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ผู้ช่วยศาสตราจารย์ ดร.ณัฐ ลิขิตวัฒน

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

Assistant Dean (Communications and International Affairs)

Faculty of Engineering, Chulalongkorn University

Director

Risk and Disaster Management Program, Graduate School, Chulalongkorn University

Head

Disaster and Risk Management Information Systems Research Group, Chulalongkorn University

Assistant Professor

Department of Industrial Engineering, Faculty of Engineering, Chulalongkorn University

Regional Advisory Committee

Asia Oceania Geosciences Society (Singapore)

Moderator

Pood Ja Prasa Chang, FM 101.5 MHz, Tue 10:00-10:30/Sun 08:30-09:00, Bangkok (Thailand)

Columnist (Risk Reduction Column)

TPA News, Technology Promotion Association (Thailand-Japan)



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Research Interests
Management Information Systems
Disaster Management
Risk Management
Business Continuity Management
Enterprise Engineering

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

2020- **Director**, Risk and Disaster Management Program,
Graduate School, Chulalongkorn University (Thailand)
2020- **Assistant Dean (Communications and International Affairs)**,
Faculty of Engineering, Chulalongkorn University (Thailand)
2018- **Assistant Professor**, Chulalongkorn University (Thailand)
2018- **Research Group Head**, DRMIS, Chulalongkorn University (Thailand)
2017-2018 **Lecturer**, Chulalongkorn University (Thailand)
2017- **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

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)

Certification

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

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
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
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
2012-2013	Advisory Committee (Public Relations and IT), TSAJ
2014	Co-chairperson, 5th Thailand-Japan Int. Academic Conf., Japan
2011-2012	VP (Public Relations and IT), TSAJ

Teaching

Accounting Information Systems
Computer and Information Technology for Industrial Engineering
Disaster Management
Disaster Management and Technology
Electronic Commerce
Emergency Management
Exploring Engineering World
Management under Different Culture
Production and Operations Management Information Systems
Risk Management
Risk Management for Industry



Featured: https://www.titech.ac.jp/english/globalization/stories/alumni_story.html

Reviewers

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, Mahasarakham International Journal of Engineering and Technology, 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: 308; h-index: 9; i10-index: 9)

International Journal Articles

- 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 from 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 Q2).
- 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 Q2).
- Leelawat, N.**, Tang, J., Saengtabtim, 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 Q2)

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. (in press). 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*, Lyell. 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, **ณัฏฐ์ ลีละวัฒน์**, Jing Tang, วันใหม่ โพธิ์ถาวร, และศิวกร กมลภากรณ์. (2563). แนวทางการพัฒนาสภาพแวดล้อมการท่องเที่ยวไทยผ่านมุมมองของตลาดญี่ปุ่น. วารสารสิ่งแวดล้อม [Environmental Journal], 24 (1).

ณัฏฐ์ ลีละวัฒน์, Jing Tang, ณพวัฒน์ โชติวรรณ, และธนวิทย์ ประกิตเดชะกุล. (2561). จากวันนั้นถึงวันนี้ สีนามักับอุตสาหกรรมโรงแรม. วารสารสิ่งแวดล้อม [Environmental Journal], 22 (4). 4-8.

International Conference Proceedings Articles

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)
- Choroenthammachokoe, 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.

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Last Updated: Jan 31, 2021