



**Asia-Pacific Integrated Modelling (AIM), International Training Workshop  
Organised by Maulana Azad National Institute of Technology (MANIT),  
Bhopal  
in association with  
National Institute for Environmental Studies, Tsukuba (NIES), Japan**



**INTRODUCTION:**

It is predicted that global climate change will have significant impacts on the society and economy. In order to respond to such serious and long-term threats, it is essential to use evaluation tools to work out the optimal policy responses. Computer simulation model is one such tool that helps in analyzing policy responses under different future scenarios.

The Asia-Pacific Integrated Model (AIM) is a large-scale computer simulation model developed by the National Institute for Environmental Studies in collaboration with Kyoto University, Mizuho Information & Research Institute and several research institutes in the Asia-Pacific region. Although AIM has been developed primarily to help respond to climate change problems, it can be extended to other closely related environmental problems such as air pollution, waste management, and water resources problems. More than twenty different models have been developed under AIM that are classified into emission models, climate models and impact models from the viewpoint of climate policy assessment.

More information about AIM is available at -  
[http://www-iam.nies.go.jp/aim/about\\_us/index.html](http://www-iam.nies.go.jp/aim/about_us/index.html)

**OBJECTIVE:**

The primary objective of this training workshop is to introduce Asia-Pacific Integrated Modelling to the participants with a focus on emission models. Participants will get hands on experience on AIM/ End use which is a bottom up technology optimization model. By attending this workshop the participants will learn the following:

- i. Understanding Climate Change and analyzing actions that will help in achieving Low Carbon Sustainable Future
- ii. Introduction to modelling tools to assess future scenarios in each participant's local situation (country/ city)
- iii. How to handle appropriate data and to operate the AIM/ End use model as a tool for quantitative analysis of future scenarios.

**WHO CAN PARTICIPATE:**

The program is designed for researchers/ faculty members working in the field of energy and environment. The participants are expected to have proficiency in Microsoft Excel and basic knowledge of Linear Programming.

**HOW TO APPLY:**

Interested participants are required to send completed 'Registration Form' with demand draft of Rs. 2000.00 (Rs. Two Thousand Only) **in favour of 'Director MANIT, Bhopal'** to Dr. Nakul Dhagat, Department of Architecture and Planning, MANIT, Bhopal, (M.P.), India 462003. The form along with draft should reach on or before 16<sup>th</sup> Nov. 2018. Please send soft copy of the form with scanned copy of demand draft to [nakuldhat@gmail.com](mailto:nakuldhat@gmail.com) on or before 14<sup>th</sup> Nov. 2018. If needed copy of the form can also be requested through email. Selected candidates will be intimated by email on 19<sup>th</sup> Nov. 2018

**IMPORTANT TERMS AND CONDITIONS:**

There is no participation fee to attend the training programme. As the seats are limited to 15 (fifteen only) a registration fee deposit is being asked to avoid non-serious applications.

Selection will be made on the basis of 'Statement of Purpose' and relevance of the training to the participant.

If an applicant is not selected for the training, demand draft of Rs. 2000.00 shall be returned.

Selected candidates will have to report well in time before starting of the training programme at 9:00 am on 3<sup>rd</sup> December 2018.

If a selected candidate does not report for training, registration deposit shall be forfeited.

On successful completion of the training the demand draft of Rs. 2000.00 shall be returned to the candidate.

**PROGRAMME SCHEDULE:**

Date: 3<sup>rd</sup> to 7<sup>th</sup> December, 2018

Venue: Department of Architecture and Planning, Maulana Azad National Institute of Technology, Bhopal: 462003 (India)

**Trainers:**

**Dr. Tatsuya Hanaoka**, National Institute for Environmental Studies, Tsukuba, Japan

**Dr. Manmohan Kapshe**, Maulana Azad National Institute of Technology, Bhopal, India

**Dr. Aashish Deshpande**, National Institute of Technical Teachers' Training and Research, Bhopal, India

**Dr. Vineet Tiwari**, Indian Institute of Information Technology, Allahabad, India.

**PATRON:** Dr. N. S. Raghuwanshi, Director, Maulana Azad National Institute of Technology, Bhopal

**ADVISOR:** Dr. Yogesh. K. Garg, HoD, Department of Architecture and Planning, MANIT, Bhopal

**CONVENORS:**

**Dr. Nakul Dhagat**

**Dr. Charumitra Kapshe**

**Dr. Navneet Munoth**

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