



**TURA GOVERNMENT COLLEGE, TURA
GEOGRAPHY DEPARTMENT**

Education Report on Field Trip to Edenbari Village on 04/05/2023

Project Report on Agricultural productivity and the socio economic status of local farmers in Edenbari village of West Garo Hills District.

Executive Summary

Field trips serve one vital function as far as education is concerned. Field trips link the classroom experience with the outside world in so doing they not only improve learning, but also give both the students and educators valued practical experience. The field trip we took the students was an interesting one judging by the varied lessons that we had to receive. This report is prepared to that effect. It details the events and the lessons learnt from the field trip conducted. This particular trip visioned at improving their knowledge base grounded in the classroom concerning fresh water biodiversity in the local area. During this event, they encountered several wonderful spectacles like the magnificent natural scenery of the region. The field trip owed its success to the faculties of the Department particularly the Project Supervisor, Shri. Phrangshai Hynniewta who engaged the students in sample collection throughout the trip. A majority of the samples collected concerned the soil and water samples. A brief detail of this is discussed in this report. In due course, the report also provides information on the socio economic status of farmers in the area.

Introduction

Within the Tura region, the trip to Ganol River is among the best experience. The Ganol stream desends from the foothills of the northern parts and passes through the heart of the paddy fields. It is also joined by smaller streams before it joins the main river i.e. the Kulu River. The stream runs from North East to South West direction. The area wander pasts other spectacular sites along the Ganol River. People in the region enjoy the view of the Tura Peak famous for trekking and other adventurous activities.

Summary

Project Title: 'A study of the agricultural productivity and socio economic status of local farmers in Edenbari village.'


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Duration of field visit: The field visit was a one day trip conducted on the 4th of May, 2023

LOCATION:

Edenbari Village is situated in the district of West Garo Hills which is located between the latitude 25° 30' 51" N AND LONGITUDE 90° 21' 8" E. It is in Rongram Block. And is 13km away from district headquarter Tura.

Edenbari village, located in the West Garo Hills district of Meghalaya, is predominantly an agricultural community with a majority of the population engaged in farming activities. The village has a diverse range of crops grown, including rice, potatoes, wheat, and vegetables. However, despite their hard work and dedication, the farmers in Edenbari face several challenges that hinder their productivity and socio-economic status. This project report aims to assess the current state of agricultural productivity and socio-economic status of local farmers in Edenbari and provide recommendations to improve their well-being.

Methodology: ----- The study was conducted using both qualitative and quantitative research methods. A survey was administered to 20-30 farmers in Edenbari, covering various aspects such as crop production, input usage, output, and income. Additionally, focus group discussions were held with 20 farmers to gather more in-depth information on the challenges faced by the farmers. The survey data was analyzed using descriptive statistics, while the focus group discussions were recorded, transcribed, and thematically analyzed.

Findings: ----- Crop Production and Input Usage The study found that the majority of farmers in Edenbari grow rice, followed by potatoes and wheat. The average size of landholding is around 1-2 hectares, and the farmers primarily rely on traditional farming practices. The most commonly used inputs are seeds, fertilizers, and pesticides. However, the farmers reported facing challenges in accessing quality seeds and inputs at affordable prices.

Output and Income: ----- The average yield of major crops in Edenbari is relatively low compared to other parts of the country. The study found that the average yield of rice is around 2.5 metric tons per hectare, while the average yield of potatoes is around 10 metric tons per hectare. The average monthly income of farmers is around ₹ 5000- ₹10,000, which is below the poverty line.


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Challenges Faced by Farmers: ----- The farmers in Edenbari face several challenges that affect their productivity and socio- economic status. Some of the major challenges include:

1. Lack of access to quality seeds and inputs: The farmers reported difficulty in accessing quality seeds and inputs at affordable prices, which affects their crop yields and productivity.
2. Limited irrigation facilities: The study found that only 30% of the farmland in Edenbari has access to irrigation facilities, which affects the crop yields during dry seasons.
3. Poor connectivity and transportation infrastructure: The village is located in a remote area, and the farmers face difficulties in transporting their produce to nearby markets due to poor road connectivity.
4. Limited access to credit and market information: The farmers reported difficulty in accessing credit facilities and market information, which affects their ability to invest in their farms and sell their produce at competitive prices.
5. Climate change: The farmers reported experiencing changes in weather patterns, such as erratic rainfall and rising temperatures, which affects their crop yields and productivity.

Recommendations: ----- Based on the findings of the study, the following recommendations are made to improve the agricultural productivity and socio-economic status of local farmers in Edenbari:

1. Improve access to quality seeds and inputs: The government should establish a seed bank and provide subsidies on inputs to encourage the use of improved varieties and increase productivity.
2. Enhance irrigation facilities: The government should invest in irrigation infrastructure, such as canals and water harvesting systems, to ensure adequate water supply for crops during dry seasons.
3. Strengthen connectivity and transportation infrastructure: The government should invest in improving road connectivity and transportation infrastructure to facilitate the movement of goods and people.


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.. Provide access to credit and market information: The government should establish a farmer producer organization to provide credit facilities and market information to farmers.

