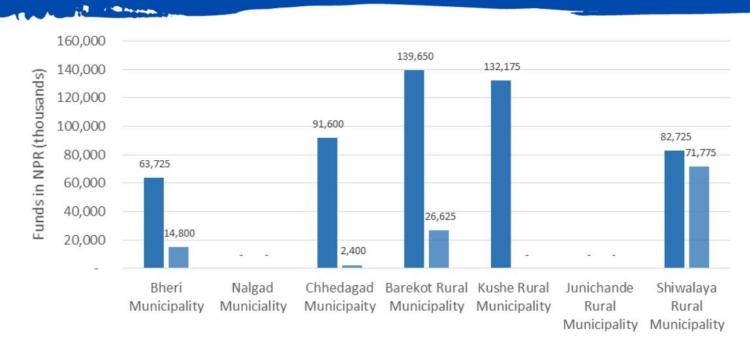
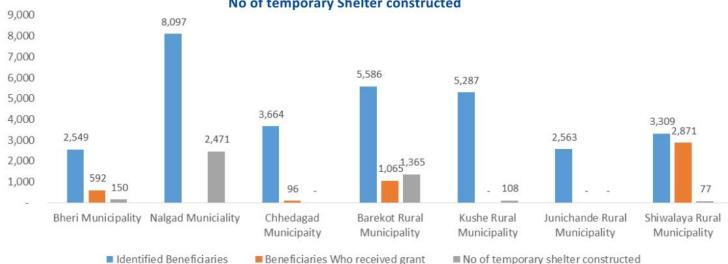
JAJARKOT EARTHQUAKE

Quad-Day Situation Analysis Report (17-20 December, 2023)

Editor: Dr. Raju Thapa, DPNet



Disbursed fund from DDMC Fund transferred to beneficiaries



No of temporary Shelter constructed

MARKET DYNAMICS IN POST JAJARKOT EARTHQUAKE AND IMPACTS ON CONSTRUCTION MATERIALS







Pre-quake rate Rs. 1000-1200 Post-quake rate

Rs. 1200-1500







CEMENT

OPC



Pre-quake rate

Post-quake rate

Rs. 750

Rs. 850



Pre-quake rate Rs. 11,000 Post-quake rate Rs. 10,000



Rs. 800-1,000 Post-quake rate (Rs.) Rs. 800-1,000

SUMMARY

This report provides a comprehensive overview of the aftermath of the Jajarkot earthquake and the subsequent response efforts. It details how the earthquake has affected various aspects of life, including market dynamics, education, housing, and relief efforts.

Rapid market survey revealed that while supply chains from major cities like Nepalgunj, Dhangadhi, and Surkhet remained intact. The price of CGI sheets decreased due to oversupply, and other materials like sand and aggregates maintained stable prices. Local businesses experienced varying impacts, with some seeing reduced sales due to relief distributions. There was a significant increase in the price of bamboo, used for constructing temporary shelters, due to heightened demand. The cost of labor has also risen by about 20%. The report highlights concerns about unequal relief distribution, particularly in remote areas like Barekot Rural Municipality. These regions, while suffering extensive damage, have received less attention compared to more accessible areas. The construction of temporary shelters is lagging, exacerbating the challenges faced by the local population. In a devastating road traffic accident in Aathbishkot Municipality, five people lost their lives and nine were injured when a tractor carrying materials CGI sheet for shelter construction overturned. This incident highlights the need for safer transportation methods in rural areas.

The government has allocated substantial funds for temporary shelter construction. Significant amounts have been distributed to different municipalities and rural municipalities, with various stages of progress in constructing temporary shelters and verifying beneficiaries. The earthquake damaged many school buildings, leading to the establishment of temporary learning centers. However, these centers face challenges, including inadequate facilities to protect students from cold weather. The report includes stories like that of Sete Pun, who, with the help of volunteers, built a temporary shelter using recovered materials and CGI sheets. This illustrates the resilience and community essence in the face of adversity.

