PROGRAMME SCHEDULE

11 a.m.

Inaugural Speech by Dr. Kalyan Kumar Mandal

11:05 a.m.

Welcome speech by Dr. Ishani Ghosh

11:10 a.m. to.

Speech of Dr. Chandan Roy

12:10 p.m

Topic: "Spatial and temporal assessment of

flora and fauna in the Sundarbans, Bangladesh"

12:10 to 12:30 p.m.

12:30 to 1:30 p.m.

Speech of Dr. Chandan Surabhi Das

Topic: "Indian Sundarban: Living with changing

climate"

Discussion

1:30 to 1:50 p.m.

Discussion

1:50 p.m.

Vote of Thanks by Mr. Kankan Roy

Resource Persons



Dr. Chandan Roy

Associate Professor in Geography and Environmental Studies University of Rajshahi, Rajshahi, Bangladesh



Dr. Chandan Surabhi Das

Associate Professor in Geography Barasat Government College, North 24 Parganas

Platform: Google Meet & You Tube

Registration Link: https://forms.gle/FXpMeWTuTSBTkWPX8

No Registration Fee

Certificate will be issued after filling up the Feedback Form

About the College:

Kalinagar Mahavidyalaya was established in 1985 in one of the remote islands of the Indian Sundarbans (Kalinagar). It has traversed a long path warding off the challenges of time and put its mark in the history of higher education in the area. Kalinagar Mahavidyalaya is affiliated to West Bengal State University. The college offers Honours and General subjects in both science and arts disciplines.



Chief Patron

Sri Sukumar Mahata President, Governing Body Kalinagar Mahavidyalaya



Dr. Ishani Ghosh Teacher-in-Charge Kalinagar Mahavidyalaya



Co-ordinator, IOAC Dr. Subhashis Chatterjee Assistant Professor in Bengali Kalinagar Mahavidyalaya



Dr. Kalyan Kumar Mandal Assistant Professor in Geography Kalinagar Mahavidyala



Joint Convenor Mr. Kankan Roy **Assistant Professor in Geography** Kalinagar Mahavidyalaya

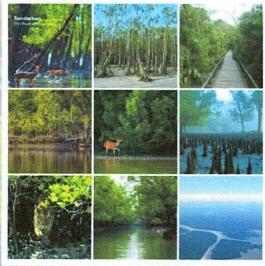


Organizing Secretary Mr. Amiya Bikash Giri State Aided College Teacher, Geography Kalinagar Mahavidyalaya

International Webinar

Climate Change and Biodiversity Loss

Indo-Bangladesh Sundarbans: **Threats, Opportunities and Solutions**



Organized by.



Department of Geography and Internal Quality Assurance Cell Kalinagar Mahavidyalaya

Date: 30th June, 2023, Time: 11a.m. Onwards

Department of Geography:

The teaching of Geography in the college as a General and Honours subject was initiated in 1995 and 2000 respectively. Presently the intake capacity is 70 students for General and 50 for Honours course. There are 5 faculty members in the department, 2 Assistant Professors and 3 State Aided College Teachers (SACT). The Department is equipped with a rich laboratory having Computer, Software, Satellite Imagery, Survey Instruments and other necessary apparatus as per the curriculum of the university.

The primary objective of the department is to provide knowledge of higher quality that is geared towards preparing students for successful career. Besides, the faculty members encourage the research oriented approach

among their students.

Study tour, Seminars, Magazines, Poster Presentation, Quiz competition and continuous Field Survey with students make the department academically sound. The department is committed to foster a supportive, empowering learning environment to achieve the overall development of the students.

About the Webinar:

The World Heritage Site, Sundarban is the world's largest contiguous mangrove forest spreading the Ganga-Brahmaputra-Meghna deltaic region. Now due to the climate change the Sundarban is facing several challenges. With the rising sea levels, islands are disappearing, salinity of water is increasing which severely threatens the health of mangrove forest, quality of soil and crops. Coastal people of this region suffer significantly from the effect of tropical cyclone and their aftermath effect such as embankment breaching, inundation and waterlogging, damage of crops etc. Hostility of climate causes large scale human displacement and the climate refugees are biggest challenges to the geographical, biological and social system. Loss of biodiversity is another crucial problem here. Cyclone, waterlogging river bank erosion, increasing salinity of water and soil etc. are the prominent causes of biodiversity loss in Sundarban region which ultimately lead to a Biodiversity Hotspot. In addition to the physical factors some anthropogenic factors like tiger poaching, illegal lumbering, intensive boating and fishing, operation of Teacher-in-chargenechanized boat, excavation of sand from river bed, establishment of brick

Kalinagar Mahavid yabiddiversity loss. In a nutshell, it can be said that Sundarban is now facing multifaceted threats. It is really a challenge to the scientists, researchers and social activists to assess the extent and dimension of the problems and suggest some appropriate remedial measures to uproot the same. In this respect, our webinar has immense scope to pave the way for combating the problems.

