

# News Release

## MS&AD Insurance Group Holdings, Inc.

Listed on Tokyo and Nagoya Stock Exchanges (Code:8725)  
Corporate Communications and Investor Relations



August 30, 2023

### **“Global Future Flood Hazard Map” – Access it for Free**

MS&AD Insurance Group Holdings, Inc. (President and Group CEO: Noriyuki Hara) and MS&AD InterRisk Research & Consulting, Inc. (President and CEO: Masashi Ippongi) will expand the coverage of the free future flood hazard map to the world from September this year. The map, originally launched with a limited geographical coverage in April 2023, provides a comprehensive view of risk in current and future climates for companies that operate in areas without flood hazard maps and those planning to capture global flood risks.

Further, the resolution of the grid will increase by 9 folds (from 90 meters to 30 meters) in Japan area in paid consulting service, which enables more detailed flood risk analysis.

#### **1. Overview of “Global Future Flood Hazard Map”**

This hazard map was developed based on the joint research of the LaRC-Flood® Project\*<sup>1</sup> and was publically launched in April this year for limited regions such as Southeast Asia for free of charge. Following positive feedbacks and many requests from customers since its release, the map coverage expands globally from September 2023. ([https://www.irric.co.jp/risksolution/sustainability/prediction\\_map/index.php](https://www.irric.co.jp/risksolution/sustainability/prediction_map/index.php))

\*1: Abbreviation for Large-scale Risk assessment of Climate change for Flood. This project was launched in 2018 by Yamazaki Laboratory, Institute of Industrial Science, University of Tokyo, Hirabayashi Laboratory, Department of Civil Engineering, Faculty of Engineering, Shibaura Institute of Technology, MS&AD Insurance Group Holdings Co.,Ltd., and MS&AD InterRisk Research & Consulting, Inc., with the aim of conducting a large-scale assessment of flood risk due to climate change.



“Global Future Flood Hazard Map” Free Version (around the Delhi, India)

#### **2. Introduction of paid consulting services for companies**

MS&AD InterRisk Research & Consulting, Inc. commenced flood risk paid consulting services this April with more advanced specifications (e.g. more higher resolution, more scenerios and so on) than the free version.

Improvement of the grid resolution from 90 m to 30 m in Japan area supports the understanding of physical risks in the event of climate change, estimating the financial damages by flood and changes in inundation depth in the future.

<Specification of “Global Future Flood Hazard Map”>

		For free publication	For paid consulting services
Target		River flood	
Specification	① Spatial resolution	About 500 meters	About 90 meters (About 30 meters in Japan only) <span style="border: 1px solid red; padding: 0 2px;">new</span>
	② Reproduction probability	100 years	100 years~1,000 years
	③ Target age	Now/2080 years	Now/2030 years/ 2050 years/2080 years
	④ Climate change scenario	ssp585*2	ssp126*3/ssp585
Areas covered		Global <span style="border: 1px solid red; padding: 0 2px;">new</span>	Global
Cost		Free	Charges

\*2: ssp585: scenario when no further policy mitigation measures taken (4°C increase scenario)

\*3: ssp126: scenario aimed at limiting temperature rise to less than 2°C above pre-industrial levels

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