In a nutshell, the report reflects on the complexities of post-disaster recovery, highlighting areas where progress has been made and where further attention is needed. It calls attention to the importance of equitable relief distribution, safe transportation in rural areas, and the need for continued support in rebuilding efforts.

HIGHLIGHTS

- MARKET DYNAMICS IN POST JAJARKOT EARTHQUAKE AND IMPACTS ON CONSTRUCTION MATERIALS.
- DISPARITY IN DISASTER RELIEF AS REMOTE REGIONS LEFT BEHIND AFTER EARTHQUAKE
- TRAGIC ACCIDENT CLAIMS LIVES IN RUKUM WEST
- GOVERNMENT ALLOCATES ADDITIONAL FUNDS FOR TEMPORARY SHELTER CONSTRUCTION
- EARTHQUAKE'S IMPACT ON EDUCATION AND RISE OF RESILIENT LEARNING IN RUKUM
- JAJARKOT DDMC MEETING REPORT
- JAJARKOT RECONSTRUCTION UPDATE

MARKET DYNAMICS IN POST JAJARKOT EARTHQUAKE AND IMPACTS ON CONSTRUCTION MATERIALS

A quick market survey conducted aimed to gather information on the prices of construction materials required for shelter building after earthquake. The supply chain remains intact despite the earthquake major from cities Nepalgunj, Dhangadhi, and Surkhet. Which consequently make market stable for most goods. However, there has been a significant increase in the demand for local items like



bamboo, which is being used extensively for constructing temporary shelters. This surge in demand has caused the price of bamboo to nearly double. Additionally, the cost of labor, both for skilled and unskilled workers, has increased by approximately 20%. On the other hand despite high demand, the price of a standard CGI sheet bundle decreased from Rs. 11,000 to Rs. 10,000, attributed to oversupply caused by the different organizations procuring materials externally and bringing them in the district.

Ram Chandra Jyoti and Bhupendra Jyoti, with six years of experience in the hardware business, shared their observations on the intensified competition post-earthquake. They highlighted a rise in new businesses supplying CGI sheets due to increased market demand. Lal Bahadur Khatri, in the CGI sheet business for eight years, witnessed a drop in sheet prices due to increased market supply. However, he noted a surge in demand for nails and screws. He expected a potential rise in demand for construction materials like cement, rods, nails, paint, and wires when permanent shelter construction begins. Bhadra Khatri, dealing in kitchen utensils, reported reduced sales due to distributions by support organizations of foam, kitchenware, thermos flasks, and warm clothing. Similarly, Nim Bahadur Dangi, a cloth shop owner for 38 years, experienced decreased sales of foam items.

While sand and aggregates from the Bheri River to Jajarkot and Rukum West maintained stable prices, materials like rods and cement sourced from Dang and Nepalgunj experienced a recent Rs. 100 per bag increase in cement prices nationwide. Traders and local people witnessed a significant price hike in bamboo from Rs 300 up to Rs 600 due to its scarcity and limited supply in both of the districts. Wood recovered from collapsed houses is being used in combining with CGI sheets for shelter construction. Many individuals are looking to sell this recovered wood following the procedure. The comparative chart below displays pre- and post-earthquake prices of various construction materials.

SN	Materials	Size/ Quantity	Pre-quake rate (Rs.)	Post-quake rate (Rs.)
1	Tarpaulins	9×12 ft	800-1,000	800-1,000
2	Plywood	10 mm	1,500	1,500
		12 mm	1,800	1,800
3	CGI Sheets	72 ft, 36 mm	10,500-11,000	10,000
4	Bamboo	Piece	300	500-600
5	Plastic Sheet	Кg	350	350
6	Ropes, binding wire, and hinges	Кg	300-400	300-400
7	Screws	Piece	1	1
8	Nails	Кg	180	180
9	Insulation Materials	NA	NA	NA
10	Cement	РРС	650	750
		OPC	750	850
11	Mats or poly fiber mattress	1 Roll, 8 mm	6000	6000
		10 mm	6000	6000
		12 mm	6000	6000
12	Unskilled manpower	Daily	800-1000	1000-1200
	Semi-skilled manpower	Daily	1000-1200	1200-1500