International Webinar on "Climate Change and Bio-diversity Loss of Indo-Bangladesh **Sundarbans: Threats, Opportunities and Solutions**

LIST OF REGISTERED PARTICIPANTS Timestamp Name Institute/ College/ University Designation 2023/06/30 ABDUL HALIM MIAH UNIVERSITY OF NORTH BENGAL Research Scholar 2023/07/01 AJAY KUMAR PANNAB UNIVERSITY CHANDIGARH **Guest Faculty** 2023/06/30 AKASH ROUTH KALINAGAR MAHAVIDYALAYA Student 2023/06/30 AMAL KUMAR SARKAR RBC COLLEGE FOR WOMEN, NAIHATI, W. Associate Professor 2023/06/30 AMITAVA DAS KALINAGAR MAHAVIDYALAYA SACT 2023/06/30 AMIYA BIKASH GIRI KALINAGAR MAHAVIDYALAY SACT 2023/06/30 ANIMESH MANDAL ASSAM UNIVERSITY, SILCHAR Research Scholar 2023/06/30 ANIMESH MANDAL ASSAM UNIVERSITY, SILCHAR Research Scholar 2023/06/30 APARAJITA SARKAR. **BALURGHAT COLLEGE** Student KALINAGAR MAHAVIDYALAYA 2023/07/01 ARIJIT BARIK Student 2023/06/30 AVIJIT DAS KALINAGAR MAHAVIDHYALAYA Student 2023/06/30 BANSHITA BASAK **BALURGHAT COLLEGE** Student 2023/06/30 BASARI HALDER VICTORIA INSTITUTION (COLLEGE) **Assistant Professor BIGGANA NANDA** 2023/06/30 **ACHARJYA** SALTORA NETAJI CENTENARY COLLEGE SACT 2023/06/30 BIKASH BARMAN MALDA WOMEN'S COLLEGE **Assistant Professor** 2023/06/30 BIKRAM MANDAL KALINAGAR MAHAVIDYALAYA Student 2023/06/30 BISAKHA SHOME DINABANDHU MAHAVIDYALAYA, BONGA SACT 2023/06/30 BISWAJIT MANDAL NAHATA J.N.M.S MAHAVIDAYALA **Associate Professor** 2023/06/30 CHANCHAL ADAK KALINAGA MAHAVIDYALAYA Student ANANDA CHANDRA COLLEGE, JALPAIGURI Assistant Professor 2023/06/30 CHIRANJIB SARKAR 2023/06/30 DEBASHISH MRIDHA SACT KALINAGAR MAHAVIDYALAYA 2023/06/30 DEBASHREE MANDAL KALINAGA MAHAVIDYALAYA Student ANKURHATI KIBRIA GAZI SCHOOL (H.S) ASSISTANT TEACHER 2023/06/30 DEBASISH SARKAR 2023/06/30 DEBATTOMA BHATTACHARYPD WOMEN'S COLLEGE Student 2023/06/30 DEBJIT MRIDHA KALINAGAR MAHAVIDYALAY Student PANJAB UNIVERSITY, CHANDIGARH Research Scholar 2023/07/01 DEEPAK COLLEGE - KALINAGAR MAHAVIDYALAYA Student 2023/06/30 DHIRAJ SHAW Student 2023/06/30 DHRUBAJYOTI SARDAR KALINAGAR MAHAVIDYALAYA EAST CALCUTTA GIRLS'COLLEGE SACT 2023/06/30 DIGANGANA BOSE NABA BARRACKPUR PRAFULLA CHANDRA Assistant Professor 2023/06/30 DIYALI CHATTARAJ Student KALINAGA MAHAVIDYALAYA 2023/06/30 HARSHIT DAS UNIVERSITY OF NORTH BENGAL Student 2023/06/30 HIMMAT SINGH 2023/06/30 HIRANMAY BACHHAR KALINAGA MAHAVIDYALAYA Student 2023/06/30 IMAN SK CHAKDIGNAGAR T.M. HIGH SCHOOL, KRIS Assistant Teacher KALINAGAR MAHAVIDYALAYA Student 2023/06/30 JAGADISH BARKANDAJ 2023/06/30 JULFIKAR MOLLA Student **UNIVERSITY Assistant Professor** KALINAGAR MAHAVIDYALAYA 2023/06/30 KALYAN KUMAR MANDAL RAMAKRISHNA SARADA MISSION VIVEKANSACT 2023/06/30 KANIKA DAS Ex-student KALINAGAR MAHAVIDYALAYA 2023/06/30 KAUSTAB DAS KALINAGA MAHAVIDYALAYA Student 2023/06/30 KOUSHIK DAS Research Scholar 2023/06/30 MAHITOSH DAS MAGADH UNIVERSITY

