onda, Y., & Kohtake, N. (2023, January). Status of industrial complex activity explained by air quality: Central Thailand. In *2023 Third International Symposium on Instrumentation, Control, Artificial Intelligence, and Robotics (ICA-SYMP)*, Bangkok, Thailand (pp. 123-126). IEEE. doi: [10.1109/ICA-SYMP56348.2023.10044947](https://doi.org/10.1109/ICA-SYMP56348.2023.10044947) (Scopus)

Krutphong, K., Tang, J. & **Leelawat, N.** (2023). A framework of risk profile in public healthcare system development: A literature review. In I. Pal, R. Shaw, T. Ichinose, Yonariza, & T. Oda (Eds.), *Lecture Notes in Civil Engineering: Vol. 283, Proceedings of the 2nd International Symposium on Disaster Resilience and Sustainable Development : Volume 1 - Multi-Hazards Vulnerability, Climate Change and Resilience Building*. Singapore: Springer Verlag. doi: [10.1007/978-981-19-4715-5_12](https://doi.org/10.1007/978-981-19-4715-5_12) (Scopus Q4)

Patiko, T., **Leelawat, N.,** & Tang, J. (2022, November). Loss reduction in calendaring process for tire production. In L. C. Tang (Ed.), *Proceedings of 2022 IEEE 9th International Conference on Industrial Engineering and Applications (ICIEA 2022)*, Sanya, Hainan, China (pp. 850-857). Los Angeles, CA: The SCIENCE and Engineering Institute. doi: [10.18178/wcse.2022.04.100](https://doi.org/10.18178/wcse.2022.04.100) (Scopus Q4)

Sinpan, N., Sasithong, P., Chaudhary, S., Poomrittigul, S., **Leelawat, N.,** Wuttisittikulkij, L. (2022, September). Simulative investigations of crowd evacuation by incorporating reinforcement learning scheme. In the *6th International Conference on Algorithms, Computing and Systems (ICACS 2022)*, September 16-18, 2022, Larissa, Greece. New York, NY: ACM. doi: [10.1145/3564982.3564983](https://doi.org/10.1145/3564982.3564983)