The quick market survey revealed varied impacts on construction material prices. While CGI sheet prices decreased due to oversupply, other materials remained stable or faced increases. The expectation for increased demand in future phases of permanent house construction suggests potential market fluctuations. In addition, the distribution of assistance items by supporting organizations affected the sales of local businesses. The scarcity of bamboo led to a significant price surge. Recovered wood is being utilized alongside CGI sheets for shelter construction that is saving their construction cost to some extent.

DISPARITY IN DISASTER RELIEF AS REMOTE REGIONS LEFT BEHIND AFTER EARTHQUAKE

A deep concern has spilled over regarding the allocation of relief assistance following the devastating Jajarkot earthquake. Bir Bahadur Giri, Chairperson of Barekot Rural Municipality, says relief efforts were predominantly concentrated in more accessible areas, neglecting the remote regions.

Giri drew attention that while no lives were lost, the physical damage in Barekot was extensive, yet relief distribution seemed primarily focused on convenient locations. He



emphasized that a significant number of affected individuals are still residing outside tarpaulin. He expected impending challenges in Barekot once the rainy season commences. Out of the planned 5,586 temporary shelters, only 1365 have been constructed in Barekot thus far. Giri expressed worries about the financial strain on households, particularly when the labor force, who tend to go to India, is engaged in the construction.

Regarding educational facilities, Giri mentioned the provision of a tent for running the school but worried the absence of other necessary equipment. Affected people expressed dissatisfaction at the delayed construction of temporary structures, including housing and schools, which had not commenced even 45 days post-disaster. Despite assurances of completing temporary housing by November, affected people are enduring hardships due to the cold weather, worsened by less than 20 percent progress in construction. Local residents in Nalgad Municipality and Junichande Rural Municipality also remain apprehensive as funds have yet to reach these areas.

TRAGIC ACCIDENT CLAIMS LIVES IN WEST RUKUM

Five people tragically lost their lives in Aathbishkot Municipality of Rukum West when a tractor carrying CGI sheets for constructing temporary shelters for those affected by the earthquake had a terrible accident. The accident happened on an inner road inWard No. 10 Tirikot when the tractor turned off the road and fell about 30 meters.

The District Police Office Rukum West report disclosed deceased identities: 46-year-old Lok Bahadur Shahi and his 42-year-old wife Barsia



Chuki Shahi from Aathbishkot Municipality Ward No. 10 Naula, 52-year-old Vardar Sarki, 48-year-old Dhanram Sarki from Aathbishkot 8 Sarkiwada, and 47-year-old Nirmala Sarki. Additionally, nine individuals sustained injuries in the accident. They are currently receiving treatment at the Aathbishkot Municipal Hospital.

The injured include 41-year-old Khadak Bahadur Pun, 38-year-old Ramesh Sarki, 14-year-old Dal Bahadur Pun from Ward No. 8, 56-year-old Kumar Gharti, 34-year-old Rama Gurung, 51-year-old Jagvir Sarki, 36-year-old Jairam Gharti, 58-year-old Mane Sarki, and 42-year-old Madan Pun. The community is deeply saddened by this tragic incident. This tragic accident highlights the unsafe conditions faced by people traveling in rural areas, highlighting the urgent need for government intervention to regulate and improve the safety of transportation in these regions. It reveals the risks involved in transporting essential goods and personnel in rural areas, necessitating immediate action to prevent further tragedies.

