Disaster Management

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Introduction

temper, it can bring about devastation which is known as disaster. soothing, sometimes it is ferocious. Whenever it turns to be in its bad has several manifestations - benign as well as hostile. Sometimes, it is God has created everything including land, water, air etc. Nature

to cope with its own resources. environmental losses that exceed the ability of the affected population and society as a fall-out of widespread human, material, or A disaster is a serious disruption in the functioning of a community

which is immune from disasters which can be classified as-India is a disaster prone country. In fact, there is no country

Types of Disasters

There are two majorly two types of disasters:

- Natural disasters
- Man-made disasters

man lives. 对如如本es and volcano eruptions that have immediate impacts on thich are beyond the control of humans including floods, hurricanes, Natural disasters are the disasters caused due to natural reasons

War. adown of authority, looting and attacks, including conflict situations nthe disasters caused due to major accidents like fires, the Man-made disasters also known as the complex emergencies

impordinated efforts. A number of activities need to be undertaken impact of the disasters. Disaster management calls for collective Disaster management is a continuous phenomenon of mitigating



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the least, maintenance of law and order is equally important. and hygiene identification and earmarking of resources, last but not water and food material, setting up of temporary shelters, sanitation teams, medicals and Para-medical teams, arrangements for drinking communication and surface transport, deployment of search and rescue control, rapid assessment of damage, restoration of power, telein the event of disaster. These include co-ordination, command and

miseries as soon as possible. emergency. Quick and timely response is the essence in providing immediate relief and rescue operations, to save human lives and mitigate Hence it is necessary to mobilize them towards preparedness for any The most vulnerable sections in these disasters are the poor

to take steps in a single direction. to the presence of so many authorities it is not feasible for all of them sensing centre (nrsc), central water commission (cwc) etc. And due i.e. National disaster management authority (ndma), national remote India has set up many departments and organizations for the same

as a disaster. Natural disasters are the manifestation of nature and they can take place anywhere anytime. are required to save and preserve lives or environment can be termed ecosystem gets disturbed and extraordinary emergency interventions A catastrophic situation in which normal pattern of life and or

Classification of disasters

The disasters can be classified as-

blizzards, tsunamis, and cyclones are all natural disasters. earthquakes, landslides, volcanic eruptions, hurricanes, floods, disruption, or environmental damage. Various disasters like property damage, loss of livelihoods and services, social and economic phenomenon that may cause loss of life, injury or other health impacts, Natural disasters: A natural hazard is a natural process or

consequence of technological hazards. Examples include fires, transport Human instigated: Human-instigated disasters are the

accidents, oil spills and nuclear explosions/radiation. War and terrorist attacks may also be put in this category.

Disasters in India:, There is no country which is completely free from disasters and so is India. India, due to its geographical locations & geological formations, is a highly disaster prone country.

India has faced a number of disasters, ranging from flood, earthquakes, cyclones, tsunami, drought, landslides. A few recent disasters faced by India include floods in Uttarakhand, cyclone "vardah" in Chennai, recurring earthquakes in northern India, chama earthquake in Gujarat, super cyclone in Orissa in 1999, bhuj earthquake in Gujarat in 2001, tsunami in 2004 and Mumbai-Gujarat flood in 2005. Besides, India has had to suffer technology-related tragedy in the form of gas tragedy in Bhopal in 1984. India also faced the problem of plague in Gujarat.

About disaster

Land, water, air etc are some of the beautiful creations of the almighty. Nature has several manifestations - smooth as well as hostile. Sometimes, it is soothing while sometimes it is ferocious. Whenever it turns to be in its bad temper, it can bring about devastation or destruction which is known as a "disaster".

Literal interpretation

Literally, disaster refers to the mishap, calamity or the grave occurrence from either the natural or man-made reasons which can't be stopped or tackled immediately by the affected community.

India, being very much prone to disasters due to its geographical location, earthquakes, landslides, drought, cyclones, floods, forest fires, and fire accidents are some of the major calamities that keep occurring, inflicting colossal damage. Rapid growth in the population rate and urbanization has mostly triggered the level of the disasters.

Types of Disasters

The disasters can be broadly classified into two major categories:

Natural disasters



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Man made / human instigated disasters

Natural disaster is a natural process that may cause loss of lives, injuries or other health impacts, property damages, loss livelihoods and services, social and economic disruptions or man environmental damage. Various disasters like earthquakes, landsk volcanic eruptions, hurricanes, floods, blizzards, tsunamis, and cyclo are covered under the scope of the term natural disaster. Hur instigated disaster is also known as the complex emergency and is disaster caused due to major happenings such as fires, oil sp breakdown of authority, looting, wars etc.

