

PRE CONFERENCE WORKSHOP ON

ENVIRONMENTAL -HEALTH DISASTERS – Risk Analysis & Planning

September 24-25, 2014

BACKGROUND

Disasters, whether natural or technological, pose risks to public health. The key environmental health issues and challenges include food safety, water quality, wastewater disposal, shelter assessment/sanitation, vector control/pest management, responder safety, building assessment and management of municipal solid waste and hazardous waste materials. Good environmental health disaster management has a significant role in addressing the impact of disasters on environmental health infrastructure and consequently the public. This includes protecting and mitigating risks to systems required for general health and wellbeing, such as water supply, food safety, sewerage, waste management and storm water.

The preparedness and response actions to the environmental health aspects of disasters are crucial in influencing human suffering, loss of life and ill-health associated with any disaster. For example, over two years after the 2004 Indian Ocean tsunami caused massive devastation, people were living in temporary shelters and reconstruction projects were struggling to ensure that new housing had clean water supplies and good sanitation. During the year 2006 diarrhea was prevalent and there were a large number of vector-borne disease cases (dengue and malaria) in Indonesia's capital Aceh. Similar incidences of epidemic outbreaks were reported in the aftermath of Haiti Earthquake in 2010.

During disasters the potential of exposure to the population in densely populated areas

particularly in countries like India is high for poisonous or hazardous substances, radiation and biological agents like pathogens. It is important to assess these health risks and incorporate it as a part of the disaster management planning process.

Keeping this in view, National Institute of Disaster Management and Department of Community Medicine, Maulana Azad Medical College are jointly organizing a 2 days Workshop on “*Environmental -Health Disasters - Risk Analysis & Planning*“ during 24-25, Sept 2014 at the campus of NIDM, New Delhi.

This workshop precedes the Second International Conference on Occupational and Environmental Health to be held at NDMC Convention Center, Parliament Street, New Delhi during 26-27 September 2014. For details visit <http://www.conferenceoeh.com/2014/venue.asp>



AIM

Aim of the programme is to update the knowledge of the participants on various environmental health issues associated with disasters and how to plan and prepare for tackling the issues effectively.

OBJECTIVES

Key objectives are

- To provide an overview of the Disaster and Health linkages and how disaster risk

management is interlinked with Environmental Health Issues.

- To demonstrate the relevance of environmental health infrastructure and practices and its linkages with disaster risk management.
- To introduce the concepts of Environmental Health Risk Assessment and mitigation strategies in the pre, during and post disaster phases
- To provide an introduction to the Environmental Health Concerns of Disaster Responders and precautions

METHODOLOGY

Lectures, Power Point Presentations, discussions and guided group exercises.

TARGET GROUP

The main target group for this programme are

- Officials / Students / Doctors associated with environmental and occupational health, planning and disaster risk management.
- Health sector professionals and disaster managers who plan to broaden their understanding of the role environmental health during the preparedness and response phases of disaster management.
- National, state and local level disaster management professional including private sector and NGOs.

CONTENTS

Technical Session 1: Disaster Management & Environmental Health

Disaster Management Concepts, institutional, legal and policy framework, guidelines and programs on the role of environmental

health during different phases of DRR, Environmental Health Risks associated with disasters (tools techniques and methods), disaster preparedness, response, recovery, and mitigation resources for environmental health, Outline the structures and parameters in which environmental health may function during a disaster, environmental health disaster preparedness and response systems.

Technical Session 2. Environmental Health and Key Issues (Sectors of Intervention)

Drinking Water, Food Safety, Waste Management (Water), Solid Waste and Hazardous Material, Vector Control, Shelter and critical infrastructure.

Technical Session 3. Responder Safety

Common hazards that may be encountered during a response, how disaster related hazards can affect your health, Health and safety precautions that should be taken during a response. (Different Tiers i.e. community, health practitioners and response agencies).

DATE AND VENUE

The training workshop will be organized during September 24-25, 2014 at National Institute of Disaster Management, 5B, IIPA Campus, I.P. Estate, New Delhi

REGISTRATION

Registration fee is Rs. 1000 for students and Rs. 2000 for Professionals. Please contact Dr. Ashish Mittal (info@ohs-mcs.org) regarding registration. www.conferenceoh.com/2014/login.asp.

EVALUATION OF THE PROGRAMME

The final session of the programme will be devoted to evaluation and valediction. The participants will be supplied with an evaluation form, which may be completed and handed over to the Programme staff.

CERTIFICATE

A Certificate will be awarded to each participant on the successful completion of the training programme. Attendance sheets will be circulated on daily basis and is mandatory to attend all the sessions.

How to Reach NIDM

NIDM is located within the campus of Indian Institute of Public Administration (IIPA) on Mahatma Gandhi Road (Ring Road), opposite Indraprastha Indoor Stadium. Nearest Metro Stations are Indraprastha and Pragati Maidan.



ORGANISING TEAM

NIDM

Dr. Anil K. Gupta, Head Policy Planning Division,
Mob- 09868207006

email: envirosafe2007@gmail.com

Sreeja S. Nair, Assistant Professor.

email: sreeja.nidm@nic.in

Dr. Saurabh Dalal, Consultant,
Disaster Health Care,
email: drsaurabhdalal@gmail.com

MAMC

Dr. Jugal Kishore, Professor
email: drjugalkishore@gmail.com

OHSMCS

Dr. Ashish Mittal, CEO, Occupational Health and Safety Management Consultancy Services.

Email: info@ohs-mcs.org



सत्यमेव जयते

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ENVIRONMENTAL HEALTH DISASTERS – RISK ANALYSIS & PLANNING

Venue: National Institute of Disaster Management, New Delhi

Date: 24-25 September, 2014



Organized by



National Institute of Disaster Management
Ministry of Home Affairs,
5B, IIPA Campus, I.P. Estate,
New Delhi - 110 002
www.nidm.gov.in



Maulana Azad Medical College
Bahadur Shah Zafar Marg
New Delhi-110002
www.mamc.ac.in/