- Perapalanunt, G., Viriyataranon, J., Chinook, C., Imsamran, B., Laosunthara, A., Jattawa, D., Suwanasopee, T., Koonawootrittriron, S., Ohashi, T., **Leelawat, N.**, & Tang, J. (2022). Towards data-driven daily farming in Thailand: A preliminary survey of farmer's needs based on in-depth interviews. In W. Karwowski, H. Kalkis, & Z. Roja (Eds.), *Social and Occupational Ergonomics: Vol. 65, Proceedings of the 13th AHFE International Conference on Social and Occupational Ergonomics*, New York, USA. July 24-28, 2022, (pp. 190-195). New York, NY: AHFE International. doi: [10.2495/DMAN210151](https://doi.org/10.2495/DMAN210151) (Scopus/ ISI)
- Krutphong, K., Tang, J. & **Leelawat, N.** (2021). Development of a disaster risk profile in the public healthcare system during flood situation: A case study of Nakhon Sawan City Municipality, Nakhon Sawan Province, Thailand. In G. Passerini, F. Garzia, & M. Lombardi (eds.), *WIT Transactions on the Built Environment, Vol: 207. Disaster Management and Human Health Risk VII, 7th International Conference on Disaster Management and Human Health*, Rome, Italy, (pp. 191-201). Southampton: WIT Press. doi: [10.2495/DMAN210151](https://doi.org/10.2495/DMAN210151) (Scopus)
- Kodaka, A., **Leelawat, N.**, Ino, E., Tang, J., Park, J., & Kodaka, N. (2021, September). The impact of employee behavior on business continuity at an industrial complex. In 2021 IEEE International Symposium on Systems Engineering (ISSE), (pp.1-6). Virtual. IEEE. doi: [10.1109/ISSE51541.2021.9582516](https://doi.org/10.1109/ISSE51541.2021.9582516) (Scopus)
- Punwaree, J., **Leelawat, N.**, Tang, J., Laosunthara, A., & Ohashi, T. (2021). Improvement of organic fresh milk system through willingness to purchase: A comparison between Thailand and Japan. In S. I. Aoi, O. Castillo, C. Douglas, & D. D. Feng (Eds.), *Lecture Notes in Engineering and Computer Science: Proceedings of The International MultiConference of Engineers and Computer Scientists 2021, 20-22 October, 2021, Hong Kong* (pp. 202-207). Hong Kong: Newswood Limited.
- Sapapthai, S., **Leelawat, N.**, Tang, J., Kodaka, A., & Ino, E. (2021, April). Successful factors of business continuity management implementation using analytic hierarchy process-A case of an automotive part company in Ayutthaya Province, Thailand. In 2021 3rd International Conference on Management Science and Industrial Engineering (MSIE 2021) (pp. 132-138), Osaka, Japan. ACM, New York, NY, USA. doi [10.1145/3460824.3460845](https://doi.org/10.1145/3460824.3460845) (Scopus)
- Kodaka, A., **Leelawat, N.**, Tang, J., Onda, Y., & Kohtake, N. (2021, January). Government COVID-19 responses and subsequent influences on NO2 variation in Ayutthaya, Thailand. In 2021 Second International Symposium in Instrumentation, Control, Artificial Intelligence, and Robotics (ICA-SYMP 2021), Bangkok, Thailand. IEEE. doi [10.1109/ICA-SYMP50206.2021.9358431](https://doi.org/10.1109/ICA-SYMP50206.2021.9358431) (SCOPUS)
- Saengtabtim, K., Tang, J., & **Leelawat, N.** (2021, January). Effectiveness of applying HEALTH-EDRM Framework: A comparison of the COVID-19 situation in Asia-Oceania countries and territories. In 2021 Second International Symposium in Instrumentation, Control, Artificial Intelligence, and Robotics (ICA-SYMP 2021), Bangkok, Thailand. IEEE. doi [10.1109/ICA-SYMP50206.2021.9358438](https://doi.org/10.1109/ICA-SYMP50206.2021.9358438) (SCOPUS)
- Meechang, K., **Leelawat, N.**, Tang, J., Ino, E., Kodaka, A., Chintanapakdee, C., & Watanabe, K. (2021). Affecting factors on perceived usefulness of area-business continuity management: A perspective from employees in industrial areas in Thailand. In S. P. Boret, A. Suppasri, E. Mas, & E. Maly (Eds.), *IOP Conference Series: Earth and Environmental Science: Vol. 630. 12th Aceh International Workshop and Expo on Sustainable Tsunami Disaster Recovery (AIWEST-DR 2019) 7-8 November 2019, Tohoku, Japan (012016)*, Bristol: IOP. doi [10.1088/1755-1315/630/1/012016](https://doi.org/10.1088/1755-1315/630/1/012016) (SCOPUS)
- Kodaka, A., Ono, T., Watanabe, K., **Leelawat, N.**, Chintanapakdee, C., Tang, J., Ino, E., & Kohtake, N. (2020, October). A dependent activities elicitation method for designing area business continuity management. In *Proceedings of the 2020 IEEE International Symposium on Systems Engineering (ISSE 2020)*, Vienna, Austria. IEEE. doi [10.1109/ISSE49799.2020.9272221](https://doi.org/10.1109/ISSE49799.2020.9272221) (SCOPUS)
- Charoenthammachokoe, K., **Leelawat, N.**, Tang, J., & Kodaka, K. (2020, September). A development of family continuity management training for medical staffs on business continuity management concept. In *Proceedings of the 2020 3rd International Conference on Big Data Technologies (The 4th International Conference on Business Information Systems)* (pp. 141-146), Qingdao, China. ACM. doi [10.1145/3422713.3422749](https://doi.org/10.1145/3422713.3422749)