GOVERNMENT ALLOCATES ADDITIONAL FUNDS FOR TEMPORARY SHELTER CONSTRUCTION

The government has disbursed Rs one billion for the construction of temporary shelter to assist those affected by the Jajarkot earthquake. According to the National Disaster Risk Reduction and Management Authority, out of the 1 billion, a sum of Rs 930 million was dispatched to the respective districts on Monday.

NDRRMA shared that the Finance Ministry released Rs 1 billion on Sunday. An allocation of Rs. 930 million was dispatched in line with the government's focus on assisting those affected by the earthquake on the very



next day. Earlier, the cabinet had decided to allocate Rs. 10 billion in a meeting and following this decision, the Finance Ministry initially set aside Rs 1 billion. It detailed the allocation that Rs 540 million was directed to Jajarkot, Rs 340 million to Rukum West, and Rs 50 million to Salyan for relief efforts. Previously, the Authority had allocated Rs 1.41 billion for temporary housing construction, benefiting a total of 60,337 individuals, as per the latest data made available by NDRRMA.

EARTHQUAKE'S IMPACT ON EDUCATION AND RISE OF RESILIENT LEARNING IN RUKUM

The Jajarkot earthquake caused widespread damage to physical structures, including school buildings which couldn't withstand the impact. In response, temporary learning centers using tarpaulin have been set up near affected schools to ensure continued education for the students.

Across Rukum West, a total of 213 temporary learning centers have been established, as shared by Tara Prakash Pun, the Head of the Education Development and Coordination Unit. While some of these centers have commenced teaching, others are still in the construction phase.



Aathbishkot Municipality reported damage to 53 out of 64 schools, with 252 classrooms directly impacting around 9,847 students. The mayor Ravi KC has mentioned that although teaching has begun in most places, the construction of temporary learning centers is nearing completion, ensuring the resumption of classes. So far, 139 TLC have been constructed. The municipality has provided necessary materials, considering the damage to educational resources caused by the earthquake.

Likewise, 74 temporary learning centers have been completed in Sani Bheri Rural Municipality. However, the construction of temporary learning centers is still ongoing in some affected areas. In Rukum West, Education Development and Coordination Unit Rukum West stated that in places where these centers haven't been established, teaching is being conducted in the open courtyards of the damaged schools.

With the intensifying cold, the school authorities face an overwhelming task of



safeguarding children from falling victim to various cold-related diseases. The lack of proper management worsens the situation, especially considering that students are studying on the ground with only thin poly-fiber mattresses, insufficient for shielding them from the cold in some of the schools. This inadequate setup fails to absorb the chilly temperatures, posing a significant risk to the children's health.

JAJARKOT DDMC MEETING REPORT

On the 18th of December 2023, the District Disaster Management Committee meeting was conducted under the leadership of DMC chair Suresh Sunar. This meeting was organized with a primary focus on assessing the current status and advancements in several key areas related to post disaster temporary shelter construction efforts. The agenda covered a comprehensive discussion on the disbursement of funds, the progress of site clearance, updates on construction activities, the status of beneficiary verification, and other



pertinent topics significant to the meeting. Some key decisions are as under.

- The DDMC in Jajarkot received diverse forms of assistance from governmental and non-governmental sources, which were distributed through a one door mechanism via local bodies. The income and expenses related to this relief were officially endorsed.
- An approved relief amount from the Committee's fund was allocated to assist the families of the 101 deceased individuals resulting from the earthquake.
- Funds for temporary shelter construction were disbursed based on the number of identified beneficiaries, with the initial installment approved during a committee meeting.
- Meeting decided to request assistance from NDRRMA for the restoration of damaged historical and archaeological sites, and from the Karnali Provincial Government to cover various expenses incurred during rescue and relief operations.
- LDMCs within the district was requested to stockpile relief materials adequate for at least 100 families.