National level national Disaster is an extreme disruption in functioning of habitat that widespread human material or environmed losses that exceed the affected population to cope with its or resources. Landslides earthquakes, Tsunami, cyclones, droug, volcano example of disasters. It mis hap calamity all the graoccurrence the natural or man made reasons which can't be stopp or tackled immediately by the affected community. It var geographically based on climate and type of earth surfaces and degraphical state of affected area.

- It completely disrupts the normal day to day life.
- 2. Negative influence to emergency systems.
- 3 normal daily needs like food cloth shelter health and deteriora defending on the industry and severity of the disasters

It can be called as a series disruption of the functioning of socie causing white spread human material or environmental loses whice exceed the ability of the effected society to cope using its own resour.

Disaster may have the following main features

- Unpredictability
- Unfamiliarity
- Speed

Uncertainty

Disasters in India over a decade-at a glance

India has faced some of the most destructive disasters in past decade which can be named as under:

Name of the event		Year	Area
Cyclone "vardah"		2016	Chennai
Floods	2014		Jæk
Cyclone "hud hud"	" 2014		Andhra Pradesh
Odessa floods	2013		Odessa
Cyclone phailin	2013		Odessa & Andhra Pradesh
Floods & landslides	s 2013	all and a second	Uttarakhand & HP
Cyclone mahasen	2013		Tumil Nadu
Cyclone nilam	2012	3.	Tamil Nadu
Uttarakhand Hoods	2012		Uttarkashi, Uttarakhand &
The same and the s	And the second s	Ba	Baageshwar
ssam floods	2012	Assam	(U)
yelone thane	2011	Thm	Tamil Nadu
kkim carthquake	2011	Sikk	Sikkim, West Bengal & Bihar
oudburst	2010	Lch	Leh & Ladakh
ought	2009	Mon	More than 10 states
ds	2008	North	North Bihar
harashtra floods	2005	Maha	Maharashtra
munu.	2004	Tunil	Tumil Nadu, Andhra
		Prades	Pradesh, Pondicherry, Andaman
		& Nice	& Nicobar islands

lects of disasters in India

The impact of natural as well as human instigated disasters is asaldeath, destruction, injuries, huge loss of the lives of humans livestock.

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The Impact of Human Activities on Natural Disaster

Since a long for now, it has been noticed that modernization is leading to grave ignorance towards the environment. Environmental bylaws are being neglected by industries. Due to over-exploitation of nature, we humans have created such a situation where events.

Disaster Management

Disaster management is the management of resources and responsibilities in order to lessen the impact of disasters. Disaster management is the management of resources and responsibilities in order to lessen the impact of disasters

Disaster management in India refers to conservation of lives and property during a natural or man-made disaster. Disaster management plans are multi-layered and are planned to address issues such as floods, hurricanes, fires, mass failure of utilities and the rapid spread of disease. India is especially vulnerable to natural disasters because of its unique geo-climatic conditions, having recurrent floods, droughts, cyclones,

The direct or indirect impact of the disasters has always been deadly, destructive and damaging. They cause loss of life to the humans as well as livestock.

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In India, a lot of forums, funds and organizations are functioning to mitigate the effects of the disasters like national disaster management authority (NDMA), national remote sensing centre (NRSC), Indian council of medical research (ICMR), central water commission (CWC) etc. A separate fund called as "national disaster management fund" (NDMF) is also there for exclusive mitigation.

Sometimes, due to lack of co-ordination between the central and state government as well as the absence of correct resources; the concerned forums, organizations are unable to provide the apt rehabilitation. God has created everything including land, water, air etc. Nature has several manifestations - benign as well as hostile.

