FACULTY MEMBERS

Dr. Indrjeet Pal
OSR, ICS, Governance and Participatory DRM

Dr. Jayaraman K V Potty
Climate Prediction and Early Warning System

Dr. Kripalani Ronita
Real-time Mapping and Simulation of Geologic Processes

Dr. Lee Somaracknam
Geospatial Technology for Disaster Management

Dr. Mustafa K Razak
Disaster Risk Assessment

Dr. Maharashtra Nagal
Spatial Information Engineering

Dr. Moktir Marziyeh Ahmad
NGO Management, Community and Rural Development

Dr. Naipaul Pinalawa
Geological Hazards

Dr. Deep Singh
EIA & Disaster Management

Dr. Peerason Toongkhooroon (ADFC)
Disaster Risk Assessment and Monitoring

Dr. Sarawut Ninsawat
Hazard, ODC, Hazard Assessment & Specifications, SensorWeb

Dr. Sougata Basunyakos (ADFC)
Climate Change and Climate Risk Management

Dr. S殖da Weerasinghe
Tsunami and Coastal Engineering

Dr. Farahudin Tipadech
Remote Sensing

Dr. Vinodini Thilakarathna
Disaster Management in Urban Infrastructure Planning

Mr. A R Subbaiah (RMRS)
Climate Risk Management

Prof. A.P.K Annachhatre
Health and Ecological Risk Management

Prof. Chethyaporn Visvanathan
Environmental Hazards Mitigation

Prof. Jayant K Routray
Planning and Implementation of Disaster Emergency Management

Prof. Mukund Singh Babal
Drought Forecasting and Management

Prof. Nirm Kumar Tiyagi
Remote Sensing and GS for Disaster Mitigation

Prof. Penning Warnitchai
Earthquake Engineering

Prof. Shanaporn Kumar
Climate Change Mitigation

Prof. Towatchai Yingnanithi
Floods and Droughts

FELLOWSHIPS & SCHOLARSHIPS

A limited number of scholarships and fellowships are available for selected applicants with high academic achievement and relevant experience in disaster-related fields.

PARTNERS & COLLABORATORS

OCHA

VNU

UNIVERSITY OF MALAYA

IRDR

International Federation of Red Cross and Red Crescent Societies

adpc

teri

World Society for the Protection of Animals

UNISDR

CONTACT US

Disaster Preparedness Mitigation and Management (DPMM)
Asian Institute of Technology (AIT)
DPMM Office, Room No. E205, SIRD Building, Second Floor
PO. Box 4, Klong Luang, Pathumthani 12120
Bangkok, THAILAND
Tel: (+66) 2524 6400, http://www.aiit.ac.th

COORDINATORS

Prof. Jayant K Routray
School of Environment, Resources and Development

Prof. Penning Warnitchai
School of Engineering and Technology

dpmm@aiit.ac.th; dpmm@aiit.ac.org; dpmm.aiit@gmail.com

http://dpmm.aiit.ac.th/wp/

http://www.facebook.com/DPMM.AIITTheInns_Tmnm

http://www.facebook.com/pages/httpdpmmalitbeth/356485499750

POST-GRADUATE PROGRAM

School of Environment, Resources and Development (SIRD)
School of Engineering and Technology (SET)

DISASTER PREPAREDNESS, MITIGATION AND MANAGEMENT (DPMM)
Rapid escalation and intensity in the incidence of severe disaster events have become a huge threat to the global community. Due to fast rates of population growth, urbanization, poverty, climate change and geographical location, most of the Asian countries have become highly susceptible to natural disasters such as flood, cyclone, drought, earthquake, landslide, extreme temperature, heavy rain, epidemics, etc. It has been felt that there is limited capacity at global, regional and national levels in terms of knowledge base, skills training, long-term planning, emergency preparedness and policy development to respond to such severe disaster events. Consequently, this gave way to an academic program at AIT to address these issues in innovative ways.

DPMM is an interdisciplinary academic program at AIT that aims to produce high quality of professionals for better contribution in disaster preparedness, mitigation and management. DPMM works closely with its partners/collaborators to enhance a much wider understanding and knowledge sharing from the international to local level. The program graduates will be ready to play leading roles in developing appropriate disaster management policies, strategies and techniques as well as in raising awareness in communities to protect people from the increasing disasters and helping build resilient communities.

Applications for admission are accepted regularly throughout the year. To ensure sufficient time for visa processing and other formalities, applications must reach AIT by:

**January Intake**
15 October (for scholarship applicants)
15 November (for self-financed applicants)

**August Intake**
15 March (for scholarship applicants)
15 June (for self-financed applicants)

**FOR FURTHER DETAILS REGARDING ADMISSION:**
Please visit - http://www.ait.ac.th/admissions

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**ADMISSION REQUIREMENT**

Potential candidates with architecture, engineering, environment, management, medical, natural and social science backgrounds can apply. Those with backgrounds in relevant fields of study or work experience will be given priority for selection.

**ENTRY REQUIREMENT**

- Bachelor degree
- Bachelor degree plus 3 years work experience
- Bachelor degree plus an internship in summer

**CREDIT REQUIREMENT**

- 12 credits (4 courses of 3 credits each)
- 33 credits plus an internship in summer
- 50 credits (28 credits course work and 22 credits master’s thesis study)
- 84 credits

**DURATION**

- (Semesters): 15 weeks (1 semester)
- 12 months academic program (spanning 2 semesters and a summer period of 12 weeks)
- 22 months academic program (4 semesters)
- 36 months (6 semesters)

**COST OF STUDY**

- 188,000 Baht
- 502,000 Baht
- 722,000 Baht
- 1,292,000 Baht

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**ACADEMIC PROGRAM & COST OF STUDY**

<table>
<thead>
<tr>
<th>DEGREE</th>
<th>Post-Graduate Certificate Program</th>
<th>Professional Master Degree Program</th>
<th>Master Degree (Regular Program)</th>
<th>Doctoral Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entry requirement</td>
<td>Bachelor degree</td>
<td>Bachelor degree plus 3 years work experience</td>
<td>Bachelor degree</td>
<td>Master degree</td>
</tr>
<tr>
<td>Credit requirement</td>
<td>12 credits (4 courses of 3 credits each)</td>
<td>33 credits plus an internship in summer</td>
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</tr>
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<td>722,000 Baht</td>
<td>1,292,000 Baht</td>
</tr>
</tbody>
</table>

Note: Our Professional Master Degree and Post-Graduate Certificate Programs do not have scholarships.

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**INTERNSHIP**

Internships are a must for our Professional Master’s Students. We also encourage all our students to do internships so that they can have exposure to disaster-related issues in the practical level.

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**COURSEWORK**

- Floods and Droughts
- Geohazard engineering
- Mitigation of Earthquake Disasters
- Tsunami Science and Preparedness
- Energy Technologies for Disaster Warning and Management
- Climate Prediction and Early Warning Systems
- Remote Sensing and GIS for Disaster Risk Management
- Geospatial Technology for Disaster Risk Mapping
- Human Conflicts and Humanitarian Emergency Management
- Health and Ecological Risk Management
- Coastal Resiliency and Natural Disaster Preparedness
- EIA Framework for Disaster Management
- Planning and Implementation of Disaster Emergency Management
- Community Based Disaster Risk Management
- Disaster Management in Urban Environmental Planning
- Managing Disasters
- Disaster Management and Humanitarian Assistance