The Indian Ocean Rim Association (10RA) hors significant potential for regional prosperity but institutional challenges hinder its effectiveness. Judyze thex challenges & suggest how ludia can strengthen IDRA's institutional framework. (250 N, 15M). Ausuer Judian Ocean Rim Association (IORA) is an regional association of Indian ocean bordering States. It consist of 23 Number states from Africa, Asia and Australia. Potential of IORA 40 Free, fair & Open trade L@ Regional Connectivity 2.1 L. Tuprastureture Building. 2.2 - By Technology Transfer. 60 Political Stability

49 Strengthened ties via Hirduism 4.1 L. Cultural ties - Buddhism a. 4-2 - Historian ties 4 (5) Securing Ocean by strengthened Military 6 Collabosation against - smuggling, L. Terrorismo, are the potential significance of iORA which face setback as their enist no. of challenges also. Institutional Challenges. Political Unstability among region impact the tuade pattern hugely. er - Szilanta crisés frequent changing governments and differ in strategic causing over all effect on trade. 2) Increasing Influence of China with strategies like prusence of military. debt-trap policy, stering of pearls, just ber impact the trade and effectiveness of member countries. 9) Increase in activities like Terrorism, Smuggling. piracy and Human trafficking causing security threats to the region.

4) Lack of Funding sevences as IORA have both developed and developing nation fueller limiting - the association. · India is Vice-chaining the association and is all Set uph Chair by Nov 2025 which provide an oppositurity to strengthen the institution. India's Role f military 1) India with its largest deployment in region can ensure security & stability. 2) Judia can lucrage its diplomatic ties with countries making for investments. Ex Common. Also it can enhance connectify ensuring infraspucture capabilities (Poivale Investments). 4) India's project SAGAR (Security and Growth for all in region) provides for maintime cooperation, reace and stability. s) Jecilitating Climate Change preparedness, Disaster risk Management and Sustainable Townim etc. will further strengthering IORA. Despite polential and Challenges, IORA posses Significance as it is home to 2/3rd population & 50% daily consumption in route and 75% of overall eccounts for global trade. making

Due Encamine the lupact of Global warming on work mountain ranges with suitable illustrations. (250 WI 15 M) Mountains are elevated platform with steep sides covering large position of Earth around lecently released report of UNESCO on 1st 33 Million sq km. detrild Water day (Mar 21, 2025) reported accelerating impact of Global warming on Mountains highlighting irreversible changes to the Ecosystem. Impostance of Mountaines -0) Are civilizational cradle. - 6) Barrier against calamities. - c) Sowie of water resource. -d) Bio diversity hotspot. e) Agriculture and Sciffement A With huge organizance and potential for lives in Mountains. However Mountains are facing threats with change in climate further impacting higher elevation more resulting racious impact on resources. Impact of Global Warning 1) Melling of Glaciers further due to

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of fresh water resources enlargering lives and · Around 25-30%. of glacier melting has 2) Thawing of Permajnost / which triggers introduction of several virus lying under the soil with huge Carbon dionide (CO2) and Methane. Ex - Arctic Ocean is facing thenring of 3) Sea level Rive directly influencing millions of population living in coastal region. · World Meterology organisation (WMO) reported mean sea level rise 4.5 mm/year between ex- Indonesia capital shift from Intarta to <u>Nusantara</u>. 4) Enhanced Glacial late Outburst flood (GLOF) is sudden and catastrophic flood. ex - Sikkim GLOF in 2024. 5) Loss of Biodiversity as mountains are - The house to ecology importance which includes Wildlige Flora & Fauna both.

ex - Himalayan Hotspot losing more than 70% its species. () Sudden Clinate Change with couring live endangering activities like is frequent rainfall etc. Fr: Heaveest Rainfall in Dubac, L Trequest Snowfall in Sahara Desert de 1) Overflooding of Dams further impacting Overall segion as filled water evert pressure leading to <u>Earthquake</u>. ete. are the impact of Global warming which is mainly Anthropogenice in nature. Way Forward: @ Implementation of Paris Agreement (1) Sustainable practice adoption. @ Inclusion of Electric Vehicles. etc. Despite above impact, Mountains are fragile ecosystem repairing dedicative approach like National Mission for sustining Himalayon Everystein for effective conservation

The climate cruses is local but our data oue wasn't," discuss the uple of disaster Education in enhancing community resilience. How can localized knowledge and education help mitigate the impacts of climate-induced disarteus? (250 mis m) · Nzim Brenje Institute of Climate change and Sustainability has recently provided local data for every district", to mitigate and strategies Climate change as peu local sequirements, independent from Regional data as no two regions has same climate conditions. · [Role of Disaster Education]

Ly total level & Strategy fecilitating locals rempowerement by cautions at initial bull. Lives and households with easy access to data. 4 Increased Awareness among community about disaster presenting hazardone 4 Increased trained manpower and situatdons. technology by including disaster education in school based education, leitifued course de

4 Ease to community especially street Vendors, fishermans, noskers in mines etc. However disaster education provides for mitigation or preparedness et tent Climate Change taking place rapidly have large and irresersible impacts. Impact of Climate Change Denster Floods (Eastern const) - Glacier Nett (Himdeyon) > Cyclone on coart (WB, Andher production) · Strong winds * Heatwares (Northern plains) wildfires (Mairly of Uttarathers, Himschol + Desoughts (decean region) - Glacial lake outbroast flood (rikkim) etc. (Naymad, kerala) are the various disastert influenced by Climate change and demands specific approach for specific region. Mitigation of Impact 1 Local level data strongehens admini-- stration resulting data based strategy.

	Timely about notification regarding changes	
	elimate changes.	
Esulting	3 Increased Awareness among citizens proactively participation among communities.	
, ,	4 Engrovers with Administration to co-operate and collaborate with locals.	
	Regional initiative can be taken.	
	Water cold	
	(6) Community based solutions 1000	
	Cause of Matter Swap .	
	Easy classification of vulnerable areas adopting measures for mitigation.	
	Though Disaster induced by Climate Charge	
	provides huge potential is included in strategies with localized data providing resulting Sustainable development across regions.	
	Sustainable development across signors.	