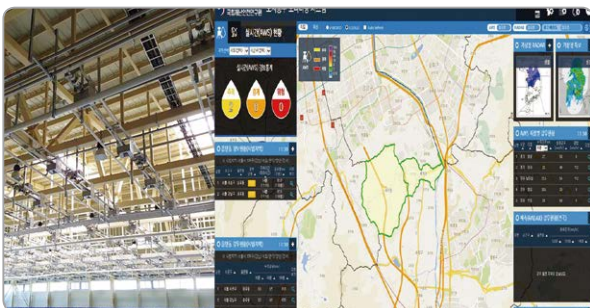## Introduction to the Research Divisions

Safety Research Division

- Developing a safety index to improve regional safety capability
- Developing a disaster safety policy and analytics technologies for efficient budget investment
- Developing skills of extracting, comparing, analyzing standards for safety regulations
- Improving technologies related to social safety such as a mapping service for safety, pedestrian traffic safety and etc.
- Establishing a relief service for disaster victims and developing a policy and technologies in the field of evacuation and disaster relief.
- Developing technologies based on Big Data to prepare for a new type of disasters
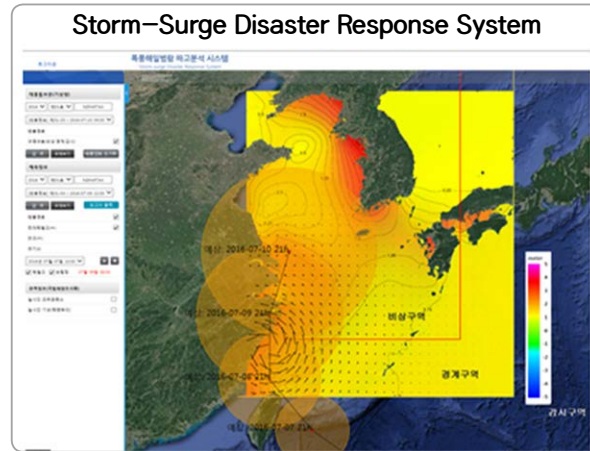

Safe Community Mapping

Disaster Prevention Research Division

- Developing technologies in disaster risk assessment and preparedness, improving skills in the field of damage expectation, mitigation and recovery
- Establishing natural disaster forecasting–warning system such as flooding and drought
- Operating disaster–experience educations and high–tech facilities for experiment
- Sharing technologies with other countries and transferring disaster management skills thorough Official Development Assistance(ODA)
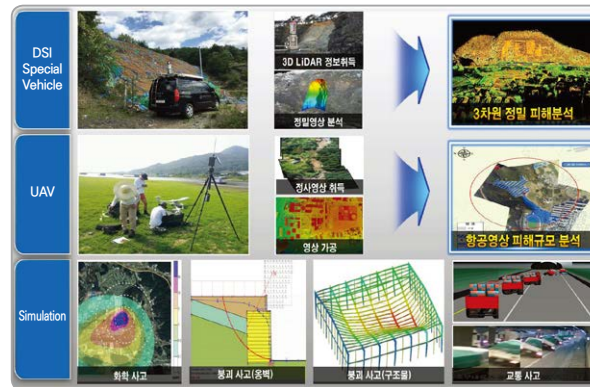

Disaster Information Research Division

- Developing sharing skills for smart disaster site information in real time
- Investigating and analyzing Multi–hazard by using a satellite
- Developing decision–making skills by type of disasters
- Developing skills based on intelligence information to recognize disaster safety

Storm–Surge Disaster Response System

Disaster Scientific Investigation Division

- Developing technologies based on disaster profiling to investigate disaster causes
- Improving skills to identify disaster and incident sites based on high-tech equipment
- Operating and supporting a join government team to investigate disaster causes
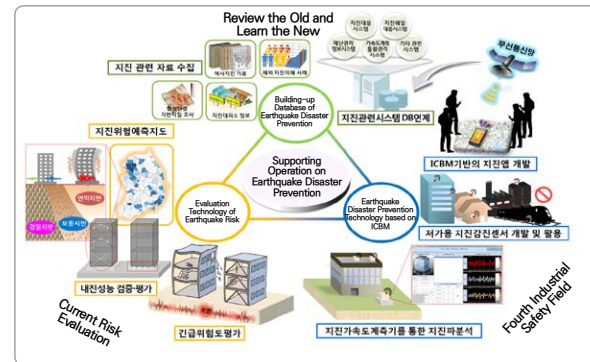

Introduction to the Research Divisions

Earthquake Hazard Research Division

- Creating and analyzing earthquake prevention information, establishing research infrastructure for earthquake prevention
- Carrying out the national comprehensive earthquake prevention plan and establishing earthquake prevention R&D roadmaps
- Researching a structure of response to earthquake and supporting related–techniques
- Developing preparedness and recovery technologies related to earthquake

Activities

Out of working hours, NDMI has time to enjoy hobbies and volunteering together through various club activities.

Mountain Climbing Club

Hamwol's Echo

English Conversation Academy

Voluntary Service

Employment Information for 2018

Pursuing your dream and passion!

Job Opportunity

- Public Officials for Research: 0 (Researcher–government position: 0)
- Researcher–unlimited contract worker: 00(first half year: 00, last half year: 00)
  *Other employees for official duty(building manager, cleaner, receptionist): Hiring when having a vacancy

● Requirement

● Senior Researcher–government position (facility, engineering and etc.)

Requirements	Education	master's degree or doctoral degree majored in related field
	Experience	· at least 3 years civil service career and related experience (Junior Official level) · at least 6 years non civil service career and related experience
	Major	civil engineering, architectural engineering, safety engineering, electrical engineering, mechanical engineering and etc.

