Form １-１

Date (yyyy/mm/dd)

2024 International Research Institute of Disaster Science (IRIDeS)

Co-creation Center for Disaster Resilience

Disaster Resilience Co-Creation Research Project

Prof. Shinichi Kuriyama

Director, International Research Institute of Disaster Science (IRIDeS), Tohoku University

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| --- | --- |
| Principal Investigator | |
| Title, Name |  |
| Affiliation |  |
| Postal Address |  |
| e-mail |  |
| Phone |  |

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| Research Topic  (Check the one that applies) | Research Topic (1): Studies related to the development of disaster digital twins.  \* Counterpart in IRIDeS: Shunichi Koshimura, Deputy Center Director  Research contributing to the enhancement of disaster resilience related to the research content of four key research areas.  Quantifying Disaster Resilience Division  Human Resilience Division  Disaster Information Curation Division  Disaster Resilience Co-creation Division  Research on elucidating social dynamics using Human Mobility Data. |

Usage of resources in IRIDeS

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| Facilities and equipment, materials, and databases | Please refer to the following URL to find the relevant resource (only the Japanese version is available. Please consult your counterpart).  <https://irides.tohoku.ac.jp/research/collab_project/resource.html>  1. Facilities　 2. Materials　 3. Databases | |
| Research Division |  |
| Resource ID |  |
| Name of the resource |  |
| Responsible Faculty in IRIDeS |  |
| Human Mobility Data | Mobile Spatial Statistics: The Human Mobility Data provided by NTT DOCOMO Insight Marketing | |

Research Agenda

**You may adjust the fields as necessary, but please ensure it is within four A4-sized pages, including the cover page.**

1. Research Title:
2. Research Period: From Jun. 1, 2024 to Mar. 31, 2025
3. Research Team: Describe in Form 1-2
4. Total Amount of Required Budget: JPY (Details should be described in Form 2)
5. Brief Description of Research Outline (up to 100 words)
6. Aim of the research (Up to 200 words. Describe it in plain words so that referees outside your expertise can understand the value and relevance.)
7. Research Plan (Up to 200 words. Describe it in plain words so that referees outside your expertise can understand the value and relevance.)
8. Expected outcome (Up to 200 words. NOT only the academic outcome, describe the effects on the disaster resilience. International collaboration is welcome.)
9. Previous research output (Up to five relevant publications and/or outcomes)
10. If you wish to continue the adopted projects from the on-going Disaster Resilience Co-Creation Research Project, please describe the achievements and the need for continuation. **(\* The research period for the same project is limited to a maximum of three years.)**