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Sometimes, it is soothing, sometimes it is ferocious. Whenever it turns to be in its bad temper, it can bring about devastation which is known

breakdown of authority, looting, wars etc. disaster caused due to major happenings such as fires, oil spill, are covered under the scope of the term natural disaster. Human instigated disaster is also known as the complex emergency and is the volcanic eruptions, hurricanes, floods, blizzards, tsunamis, and cyclones environmental damage. Various disasters like earthquakes, landslides, livelihoods and services, social and economic disruptions or massive lives, injuries or other health impacts, property damages, loss of Natural disaster is a natural process that may cause loss of huge

by disaster and they are India's predominant population. place in India's policy framework, as poor people are most affected on relief and rehabilitation. Disaster management occupies an important investments in mitigation are much more cost effective than expenditure development. The new policy also emanates from the belief that mitigation must be multi-disciplinary, spanning across all sectors of development process. Another cornerstone of the approach is that that development cannot be sustained unless mitigation is built into the drought during summer. The new approach started from the conviction mostly affected by cyclones and states of West India experience severe example, during rainy season the peninsular regions of South India is different regions are vulnerable to different natural disasters. For cyclones, earthquakes and landslides. Due to the vastness of the country of its unique geo-climatic conditions, having recurrent floods, droughts, of disease. India is especially vulnerable to natural disasters because property during a natural or man-made disaster. Disaster management floods, hurricanes, fires, mass failure of utilities and the rapid spreac plans are multı-layered and are planned to address issues such as Disaster management in India refers to conservation of lives and

approach, has been outlined above. The approach has been translated The steps being taken by the Government emanate from the

stakeholders. underpinning the action being taken by all the participating organisation broad guideline. There is, therefore, now a common strate, develop their respective roadmaps taking the national roadmap at Governments/Union Territory Administrations have been advised Ministries and Departments of the Government of India and the S_{t} with all the State Governments and Union Territory Administratio. identified and listed in the roadmap. This roadmap has been shal to be involved at the National, State and district levels have be development. The expected inputs, areas of intervention and agenc disaster mitigation, preparedness and response and human resou mechanisms, disaster prevention strategy, early warning syster into a National Disaster Framework (a roadmap) covering institution Nai Talim: An Experiential and Skill Based Learn

The Disaster Management Act, 2005

up the country Plans" "down guidelines to be followed by the State Authorities in drawing to disaster". Under section 6 of the Act it is responsible for laying disaster management" and to ensure very timely and effective response is responsible for "laying down the policies, plans and guidelines for 2005 by an executive order, was constituted under Section-3(1) of the Disaster Management Act, on 27 September 2005. The NDMA is 5 years. The NDMA which was initially established on 30 May including a Vice-Chairperson. The tenure of the members of the NDMA chairperson. The NDMA has no more than nine members at a time Management Authority (NDMA), with the Prime Minister of India a 2006. The Act calls for the establishment of a National Disaste on 28 November 2005, and by the Rajya Sabha on 12 Decembe 2005. It received the assent of the President of India on 9 Januar The Disaster Management Act was passed by the Lok Sabl

cyclones, earthquakes and landslides have been a recurrent phenomena account of its unique geo-climatic conditions. Floods, droughts, India has been traditionally vulnerable to natural disasters on

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cyclones, earthquakes and landslides have been a recurrent phenomena. intensities; over 40 million hectares is prone to floods; about 8% of About 60% of the landmass is prone to earthquakes of various account of its unique geo-climatic conditions. Floods, droughts, the total area is prone to cyclones and 68% of the area is susceptible todrought. Inthedecade 1990-2000, an average of about 4344 people has been astronomical. every year. The loss in terms of private, community and public assets lost their lives and about 30 million people were affected by disasters

In fact, the human toll and economic losses have mounted. It was in made, the loss of lives and property due to disasters has not decreased. natural disasters. Even as substantial scientific and material progress is Disaster Reduction with the objectiveto reducelossof lives and declared the decade 1990-2000 as the International Decade for Natural propertyand restrict socio-economic damagethrough concerted this background that the United Nations General Assembly, in 1989, international action, specially in developing countries. At the global level, there has been considerable concern over

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amulti dimensional endeavour involving diversescientific, engineering, earthquake in Gujarat in January, 2001 underscored the need to adopt financial and social processes; the need to adopt multidisciplinary and developmental plans and strategies. multi sectoralapproach and incorporationof risk reduction in the The super cyclone in OrissainOctober, 1999 and theBhuj

development cannot be sustainable unless disaster mitigation is built management. The new approach 4 proceeds from the conviction that brought about a paradigm shift in the approach to disaster is that mitigation has to be multi-disciplinary spanning across all sectors into the development process. Another corner stone of the approach of development. The new policy also emanates from the belief that on relief and rehabilitation. avestments in mitigation are much more cost effective than expenditure Over the past couple of years, the Government of India have

