



DPM
Disaster Preparedness,
Mitigation and Management

AUGUST 2021

CERTIFICATE COURSE

Multidisciplinary Approach for Disaster Risk
Management, Resilience and Sustainability

Introduction

Training on Disaster Risk Reduction necessitates interdisciplinary research. Enhancing the capacity of the young and early career researcher is the key to mainstream DRR practices in development planning. The “Introductory Course on Multidisciplinary Approach for Disaster Risk Management, Resilience and Sustainability” is co-designed by the Asian Institute of Technology, Keio University, Miyagi University of Education, Andalas University, and Universitas Gadjah Mada under ProSPER.Net consortium.

The certificate course is offered to the members of Higher Education Institute on Disaster Resilience and Sustainable Development. (HEI - DRSD) to enhance their understanding about the Sustainable Development Goals (SDG) and Sendai Framework for Disaster Risk Reduction (SFDRR). The training will help to develop basic understanding about Disaster Risk Reduction (DRR) and sustainable development and contribute to producing a qualified human resource.



Duration: 12 Hours

(Spread across two weeks)

Mode: Virtual

Date : 16 - 26, August, 2021

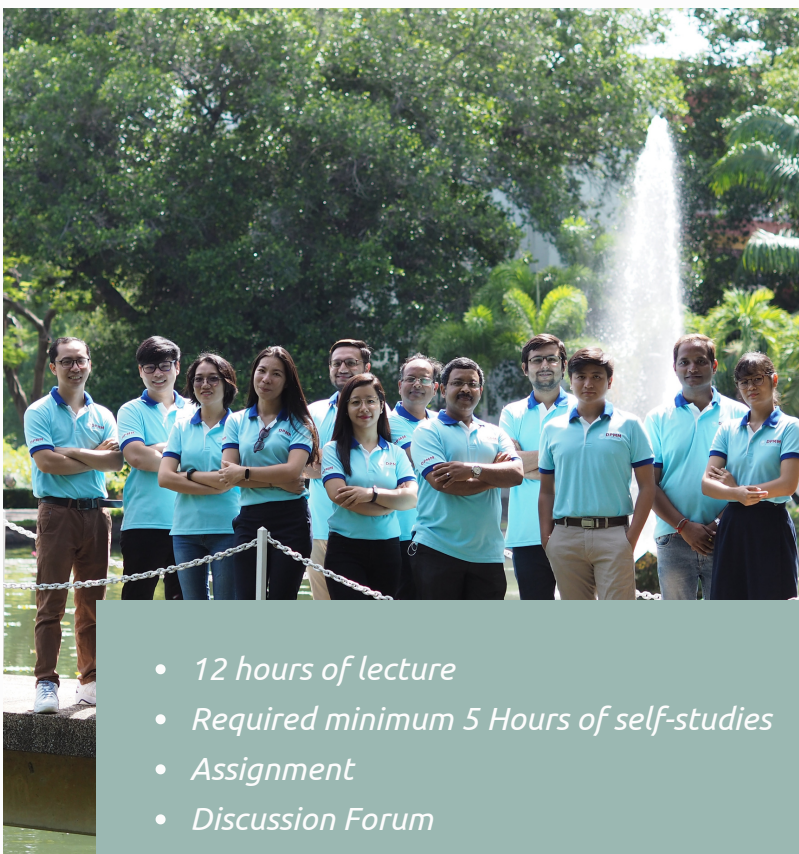


Miyagi University of Education

Outcomes of the Trainings

Upon successful completion of the training, participants will be able to:

- Have a fundamental understanding of Disaster Risk Reduction.
- Understand the implementation context of the various perspective of SFDRR.
- Understand targets and priorities of Sendai Framework and its interrelation with SDGs.
- Understand various case studies on SDGs and SFDRR in practice and policy.



- 12 hours of lecture
- Required minimum 5 Hours of self-studies
- Assignment
- Discussion Forum

16 Aug, 2021

Opening Session

13:00– 14:00 PM

Chair : Dr. Indrajit Pal

Facilitator: Ganesh Dhungana

Lecture 1

14:00 – 15:00 PM

Vulnerability, Resilience and Governance in Asia-Pacific

Instructor: Dr. Indrajit Pal, Asian Institute of Technology

18 Aug, 2021

Lecture 2

11:00– 12:00 PM

Pandemic Risk Reduction & Management

Instructor: Dr. Defriman Djafri, Andalas University

Lecture 3

12:00 – 13:00 PM

Civil engineering and disaster risk reduction

Instructor: Prof. Abdul Hakam, Andalas University

20 Aug, 2021

Lecture 4

11:00– 12:00 PM

Science, technology and disaster risk reduction

Instructor: Prof. Rajib Shaw, Keio University

Lecture 5

12:00 – 13:00 PM

Urban rural linkages and resilience building

Instructor: Vibhas Sukhwani, Keio University

24 Aug, 2021

Lecture 6

11:00– 12:00 PM

Large-scale disaster and the role of school

Instructor: Prof. Tomonori Ichinose, Miyagi University of Education

Lecture 7

12:00– 13:00 PM

Training Educators in Disaster Risk Reduction

Instructor: Dr. Takashi Oda, Miyagi University of Education

25 Aug, 2021

Lecture 8

11:00– 12:00 PM

Climate Change Impacts on Hydro-climatic Extremes: Evidences from Modeling Studies

Instructor: Prof. Sangam Shrestha, Asian Institute of Technology

Lecture 9

12:00– 13:00 PM

Vulnerability and Risk Assessment for Sustainability - Geospatial Approach

Instructor: Dr. Anirban Mukhopadhyay, Asian Institute of Technology

26 Aug, 2021

Lecture 10

11:00– 12:00 PM

Vulnerability and Resilience Outlook for Indonesia

Instructor: Dr. Dyah Rahmawati Hizbaron, Universitas Gadjah Mada

Lecture 11

12:00– 13:00 PM

Disaster Risk Management and Development

Instructor: Dr. Estuning Tyas Wulan Mei, Universitas Gadjah Mada

Discussion forum, Feedback and Closing Session

13:00– 14:00 PM

Developed for ProSPER.Net project “Disaster Education for integrating SFDRR and SDG in Asia”