UPSC with Saurabh Kaushik

www.saurabhkaushik.in | 9953844874

GS-III: DISASTER MANAGEMENT

Previous Year Questions

UPSC Mains 2013 – 2024

Compiled & Curated by:

Saurabh Kaushik

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Disaster Management

01. Disaster and Disaster Management

Sub-Theme	UPSC PYQs	Year	Marks
Cloudbursts, Urban Floods, Drought & Hydro-Met Disasters	Explain the mechanism and occurrence of cloudburst in the context of the Indian subcontinent. Discuss two recent examples.	2022	**10**
	With reference to National Disaster Management Authority (NDMA) guidelines, discuss the measures to be adopted to mitigate the impact of the recent incidents of cloudbursts in many places of Uttarakhand.	2016	**12.5**
	Flooding in urban areas is an emerging climate-induced disaster. Discuss the causes of this disaster. Mention the features of two such major floods in the last two decades in India. Describe the policies and frameworks in India that aim at tackling such floods.	2024	**15**
	The frequency of urban floods due to high intensity rainfall is increasing over the years. Discussing the reasons for urban floods. highlight the mechanisms for preparedness to reduce the risk during such events.	2016	**12.5**
	Drought has been recognised as a disaster in view of its party expense, temporal duration, slow onset and lasting effect on various vulnerable sections. With a focus on the September 2010 guidelines from the National disaster management authority, discuss the mechanism for preparedness to deal with the El Nino and La Nina fallouts in India.	2014	**12.5**
Earthquakes, Tsunamis & Structural Failures (Dam Disasters)	Discuss about the vulnerability of India to earthquake related hazards. Give examples including the salient features of major disasters caused by earthquakes in different parts of India during the last three decades.	2021	**10**
	The frequency of earthquakes appears to have increased in the Indian subcontinent. However, India's preparedness for mitigating their impact has significant gaps. Discuss various aspects.	2015	**12.5**
	On December 2004, tsumani brought havoc on 14 countries including India. Discuss the factors responsible for occurrence of Tsunami and its effects on life and economy. In the light of guidelines of NDMA (2010) describe the mechanisms for preparedness to reduce the risk during such events.	2017	**15**
	Dam failures are always catastrophic, especially on the downstream side, resulting in a colossal loss of life and property. Analyze the various causes of dam failures. Give two examples of large dam failures.	2023	**10**
Landslides & Disaster Preparedness: Hazard Zonation & NLRM	Disaster preparedness is the first step in any disaster management process. Explain how hazard zonation mapping will help in disaster mitigation in the case of landslides.	2019	**15**
	Describe the various causes and effects of landslides. Mention the important components of the National Landslide Risk Management Strategy.	2021	**15**

Disaster Risk Reduction, Sendai Framework & Vulnerability Assessment	Describe various measures taken in India for Disaster Risk Reduction (DRR) before and after signing 'Sendai Framework for DRR (2015-2030)'. How is this framework different from 'Hyogo Framework for Action, 2005?	2018	**15**
	What is disaster resilience? How is it determined? Describe various elements of a resilience framework. Also mention the global targets of the Sendai Framework for Disaster Risk Reduction (2015-2030).	2024	**15**
	Discuss the recent measures initiated in disaster management by the Government of India departing from the earlier reactive approach.	2020	**15**
	How important are vulnerability and risk assessment for pre-disaster management. As an administrator, what are key areas that you would focus in a disaster management	2013	**10**
	Vulnerability is an essential element for defining disaster impacts and its threat to people. How and in what ways can vulnerability to disasters be characterized? Discuss different types of vulnerability with reference to disasters.	2019	**10**

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