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्यान पहले निवे असारी आवासार साथाई क्यान रागे रुपीना स्वार्थे वास्त्र रागे स्वानीया स्वार्थे वास्त्र स्व-शे स-र्थ विष्ट् कविस स्वूत्रिप्टल राव अवस्वार मार्थितारे साथ वास्त्रावी संवर्धने आयात्म सन्देश्वी सार्थन रिष्ट् केविस म्यूनिस्टल साथ वास्त्र साथीत्रीयां सीगव विला सिद्दां किंग व्याप्त्री सन्द्र या वास्त्राप्त साथित्वी स्वीनस्वर त्याप्त स्वार्थ्य वास्त्रा गियासा सारी चीतों नित्या स्वार्त्य विलया मंत्रस्वे सारीतन्ते स्वुत्व राज्यकी अनुमेश्य चीते।

शि.मं.	स्थानीय तह	जण्मा सामग्रही	
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3	मारेकोट गाउँपलिका	1306	
2	खेडागाड गगरपालिका	8828	
x	भेरी नगरपालिक।	ALLY	1,18,00,0001-
x	करो भाउँपालिका	3886	4,20,22,000 -
×		2955	12,29,02,0001-
1	প্রশ্যার নথা	0903	0
6	जुनियदि गाम	28.63	0
कूल जम्मा		39088	20,95,98,0001-

Y. पुश्रम्पचाट अति भएका ऐतिहासिक तथा पुरातसिक सम्भवतरुको पुनीर्वमांनका स्वामि आस्त्रक पडस हुन संदिय निषद् जोखिम न्यूनिकरण तथा व्यवस्थापन प्राधिकरणमा अनुरोध गरी पदाउने।

 जिल्लाका प्रत्येक स्थानीय तहका स्थानीय विपद् जोखिन न्यूनिरुरण तथा व्यवस्थापन हमित्रिक्षे कन्तिमा १०० परिवरत्ताई आवश्यक पर्ने राहुत खामाडी मॉंग्लात गरी राखे।

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Hand Part of A

SETE'S SHELTER STORY

After the recent earthquake that shook Jajarkot, the life of Sete Pun and his family from Bheri-3, Upper Thaple, took a drastic turn. Their home crumbled, leaving them in urgent need of shelter. Determined to provide for his family, Sete took on the task of building a temporary shelter. In the beginning, he worked tirelessly, bearing the burden alone, cleaning debris, and carrying heavy loads to save on labor costs.



Davs turned into Sete's weeks, and untiring efforts continued. However, the workload seemed challenging. Luckily, volunteers from his community came to help him. With their help, the shelter

construction effort continued. Using 30 CGI sheets and recovered materials from his old home, the shelter started taking shape. The change was visible between the pictures captured on November 10 and December 18. From a heap of rubble to a livable shelter, Sete's determination and the volunteers' support made it possible. The shelter, costing around Rs. 55,000, now stands, offering protection to Sete and his family. Sete expressed his heartfelt thanks to all those who lent a helping hand.

JAJARKOT DISTRICT RECONSTRUCTION UPDATE

A significant first installment of five hundred million has been received from NDRRMA, with 49.8 million transferred to the District Disaster Management Fund. All the municipalities have conducted the beneficiaries total eligible for temporary shelter construction. So far, 33,055 beneficiaries have been declared as per the data circulated DDMC. Whereas from the agreement was accomplished with 13,145 out of which a total of Rs. 115,600,000 as first installment have



been provided to 4,624 out of 13,145 contracted beneficiaries Altogether 4,171 temporary shelters have been constructed till 20 Dec 2023.

Kuse Rural Municipality

In the aftereffects of the recent earthquake, a controversy has surfaced in affected areas regarding the conditions set for housing grants. The temporary shelter construction procedure stipulating the demolishing of houses, regardless of the extent of damage, in exchange for a modest grant of Rs. 50,000 has sparked disagreement among residents. The rural municipality has received 13.21 million



from DDMC for shelter construction. Agreement has been completed with 140 beneficiaries and 108 shelter completed.