- Paopid, S., Tang, J., & **Leelawat, N.** (2020). Willingness to pay for flood insurance: A case study in Phang Khon, Skon Nakhon Province, Thailand. In C. H. Weng (Ed.), *IOP Conference Series: Earth and Environmental Science: Vol. 612. The 6th International Conference on Water Resource and Environment August 23rd to 26th, 2020 Online Conference (012041)*, Bristol: IOP. doi: [10.1088/1755-1315/612/1/012041](https://doi.org/10.1088/1755-1315/612/1/012041) (SCOPUS)
- Traithaiteera, P., Tang, J., & **Leelawat, N.** (2019, November). SME's obstacles in Thailand: The analysis of the association between the difference in size sector, region and the problems that occur in business operations. In *Proceedings of the 6th International Conference on Engineering Energy, and Environment (ICEEE 2019)*, Bangkok, Thailand.
- Rojpitinithikorn, H., Tang, J., & **Leelawat, N.** (2019, September). Reducing the defects of A-Pillar stamping part in the automotive assembly. In *Proceedings of the 6th International Conference on Frontiers of Industrial Engineering (ICFIE 2019)*, London, UK, IEEE. doi: [10.1109/ICFIE.2019.8907777](https://doi.org/10.1109/ICFIE.2019.8907777) (SCOPUS)
- Tang, J., **Leelawat, N.**, Suppasri, A., & Imamura, F. (2019). An effect of tsunami to hotel occupancy: A case of Phuket, Thailand. In E. Meilianda, Syamsidik, S. P. Boret, & Y. Idris (Eds.), *IOP Conference Series: Earth and Environmental Science: Vol. 273. 11th Aceh International Workshop and Expo on Sustainable Tsunami Disaster Recovery (AIWEST-DR 2018) 10-12 October 2018, Banda Aceh, Indonesia (012033)*, Bristol: IOP Publishing. doi: [10.1088/1755-1315/273/1/012033](https://doi.org/10.1088/1755-1315/273/1/012033) (SCOPUS)
- Treeranurat, W., Saengtubtim, K., Wisittiwong, N., Tang, J., **Leelawat, N.**, Suppasri, A., Pakaksung, K., Imamura, F., Takahashi, N., & Charvet, I. (2019, March). Building damage analysis from the 2011 Great East Japan tsunami. In *Proceedings of the 2019 International Conference on Engineering and Natural Science-Bangkok (ICENS Bangkok 2019)* (pp. 33-39), Bangkok, Thailand.
- Thammarux, P., **Leelawat, N.**, & Matsuoka, M. (2018, November). Seismic hazard evaluation system development for BCP assessment of Thai tourist startups. In *Proceedings of the 7th Asia Conference on Earthquake Engineering (7ACEE)*, Pathum Thani, Thailand.
- Yasuda, M., Muramoto, T., Suppasri, A., **Leelawat, N.**, & Nouchi, R. (2018, November). Education for disaster risk reduction corresponding earthquake and tsunami. In *Proceedings of the 7th Asia Conference on Earthquake Engineering (7ACEE)*, Pathum Thani, Thailand.
- Laosunthara, A., **Leelawat, N.**, Nishihara, A. (2017, November). Utilization and findings of email communication in university campus. In L. G. Chova, A. L. Martínez, & I. C.I Torres (Eds.), *ICERI2017 Proceedings* (pp. 2609-2616), Valencia: IATED Academy. doi: [10.21125/iceri.2017.0747](https://doi.org/10.21125/iceri.2017.0747) (ISI)
- Thamarux, P., **Leelawat, N.**, & Matsuoka, M. (2017, May). The GIS database analysis for multi natural hazards risk estimation web application development: A focus on startups in Thailand. *Proceedings of the International Symposium on Remote Sensing (ISRS 2017)* (pp. 163-166), Nagoya, Japan.
- Leelawat, N.**, Suppasri, A., Latcharote, P., Imamura, F., Abe, Y., & Sugiyasu, K. (2017). Increasing tsunami risk awareness via mobile application. In E. Meilianda, A. Sakurai, E. Mary, & R.Suryani (Eds.), *IOP Conference Series: Earth and Environmental Science: Vol. 56. 10th Aceh International Workshop and Expo on Sustainable Tsunami Disaster Recovery (AIWEST-DR 2016) 22-24 November 2016, Banda Aceh, Indonesia (012001)*, Bristol: IOP Publishing. doi: [10.1088/1755-1315/56/1/012001](https://doi.org/10.1088/1755-1315/56/1/012001) (SCOPUS)
- Latcharote, P., **Leelawat, N.**, Suppasri, A., & Imamura, F. (2017). Developing estimating equations of fatality ratio based on surveyed data of the 2011 Great East Japan tsunami. In E. Meilianda, A. Sakurai, E. Mary, & R.Suryani (Eds.), *IOP Conference Series: Earth and Environmental Science: Vol. 56. 10th Aceh International Workshop and Expo on Sustainable Tsunami Disaster Recovery (AIWEST-DR 2016) 22-24 November 2016, Banda Aceh, Indonesia (012011)*, Bristol: IOP Publishing. doi: [10.1088/1755-1315/56/1/012011](https://doi.org/10.1088/1755-1315/56/1/012011) (SCOPUS)
- Leelawat, N.**, Suppasri, A., Park, J., Charvet, I., Latcharote, P., Imamura, F., Iijima, J., & Abe, Y. (2016, June-July). DamageEstimateApp: A mobile application that estimates building damages from tsunami disasters. In Costa, P. T., Zêzere, J. L., Catita, C., Ferreira, M. A., Garcia, R. A. C., Matias, L., Pais, I., Ribeiro, M. J., Rio, I., & Sousa, M. L. (eds.). *ICUR2016 Proceedings/Atas ICUR2016* (pp. 267-274), Lisbon: European Centre on Urban Risks.

