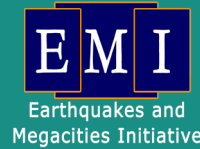


# Financial Strategies for Managing the Economic Impacts of Natural Disasters



Course No. 6 of 8 in the NDRM online training package



The FINSTRAT or Financial Strategies for Managing the Economic Impacts of Natural Disasters is a specialized distance learning course that focuses on the financial, economic and development impacts of disasters, and trade-offs (costs and benefits) involved in disaster risk financing. It provides policy makers and disaster managers with tools and institutional designs for improved planning and budgeting processes, as well as national macroeconomic projections.

Since 2006, the NDRM program has graduated more than 500 participants across 40 countries.

## COURSE OBJECTIVES

The course aims to improve the participants' understanding of:

- Main concepts of pro-active financial disaster risk management;
- Nature of economic losses and the ways disasters affect economic growth and ultimately economic development;
- Different coping mechanisms such as family, community and government assistance, and possible forms of insurance and risk transfer;
- When and how governments should insure critical infrastructure and other public assets;
- Methodologies that are available to explore what type of risk transfer instrument can be used to secure public assets;
- Selected national public-private insurance systems and other pre-disaster arrangements for providing post-disaster assistance to households and businesses.

## TARGET AUDIENCE

The course is open to, policymakers, government officials, disaster risk management professionals, development practitioners, consultants, researchers and specialists of training and academic institutions, and NGO representatives, who are interested in acquiring knowledge on risk financing and disaster risk management (DRM) and their linkages to sustainable development challenges.

## COURSE CONTENTS

### **The Economic Impacts of Natural Disasters on Developing Countries**

This session examines the economic losses from natural disasters to households, businesses, and public infrastructure. It provides an overview of the human and economic losses at the global scale and presents the uneven distribution of these losses in developing and developed countries. The session reviews the typical pattern of disaster risk as it relates to economic development. It also examines the question of how disaster losses are financed in different national political contexts. Finally, important implications for the management of disaster risks for households, businesses and the public sector are discussed.

### **Financing Mechanisms for Pro-active Disaster Risk Management for the Public Sector**

This session presents tools for developing and evaluating national strategies to ensure that governments have sufficient resources for financing disaster relief and recovery. It examines options available for national governments to finance losses to critical public infrastructure, including traditional measures, such as post-disaster borrowing, and new tools, such as insurance or contingent credit. Using specific country examples the session demonstrates how models can be useful for estimating the financial gap.

### **The Government's Role in Financing Disaster Risks to Households and Businesses**

This session reviews ex-ante and ex-post risk-financing arrangements in developed and developing countries. It presents policy options for combining public responsibility with that of private individuals, and will give additional policy options for countries that do not have an affordable insurance infrastructure.

**"I found its courses very useful to my profession as a geo-scientist and educator. I am glad I enrolled in it - I would not hesitate recommending it to others. Its approach is multi-disciplinary and multi sectoral so anybody can be at home with all its lessons."**

**Dr. Marietta De Leon**  
Geo-Scientist, Educator

## COURSE POLICIES

### Language

All teaching and reference materials are in English. Participants must be fully conversant in English.

### Course Fee

US \$250.00

Discounts are available through group enrollment to encourage institutional learning.

### Registration

Online registration only. Kindly visit this link and fill in the application at [www.emi-megacities.org/ndrmp-form](http://www.emi-megacities.org/ndrmp-form).

### Course Schedule

July 15-August 14, 2013

### Deadline of Application

July 12, 2013

Additional instructions on registration and payment procedures will be sent via e-mail, so please check your e-mail regularly. Your payment should be received no later than **July 12, 2013**.

## CONTACT DETAILS

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## COURSE FACULTY

### **Dr. Fouad Bendimerad**

*Program Director*

Dr. Eng. Bendimerad is the Chairman of the Board of EMI. He has served as consultant and advisor on risk management to several international organizations, governments and corporations, including the World Bank, and United Nations organizations. He also served as Principal Scientist to RMS, a California corporation and leader in the development of risk assessment models for the global insurance industry. Further, he served as a faculty of the School of Engineering at Stanford University and directed the University's seismic reduction program, which received the ATC-ENR (Applied Technology Council and Engineering News Record) award of one of the ten top seismic projects in the country.

### **Dr. Berna Burcak Basbug Erkan**

*Subject Matter Expert*

Dr. Basbug-Erkan is the Director of the Middle East Technical University, Disaster Management Implementation and Research Center in Turkey. She is also an Assistant Professor at the Department of Statistics in the same university. Her technical expertise focuses on the areas of disaster risk management and economics of natural disasters. She obtained her Masters degree in Statistics from University of Warwick in United Kingdom and her Doctorate from the London School of Economics and Political Sciences.

### **Mr. Jesus Dominic Dizon**

*Facilitator*

Mr. Dizon is currently the Training Specialist for EMI's trainings and e-learning programs. He holds a post graduate degree in Industrial Relations from the University of the Philippines. He was involved in various EMI projects, such as the Kathmandu Risk Sensitive Land Use Planning, DRR in Greater Mumbai, UNWFP Capacity Needs Assessment and the Pasig City Resilience to Earthquake and Flooding Project, in providing technical and administrative support in the conduct of trainings and workshops.

He is a product of GFDRR's web-based courses and has served as Facilitator for the online course.

**Enroll Now!**

[www.emi-megacities.org/ndrmp-form](http://www.emi-megacities.org/ndrmp-form)

Click here for the [Training Course Schedule 2013](#)

