

November 1st, 2021

National Research Institute for Earth Science and Disaster Resilience

Tokio Marine Holdings, Inc.

**Establishment of a Joint Venture Company between National Research Institute
for Earth Science and Disaster Resilience and Tokio Marine Holdings, Inc.
: I-Resilience Co., Ltd.**

I-Resilience Co., Ltd., has embarked to provide new services for disaster resilience as a joint venture between National Research Institute for Earth Science and Disaster Resilience (NIED) and Tokio Marine Holdings, Inc. (TMHD) .

NIED and TMHD are pleased to announce the establishment of the joint venture which will provide new services for disaster risk reduction (DRR) tailored to the needs of society. The DRR services will integrate DRR-related information and research outcomes produced by NIED as well as various risk data and risk preventive know-how possessed by TMHD.

With the increasing occurrence of natural catastrophes, combined with the growing risk of mega-earthquakes, strengthening disaster resilience has become an even more pressing task. In the context of science and technology innovation, there are high expectations from society for the creation of innovation in DRR through public-private partnerships.

Prior to this joint venture, while recognizing such societal needs, NIED and TMHD concluded a comprehensive partnership agreement in September 2019 to strengthen their efforts in DRR through co-creation. More importantly, the enforcement of the Law on the Revitalization of Science, Technology and Innovation Creation has enabled NIED to fund a business operator, or a venture company launched by the NIED, that utilizes NIED R&D products.

I. Overview of the Joint Venture

- Company name: I-Resilience Co., Ltd.,
- Location: Chuo-ku, Tokyo, Japan
- Representative: KOBAYASHI Makoto
- Capital: JPY 30 million
- Establishment: November 1st, 2021
- Start of business: December 1st, 2021
- Equity stake: NIED 55%, TMHD 45%

II. Business Details of the Joint Venture

A. Operation of Existing Information Products

Provision, distribution, and management of information products on damage extent prediction, recovery prospect, disaster response support, evacuation support tailored to user needs.

B. Provision of DRR Solutions

Deliberation, trial production, and joint development of DRR solutions, i.e. software, hardware, actions, and procedures, in collaboration with industry and universities.

C. Information Products to Improve Disaster Resilience

Customization of information products according to individual needs and innovation by combination with data held by industry, governments, universities, etc.

D. Awareness Raising through DRR Education and Training

Implementation of DRR education, drills, training, and execution, utilizing NIED's information products and data etc.,

III. Overview of Investors

Name	National Research Institute for Earth Science and Disaster Resilience
Location	3-1 Tennodai, Tsukuba, Ibaraki
Representative	President: HAYASHI Haruo
Business Description	Fundamental and advanced research on all types of hazards including earthquakes, tsunamis, volcanic eruptions, strong winds, torrential rain, heavy snow, and landslides spanning all phases to achieve more resilient society.
Establishment	April 1 st , 1963

Name	Tokio Marine Holdings, Inc.
Location	1 -2 -1 Marunouchi, Chiyoda, Tokyo
Representative	President and Group CEO: KOMIYA Satoru
Business Description	Management of non-life insurance companies, life insurance companies, specialized securities companies, foreign companies engaged in insurance businesses and any other company which is or may become a subsidiary of the company in accordance with the provisions of the Insurance Business Law of Japan.
Establishment	April 2 nd , 2002