Leelawat, N., & Iijima, J. (2013, September). Emergency response organization through enterprise engineering perspective. In Proceedings of the 5th International Conference on Knowledge Engineering and Ontology Development, Algarve, Portugal (pp. 148-155). doi: [10.5220/0004520901480155](https://doi.org/10.5220/0004520901480155)

Leelawat, N., Pee, L.G., & Iijima, J. (2013, June). Mobile apps in flood disaster: what information do users prefer?. Proceedings of the 12th International Conference on Mobile Business, Berlin, Germany.

Leelawat, N. (2011, November). Tablets vs smartphones: Differences in m-commerce application design. Proceedings of the 11th International Conference on Electronic Business, Bangkok, Thailand (pp. 97-104).

Leelawat, N. (2010, November). A study of electronic money for online games in Thailand. Proceedings of the Ninth International Conference on e-Business 2010, Bangkok, Thailand (pp. 6-12).

National Conference Proceedings Articles

ศุภกิตต์ เวียนเสี้ยว, ปชาณัฐ นันทไทยทวีกุล, และ **ณัฐ ลีละวัฒน์**. (2566, มิถุนายน). Business continuity management concepts in disaster situation: Thailand emergency medical system (in Thai) (การบริหารความต่อเนื่องทางธุรกิจในสถานการณ์ภัยพิบัติ: ระบบการแพทย์ฉุกเฉิน ประเทศไทย). รายงานสืบเนื่องจากการประชุมระดับชาติเครือข่ายพัฒนาความเข้มแข็งต่อภัยพิบัติไทย ครั้งที่ 1 ประจำปี 2566 [The 1st National Academic Conference in association with Thai Network for Disaster Resilience], Faculty of Sciences and Health Technology, Navamindradhiraj University and Thai Network for Disaster Resilience, Thailand.

