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[Peer-Reviewed Journal Papers]

-Garcia-Fry, M., Murao, O., Bachri, S., Moya, L.A., (2022). Land-Use Microsimulation Model for Livelihood Diversification after the 2010 Merapi Volcano Eruptions. Transportation Research Part D: Transport and Environment 104, 103189. https://doi.org/10.1016/j.trd.2022.103189

[Peer-Reviewed Conference Abstracts]

-Garcia-Fry, M. and Murao, O., (2022). Retrieving Small Area Population Dynamic Trends after the 2011 Great East Japan Earthquake. AI-WEST DR 2022, Priority 4: Enhancing disaster preparedness for effective response and to "Build Back Better" in recovery, rehabilitation, and reconstruction, Sydney, Australia. https://easychair.org/smart-program/AIWEST-DR2022/2022-09-30.html

-Garcia-Fry, M. and Murao, O., (2020). A Post-Disaster Forecast Analysis for Relocation Settlements using a Combined Model Sequence. The 17th World Conference on Earthquake Engineering (17th WCEE), No.7d-0001, Sendai, Japan. https://wcee.nicee.org/wcee/article/17WCEE/7d-0001.pdf

[Non-Reviewed Conference Papers]

-Garcia-Fry, M. and Murao, O., (2020). Suburban Development Process for Rebuilding Lives after Relocation following the Eruption of Mt. Merapi, Indonesia. Abstracts of the 2020 Tohoku Branch Research Presentation of the City Planning Institute of Japan, Sendai, Japan, 25-42.

-Garcia-Fry, M. and Murao, O., (2020). A Post-Disaster Forecast Analysis for Relocation Settlements using a Combined Model Sequence. Technical Paper Summaries of the Annual Meeting of the Architectural Institute of Japan, Sendai, Japan, 711-712.

-Sugiyasu, K., Takahashi, H., Yokota, N., Katayama, K., Garcia-Fry, M., Tachibana, I., Onodera, K., and Kikuchi, H., (2019). Action of the Evacuation Drills of the Post Recovery Project from 2011 Great East Japan Earthquake –Case Study in 2018 at Usiso Iwaki City, Fukushima. Tohoku Region Disaster Science Research 55, 221-224. http://nds-tohoku.in.arena.ne.jp/ndsjournal/data/volume55.pdf

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-Garcia-Fry, M., (2025). Evaluating Land Use Change from a Pre-Disaster Recovery Planning Perspective: A Model to Analyze Post-Disaster Settlement Location. Tohoku University, Sendai, Japan.

-Garcia-Fry, M., (2015). Regeneration of the Coastal Edge of Lobitos: Architecture as an Interpreter of Nature. Universidad Peruana de Ciencias Aplicadas, Lima, Peru. http://hdl.handle.net/10757/346804

[Datasets]

-Garcia-Fry, M., (2024). Resettlement Area Detection Model, Mendeley Data, v1. http://www.doi.org/10.17632/35m73mn9nr.1

-Garcia-Fry, M., (2023). Ground Cover Change (GCC) Model, Mendeley Data, v5. http://www.doi.org/10.17632/mzp3k6fmtz.5

-Garcia-Fry, M., (2022). OLUTM Model Dataset, Mendeley Data, v3. http://www.doi.org/10.17632/t9p23k3pyn.3

[Patents]

-Garcia-Fry, M., (2023). Modular Construction System. U.S. Provisional Patent No. 63533917.

[Grants]

-Garcia-Fry, M., Matsunaga, L., Haruna, K., and Arrunategui, C., (2022). Post-Disaster Housing Reconstruction using a Standardized Self-Construction Toolkit. Tomoni Grant, Tohoku University Fund. https://www.kikin.tohoku.ac.jp/project/tomopro/2021/pj_001

[Reports]

-Garcia-Fry, M., (2020). Relationship Between Earthquake Ground Motion Characteristics and Vibration Damage. Tohoku University, Earthquake Disaster Control, Sendai, Japan. 10.13140/RG.2.2.12359.27043

-Murao, O., Garcia-Fry, M., Sato, T., Kimura, N., and Kato, S., (2021). APRU-IRIDeS Multi-Hazards Program, Virtual Autumn School 2021, Sendai, Japan. https://apru.org/resources_report/report-of-the-apru-irides-multi-hazards-program-virtual-autumn-school-2021/

[Invited Lectures]

-Garcia-Fry, M., (2021). Microsimulador de Usos de Suelo y Transporte Operativo (OLUTM) para el desarrollo de medios de vida tras la Erupcion del Volcan Merapi en el 2010, Asociacion Academica Peruano-Japonesa. Online Symposium.

[Poster Presentations]

-Garcia-Fry, M., (2020). Post-Disaster Operational Planning Process for Transit-Oriented Development with Secured Access to Livelihood Recovery. 9th Joint Student Seminar on Civil Infrastructures, International Center for Urban Safety Engineering (ICUS) and Regional Network Office for Urban Safety (RNUS). https://icus.iis.u-tokyo.ac.jp/wp/wp-content/uploads/2021/04/89_9th-joint-student-seminar2020.pdf

[Human Interest Articles]

-Garcia-Fry, M., (2023). Tohoku University Integrated Report, pp. 52-53. https://www.tohoku.ac.jp/en/about/fact_figures.html

-Garcia-Fry, M., (2022). Arquitecto Peruano en Japón desarrolla software para hacer frente a desastres naturales, Andina News. https://andina.pe/agencia/noticia-arquitecto-peruano-japon-disena-software-para-hacer-frente-a-desastres-naturales-882805.aspx

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-Garcia-Fry, M., (2021). Egresado de Arquitectura en Japon: Me dispongo a cumplir metas que me recuerdan porque estoy aquí, Universidad Peruana de Ciencias Aplicadas. https://noticias.upc.edu.pe/2021/03/08/egresado-arquitectura-martin-garcia-japon-dispongo-cumplir-metas-recuerdan-por-que-estoy-aqui/

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-Garcia-Fry, M., Norris, V., and Kim, T., (2024). American Planning Association, City Planning and Management Division, Mentorship Program: https://sites.google.com/apacity.org/mentorship/home

-Garcia-Fry, M. and Pozdnyakova, L., (2019). Architecture for Disaster Risk Reduction and Resilience (ArcDR^3) Program: https://xlab.aud.ucla.edu/irides-tohoku-arcdr3/