5. Promote climate-resilient agriculture: The government should promote climate-resilient agriculture by providing training and resources to farmers to adopt sustainable farming practices.

Conclusion: ----- The study highlights the challenges faced by local farmers in Edenbari and provides recommendations to improve their agricultural productivity and socio-economic status. The findings suggest that improving access to quality seeds and inputs, enhancing irrigation facilities, strengthening connectivity and transportation infrastructure, providing access to credit and market information, and promoting climate-resilient agriculture are essential to address the challenges faced by the farmers. The implementation of these recommendations can help improve the well-being of the farmers and contribute to the overall development of the village.

References: -----

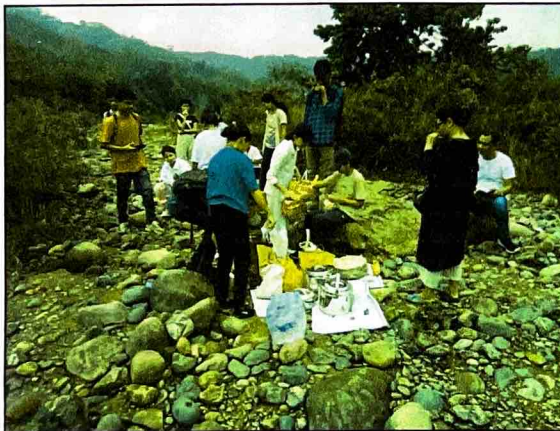
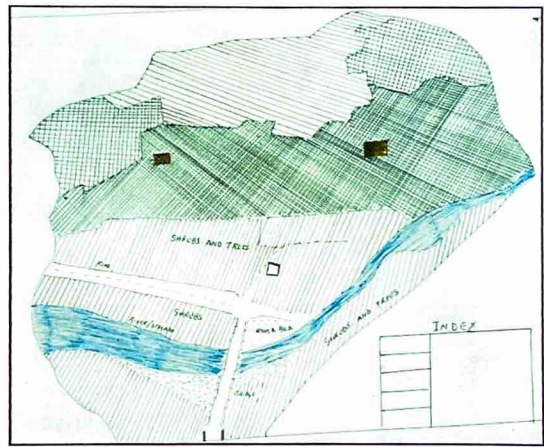
[1] Ministry of Agriculture and Farmers Welfare. (2019). Agricultural Statistics at a Glance. Retrieved from

[2] World Bank. (2017). Meghalaya State Development Report. Retrieved from

[3] ICAR-Indian Institute of Agricultural Extension Management. (2018). Extension Reforms in India: A Review.


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Photo Gallery



[Signature]
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LIST OF STUDENTS WHO WENT FOR FIELD TRIP TO EDENBARI ON 4TH MAY, 2023

Sl No	Roll No	Name	Signature
1	A2020210	Sengsyl K Sangma	Sengsyl K. Sangma
2	A2020211	Silma Ch Marak	Silma. ch. Marak
3	A2020212	Namrikchi T Sangma	Namrikchi T. Sangma
4	A2020213	Lisana Nikre Ch Marak	Lisana Nikre ch. Marak
5	A2020214	Bittingbath M Sangma	Bittingbath M Sangma
6	A2020215	Blezar M Marak	Blezar M Marak
7	A2020216	Upashana Hajong	Upashana Hajong
8	A2020217	Jessica R sangma	Jessica R. Sangma
9	A2020218	Jakrimre A Sangma	Jakrimre A. Sangma
10	A2020219	Victor Koch	Victor Koch.
11	A2020220	Chokchime A Sangma	Chokchime A. Sangma
12	A2020222	Salchandi Ch Marak	Salchandi ch. Marak.
13	A2020223	Joel Ch Momin	Joel Ch. Momin
14	A2020225	Nisha Ch Sangma	Nisha ch. Sangma
15	A2020226	Dunita Koch	Dunita Koch



HoD

Department of Geography

Tura Government College, Tura

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GOVERNMENT OF MEGHALAYA
OFFICE OF THE PRINCIPAL
TURA GOVERNMENT COLLEGE, TURA
West Garo Hills, Meghalaya
Email:tgeprincipal@gmail.com Tel.:03651-222379

etc

MOVEMENT

ORDER

No. 100

Dated, Tura the 2nd May 2023

The following persons/staff/students Tura Government College, Tura Department of Geography is hereby allowed to move the College Bus No. 2 to Edenbari, West Garo Hills for Study Tour on 4th May 2023.

Occupant:

1. Shri. Shaymal Saha, Driver
2. Shri. Janu S Marak, Handyman
3. Students of TGC Geography Dept.

Faculty i/c.

Smt. Phrangshai Hynniewta,
Signature, Department of Geography,
Tura Govt. College, Tura

Note: Organizing party will bear the necessary/required Bus Fuel and other Traveling expenses.

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Principal,

Tura Govt. College, Tura

Dated, Tura the 2nd May 2023

No.Misc-41A/2023-24/315-16,

Copy to:

1. The Director of Higher & Technical Education, Shillong - for favour of information.
2. The person(s) concern - for favour of information & necessary action.
3. Order Book/File etc.

Signature
Principal,

Tura Govt. College Tura