● Researcher (unlimited contract worker, non-government position)

Position	Requirement	Note
Principal Researcher	doctoral degree majored in the related field(possible for prospective graduate)	
Senior Researcher	at least completing doctoral course in the related field(possible for students who are expected to complete doctoral course)	
Researcher	at least master's degree majored in the related field(possible for prospective graduate)	
Research Assistant	at least bachelor's degree majored in the related field(possible for prospective undergraduate)	

● Preference and Additional Points

- English score(from the below score, applicants will get extra points based on the applicant's results)

English score	TOEFL			TOEIC	TEPS	G-TELP	FLEX
	PBT	CBT	IBT	700	625	65 (Level 2)	625
	530	197	71				

- Japanese score(from the below score, applicants will get extra points based on the applicant's results)

Japanese score	JLPT	JPT	BJT	SJPT
	level 3	460 (level C)	420 (J2)	Level 8

- National Korean History Exam level 3 or higher: extra points within 3/100
  ※ the preference and additional points are subject to change

National Disaster Management Research Institute

for 2018

Employment Information

We are looking forward to working with you!

History

- **1997** National Institute for Disaster Prevention(NIPD) created under the Ministry of the Home Affairs(9.2.)
- **1998** Transferred into the Ministry of Government Administration and Home Affairs(2.28.)
- **2004** Transferred into the National Emergency Management Agency as it was inaugurated(6.1.)
- **2009** Managed General R&D tasks related to disaster and safety management in the National Emergency Management Agency
- **2011** Transferred into the Ministry of Public Administration and Security, and expanded and reorganized to National Disaster Management Institute (10.25.)
- **2013** Transferred into the Ministry of Security and Public Administration as an executive agency, and changed the name as National Disaster Management Research Institute(NDMI)(3.23.)
- **2014** Transferred into the Ministry of Public Safety and Security as it was inaugurated(11.19.)
- **2015** Relocated to Ulsan Metropolitan City(12.21.)
- **2017** Created Earthquake Hazard Research Division(1.1.) and transferred into the Ministry of the Interior and Safety(7.26)

NIPD was created in 1997

The name was changed as NDMI in 2013

NDMI was relocated to Ulsan Metropolitan City in 2015

International Workshop of Typhoon Committee Working Group was held in 2016

Purpose of Establishment and Functions

Purpose of Establishment

Researches pragmatic disaster management technologies and supports the government for developing disaster and safety management policy

Function

Disaster Policy Research

Conducting research on enactment and revision of law, development and improvement of legal system, guidelines, and plans in the field of disaster & safety management

※ Developing integrated forecasting-warning technologies for national drought information and safety standard and conducting research on national disaster management system etc.

Disaster & Safety Technologies Development

Conducting and developing technologies regarding disaster forecast, prevention, preparedness, response and recovery

※ Developing Big Data application technology, national earthquake response technology and smart disaster management system

Disaster Information Analysis

Developing disaster situation analysis and management support technology

※ Analyzing information of satellite image, CCTV and etc., and developing integrated safety information management system

Disaster and Accident Investigation

Developing scientific disaster & accident scene investigation and cause analysis techniques

※ Supporting the National Disaster Investigation Commission and coming up with improvement schemes

International Cooperation

Developing international technical cooperation and global research network

※ Cooperating with the UN ESCAP/WMO Typhoon Committee and conducting Official Development Assistance(ODA)

R&D Planning and Management

Planning, managing and evaluating disaster & safety related R&D projects

※ Planning disaster & safety related R&D strategy, and evaluating & managing R&D project organizations

Follow your dreams and spread your passion in the National Disaster Management Research Institute.

Mission and Vision

Mission — Realization of Safe Korea through Development of Scientific Technology and Policy Research

Vision — Control Tower of Scientific Technology for Disaster & Safety

Major Strategic Goals

Developing Scientific Technology for Disaster Scene Response	Supporting Work-site Operations for Establishing Safe Future Society
Interacting with People and Forming Consensus to Reassure Them	Strengthening Capability and Cooperation for Improving the Brand Value of NDMI

12 Major Strategic Projects

Developing Integrated Forecast Technology to Prepare for Risks	Solving Urgent Pending Issues Regarding Disaster Response, and Applying Them to Work-site Operations
Seeking Substantiality of Communication for Customer Satisfaction	Developing Technologies for Supporting Disaster Situation Management
Developing Disaster & Safety Standards Based on Verification Experiment	Strengthening Research Capability through Knowledge Activities
Developing Disaster Scientific Investigation Technologies	Invigorating Safety Activities which are Customized to Vulnerable Groups and Victims of Disaster
Enhancing Organizational Capacity by Operating Groups and Projects Rationally	Exploring and Responding to Future Disasters based on Big Data
Strengthening Practical Research Capability Focused on Fields and Customers	Enhancing Global Competence through International Cooperations

Organization Chart

- Research Planning Department
- Safety Research Division
- Disaster Prevention Research Division
- Disaster Information Research Division
- Disaster Scientific Investigation Division
- Earthquake Hazard Research Division
- **National Disaster Management Research Institute**
- Disaster Policy Research Center
- R&D Innovation Center

◉ 6 Division/Department Heads(1 Deputy Commissioner, 1 Secretary Official, 1 Open Position, 4 Senior Researchers), 28 Senior Researchers, 34 Researchers, 13 Public Officials in General Service(4 Chief Officials, 3 Junior Officials, 4 Assistant Officials, 2 Administrations)

*Non-government position: 130 Researchers(9 Term of Office Systems in the specialized areas, 121 Researchers and etc.), 18 Employees for Official Duty

The World's Leading Research Mecca in the Field of Disaster & Safety Management

Ministry of the Interior and Safety
National Disaster Management Research Institute

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