Yooyongchuen, S., **Leelawat, N.**, & Tang, J. (2022, May 11-12). Quality plan's parameters visibility application development with scrum methodology of agile. In The 40th Conference of Industrial Engineering Network (IE Network 2022) การประชุมวิชาการข่ายงานวิศวกรรมอุตสาหกรรม ประจำปี พ.ศ. 2652 [Proceedings of the 37th IE Network Conference], Faculty of Engineering and Industrial Technology, Silpakorn University, Thailand.

ปาณิสรา ณียกุล, นันทนธ์ ปาณู, ศรีณยา สิงศิริตัน, อมรศิริ วิลาสเดชานนท์, **ณัฐ ลีละวัฒน์**, และ ธวัชชัย เดชสุนันต์. (2562, กรกฎาคม). Risk assessment, preventive and response planning for power outage in Faculty of Engineering, Chulalongkorn University (in Thai) (การประเมินความเสี่ยง, วางแผนป้องกัน และรับมือกรณีเกิดเหตุการณ์ไฟฟ้าขัดข้องในคณะวิศวกรรมศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย). การประชุมวิชาการข่ายงานวิศวกรรมอุตสาหกรรม ประจำปี พ.ศ. 2652 [Proceedings of the 37th IE Network Conference], Faculty of Engineering, Chulalongkorn University, Thailand.

ธนวิษญ์ กิจบำรุง, ปฏิภัค รติยานวัฒน์, ชยุดพล ชุณหัชชาวลกุล, ดรัย ปวีรรตภาษา, **ณัฐ ลีละวัฒน์**, และ จัตรีพันธ์ จินตนาภักดี. (2562, กรกฎาคม). Area-business continuity management: A case study of construction material company (in Thai) (การบริหารจัดการความต่อเนื่องทางธุรกิจในระดับพื้นที่: กรณีศึกษาบริษัทผลิตวัสดุก่อสร้าง). การประชุมวิชาการข่ายงานวิศวกรรมอุตสาหกรรม ประจำปี พ.ศ. 2652 [Proceedings of the 37th IE Network Conference], Faculty of Engineering, Chulalongkorn University, Thailand.

ธีรวัจน์ โรจนสุวรรณ, นฤดม มณีกาญจนสิงห์, สุรพัศ พิทยาวัฒน์, ณัฐกิตต์ เหล่าวิทยานรักษ์, **ณัฐ ลีละวัฒน์**, และ ธีทัต เจริญกาลัญญดา. (2562, กรกฎาคม). Applying the gamification concept to a navigation application for visiting buildings in university (in Thai) (การประยุกต์หลักเกมมิฟิเคชันกับแอปพลิเคชันแผนที่นำทางสำหรับการเยี่ยมชมอาคารในมหาวิทยาลัย). การประชุมวิชาการข่ายงานวิศวกรรมอุตสาหกรรม ประจำปี พ.ศ. 2652 [Proceedings of the 37th IE Network Conference], Faculty of Engineering, Chulalongkorn University, Thailand.

Ohashi, T., **Leelawat, N.**, & Laosunthara, A. (2018, December). The Challenges of KOSEN System Export to Thailand - From Questionnaire Survey for Thai KOSEN Course Students (in Japanese) (日本式高専システムのタイ輸出に際する課題—タイ高専コース学生に対する質問紙調査から—). 日本教育工学会研究報告書 [Research Report of JSET Conference], 149-154, Japan Society for Educational Technology, Japan.

Laosunthara, A., **Leelawat, N.**, & Nishihara, A. (2017, September). IT-based communication to students on university campus (in Japanese) (大学内でのITによる学生への情報伝達). 電気学会研究会資料 教育フロンティア研究会[The Papers of Technical Meeting on "Frontiers in Education", IEE Japan], 19-23, Nihon University, Tokyo, Japan.

Leelawat, N., Suppasri, A., Murao, O., & Imamura, F. (2014, December). Analysis of influential factors on building damage from the 2004 Indian Ocean tsunami: A case study of Sri Lanka. In Proceedings of the 14th Japan Earthquake Engineering Symposium 2014, Chiba, Japan, 1633-1638.

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