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policy framework as it is the poor and the under-privileged who are and lead to diversion of scarce resources from development to socio-economic development, further impoverish the impoverished worst affected on account of calamities/disasters. Disasters retard rehabilitation and reconstruction. Disaster management occupies an important place in this country's

ALCOHOL: NA approach outlined above. The approach has been translated into a National Disaster Framework [a roadmap] covering institutional mechanisms, disaster prevention strategy, early warning system, development. The expected inputs, areas of intervention and agencies disaster mitigation, preparedness and response and human resource to be involved at the National, State and district levels have been identified and listed in the roadmap. This roadmap has been shared with all the State Governments and Union Territory Administrations. Ministries and Departments of Government of India, and the State Governments/UT Administrations have been advised to develop their respective roadmaps taking the national roadmap as a broad guideline. being taken by all the participating organizations/stakeholders. c) Legal There is, therefore, now a common strategy underpinning the action and techno-legal framework The steps being taken by the Government emanate from the

- (d) Mainstreaming Mitigation into Development process.
- (e) Funding mechanism
- (f) Specific schemes addressing mitigation.
- (g) Preparedness measures
- (h) Capacity building.
- (i) Human Resource Development.

the following chapters. and, above all, community participation. These are detailed in

Document Type

- Case study
- Report





India - Donor country

- Crisis response
- (a) Institutional changes

Disaster Management Plan

of 2005.[1] plan nationally since the enactment of the Disaster Management Act prevention, mitigation and management of disasters. This is the first provide a frame work and direction to government agencies for launched the Disaster Management Plan of India, which seeks to On 1 June 2016, Narendra Modi, the Prime Minister of India,

and cultural state of affected area. of vulnerability. This influences the mental social economical political geographically based on climate and type of earth surfaces and degree or tackled immediately by the affected community. It varies occurrence the natural or man made reasons which can't be stopped , volcano example of disasters. It mis hap calamity all the grave resources. Landslides earthquakes, Tsunami, cyclones, droughts losses that exceed the affected population to cope with its own functioning of habitat that widespread human material or environmental National level national Disaster is an extreme disruption in the

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exceed the ability of the effected society to cope using its own causing white spread human material or environmental loses which It can be called as a series disruption of the functioning of society

Disaster may have the following main features

Unpredictability

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- Unfamiliarity
- Speed
- Urgency
- Uncertainty
- Threat

destruction and devastation to life and property that the life and property the life and proper how disasters are to be manage and different levels are as in coordination with various Government and non government role at time of disaster disasters can be manage through national service scheme Nehru Yuva Kendra sangathan toplen role in preparing the society Home guard civil defence was destruction destru It is a sudden calamity event bring great damage to

Managing Disasters

with various Government and non government agency. The fi flowchart will be showing about the management of disastensi levels in our country Disasters can be managed effectively through clothes conti

based keeping in view the fowling factors: National level:- The response from the central gover

- 1. The gravity of the disaster.
- 2. The scale of the relief operations.
- of state government. augumenting financial resources and logistics support at the 3. The requirements of the central assistance it

accept draught which is taken care by ministry of agricultu coordinating disaster management activities for all natu the responsibility of providing emergency support in cas department of agriculture and corporation. Other ministries that fall within their preview. The ministry of home affairs is the nodel ministry at the

government into support and terms of physical and financial resources essentially that of the state comment government the role of the central which is in overall charge of the relief operation at the state and the relief permission always in charge of the really bad rehabilitation the chief minister of secretary of the state red estate devil the meeting contingency plano cortez state police code and state contingency plan department of revenue is also in charge of pradeep operations Riley which guides them to manage disaster chunri o scenarios measures in the week of natural disasters in any of the state secretary State:-the responsibility to cope up with natural disasters

of disaster, but can mitigate its impact to a large extent. well-equipped with latest technologies. It cannot avert the outbreak times. To handle any unforeseen situation efficiently, we need to be Disaster management has assumed great importance in recent

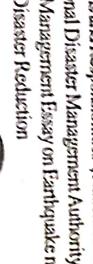
plants and animals situation, but can mitigate its impact to lessen sufferings of humans with latest technologies. Disaster management cannot avert the To handle the situation efficiently, we need to be well-equipped

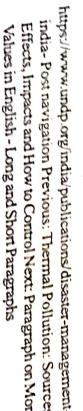
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Document Type

- Case study
- Report

Regions And Countries

India - Donor country

Topics

Crisis response

