

All severe trauma patients should be transported to the identified hospital in Shanghai. Every central hospital in Shanghai is setting up a Resuscitative Department to care for large numbers of critically wounded casualties. The function of Resuscitative Department is to sort out all of the critically wounded, resuscitate them, and render supportive treatment. Their functions include: 1) Cardiopulmonary resuscitation; 2) Immediate treatment of life-threatening respiratory failure, organ injuries, and the loss of blood; and 3) Initial management of fractures and injuries.

Keywords: accidents; ambulances; bicycles; cardiopulmonary resuscitation (CPR); China; deaths; equipment; hospitals; pre-hospital; resuscitation; Shanghai; traffic; trauma

Vulnerability and Disaster Management in India

Dr. Alok Gupta

National Centre for Disaster Management, New Delhi, INDIA

The Indian subcontinent has a highly diversified range of natural features. Its unique geo-climatic conditions make this region among the most vulnerable to natural disasters in the world. Disasters occur with amazing frequency and while the community at large has adapted itself to these regular occurrences, the economic and social costs continue to mount year after year. It is highly vulnerable to drought, floods, cyclones, earthquakes, landslides, volcanoes, etc. Almost all parts of India experience one or more of these events. This paper highlights the various disasters that are prevalent in India and their management.

With an increase in the perception towards spreading a culture of prevention in the disaster management scenario, considerable emphasis is being placed on research and development activities. In India, a number of Research Institutes are conducting active research in the field of disaster management. Valuable inputs in technical, social, economic as well as management areas of the field are being investigated. Research activities are being coordinated by different ministries depending on the type and level of research. An important role is played by the universities.

The National Centre for Disaster Management (NCDM) is the nodal agency for research, training, consultancy, and advocacy in the field of natural disasters in India. The NCDM has identified broad areas of research such as disaster preparedness, disaster mitigation, cost-benefit analysis of preparedness plans, environmental impact of floods, droughts, earthquakes, cyclones, and other disasters, and the behavioral aspects of disasters on the affected people. It is networking with various Central Government Ministries and concerned departments involved in disaster management as well as with various autonomous institutions. These activities are described in detail during this presentation.

Keywords: agencies; contingency; coordination; disasters; economics; India; mitigation; prevention; research; vulnerability

E-mail: alokncdm@usa.net