Officials from municipality said that they are diligently collecting data from ward offices and have received the grant amount from the district. However, a huge portion of the population is hesitant to demolish their partially damaged houses due to the inadequate grant offered. This disagreement has highlighted the discrepancies between the procedure and the practical situation on the ground, prompting discussions and concerns among the earthquake-affected residents.

CHHEDAGAD MUNICIPALITY

According to Mr. Chandra Bahadur Thapa, deputy chairperson of Chhedagad municipality has received 9.16 million from district disaster management fund and 24,00,000 rupees has been disbursed to the 96 beneficiaries out of 1,086 contracted beneficiaries. Construction work is underway.



Junichande Rural Municipality

As of now, they have recorded 2,563 beneficiaries. Next week, they aim to complete the enrollment process and remain aware of the grant's reception. However, the municipality has not received the grant from DDMC yet. They have distributed certain relief materials directly from the ward, and the records of these distributions have already been submitted to DDMC.





Nalagad Municipality

Mr. Dinesh Bhattarai, Chief Administrative Officer for Nalagad, reported that they have compiled a list 8,097 beneficiaries in the municipality out of which contract have been accomplished with 7,391 beneficiaries. Efforts are ongoing to reach out to the other affected beneficiaries. Additionally, the requirement to demolish partially damaged houses for a mere 50,000 rupees is met with resistance from most people, given their reluctance to demolish these cracked structures. They are yet to receive grants from the government. 2,471 shelters have been constructed by different organizations.





Barekot Rural Municipality

Barekot Rural Municipality has received 13.97 million in its disaster management fund. They have identified 5,586 eligible beneficiaries for shelter construction, and 1,065 of them have received the funds. Currently, 1,365 shelters have been constructed, and the detailed data is still pending from the wards.



Bheri Municipality

Bheri Municipality received 6.37 million from the district disaster management fund, completing agreements with 592 verified beneficiaries. All of them have received the grant, with plans to expedite disbursements to the remaining eligible recipients. So far, 150 shelters have been constructed. So far it has verified 4,549 beneficiaries.

The municipality has intensified efforts to identify eligible beneficiaries across all wards, aiming to speed up fund



disbursement and accelerate shelter construction. The delay in verifying eligible beneficiaries is stalling the fund disbursement process.



Shiwalaya Rural Municipality

They sent the list of beneficiaries promptly, but the enrollment process took longer than expected, causing delays in distributing the grants. They have received 8.27 million from the district disaster management fund and amount of Rs. 7.17 million has been transferred to the bank accounts of 2,871 beneficiaries with 77 shelter constructed.

They are putting every effort to avoid duplicating names and ensured that no individuals from the same family received the grant.







AGENCIES OFFERING HUMANITARIAN SUPPORT

Please refer to the following link to see the list of agencies offering humanitarian support https://docs.google.com/spreadsheets/d/1NhE0S6tJTd HtLu3drZjW0M12Z50T3ApEtFagP4plbk

As one and a half months have passed since the Jajarkot Earthquake, the focus has shifted from immediate relief to reconstruction and rehabilitation efforts. In order to document and acknowledge the contributions of all agencies involved in the earthquake relief, we are compiling a comprehensive report. Several agencies have already submitted their information through the 5W form.

https://docs.google.com/spreadsheets/d/1AyCbU7uNtnotmKWQmQkQcWtr9ucRhAa3/e dit?usp=sharing&ouid=107457124998650092558&rtpof=true&sd=true

We kindly request all remaining agencies to complete the form, which is available for download via the provided link. After downloading the excel file and updating data please highlight the rows you have worked on so as to distinguish the updates. Please submit the completed form to jajarkotrelief@gmail.com by this Wednesday i.e. December 27. The collected data will be shared with relevant government bodies, UNRCO, AIN, and other stakeholders. Thank you for your timely cooperation in this important documentation effort. Thank you for your timely cooperation in this important

This Quad-Day Situation Analysis Report is prepared by DPNet in support of Plan International