TAKI GOVERNMENT COLLEGE

KALINAGAR MAHAVIDYALAYA

2023/06/30 MAITREYEE HALDER

2023/06/30 MILAN DAS

6 Teacher-In-charge Kalınagar Mahavidyalaya

SACT

Student

2022/06/20	MITRA BHATTACHARYA	KALINAGA MAHAVIDYALAYA	SACT
	WITTER BUILT IN COLUMN	IC (EITO CO) CTOO CO CO	Student
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	TW IIII CO. I	KATELLA COLLINIA III III III III III III III III III	Assistant Professor
	THE TOTAL OF THE STATE OF THE S	EAST CALCUTTA GIRLS' COLLEGE	Associate Professor
2023/06/30			SACT
		NAHATA JNMS MAHAVIDYALAYA	SACT
2023/06/30		KALINAGAR MAHAVIDYALAYA	Student
	PRATIVA BAR	KALINAGAR MAHAVIDYALAYA	Student
	PRITAM ADAK	BALURGHAT COED COLLEGE	Student
	PRIYANKA PRAMANIK	P.D. WOMEN COLLEGE. JALPAIGURI	Student
2023/06/30		KALINAGA MAHAVIDYALAYA	Student
	RABISANKAR SARDAR	KALINAGA MAHAVIDYALAYA	Student
	RACHANA BAR		Assistant Professor
	RAHUL DEV BISWAS	KALINAGAR MAHAVIDYALAYA	Assistant Professor
	RAKESH ROY	EAST CALCUTTA GIRLS' COLLEGE	Student
	REKHA MAHATO	KALINAGA MAHAVIDYALAYA	
2023/06/30		KALINAGAR MAHAVIDYALA	Student
	RIYA MONDAL	KALINAGAR MAHAVIDYALAYA	Student Sebalar
	ROHIT KUMAR	PANJAB UNIVERSITY CHANDIGARH	Research Scholar
	RUMANA PARVIN	KALINAGAR MAHAVIDYALAYA	Student
	SAHANAJ PARVIN	P. D WOMEN'S COLLEGE	Student
2023/06/30	SAMRAT MRIDHA	KALINAGAR MAHAVIDLAYA	Student
2023/06/30	SANJIB MAHATA	NETAJI SUBHAS OPEN UNIVERSITY	Research Assistant
2023/06/30	SAYANDIP ROY	KALINAGAR MAHAVIDYALAYA	Student
2023/06/30	SOM DATTA	BIJOY KRISHNA GIRLS' COLLEGE,HOWRAH	
2023/06/30	SOMA DEY	TAKI GOVERNMENT COLLEGE	SACT
2023/06/30	SOMALI ROY CHAKRABORTY	DUMDUM MOTIJHEEL RABINDRA MAHAV	SACT
2023/06/30	SOUBHIK DAS	KALINAGAR MAHAVIDYALAYA	Student
2023/06/30	SUBHAJIT SAHA	JIBANTALA ROKEYA MAHAVIDYALAYA	Assistant Professor
	SUJATA DAS	DIAMOND HARBOUR WOMEN'S UNIVERS	
	SUKHENDU MONDAL	BARRACKPORE RASTRAGURU SURENDRA	Student
	SUMAN BISWAS	KALINAGAR MAHAVIDYALAYA	Student
	SUMAN KARMAKAR	KALINAGARMAHAVIDYALAYA	Student
	SUMANA MONDAL	KALINAGAR MAHAVIDYALAYA	Student
The second secon	SUMONA BHUNIYA	KALINAGAR MAHAVIDHYALYA	Student
	SUSMITA ROY	KALINAGAR MAHAVIDYALAYA	Student
	TANMOY BASU	KATWA COLLEGE	SACT
	TAPAS DAS	PRESIDENCY UNIVERSITY, KOLKATA	Research Scholar
	TAPAS PATRA	BAMANPUKUR HUMAYUN KABIR MAHAV	SACT
	TUYA ADHIKARY	KALINAGAR MAHAVIDYALAY	Student
	VINEET NARAIN DUBEY	S.M.M.TOWN P.G.COLLEGE ,BALLIA,U.P.	Professor
2023/00/30	YOGESH KUMAR DUBEY	MARIAHU POST GRADUATE COLLEGE, MA	Student

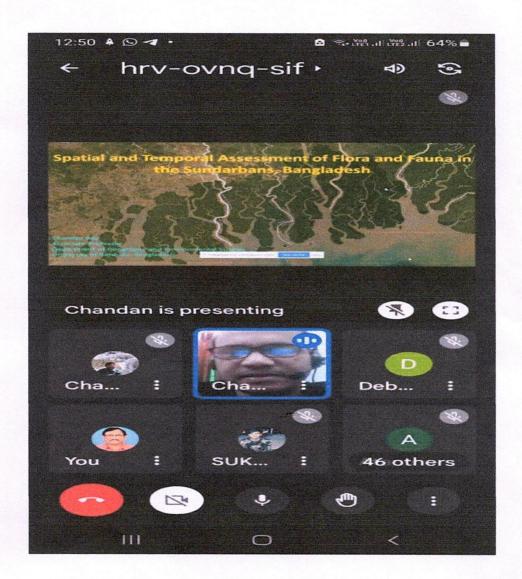
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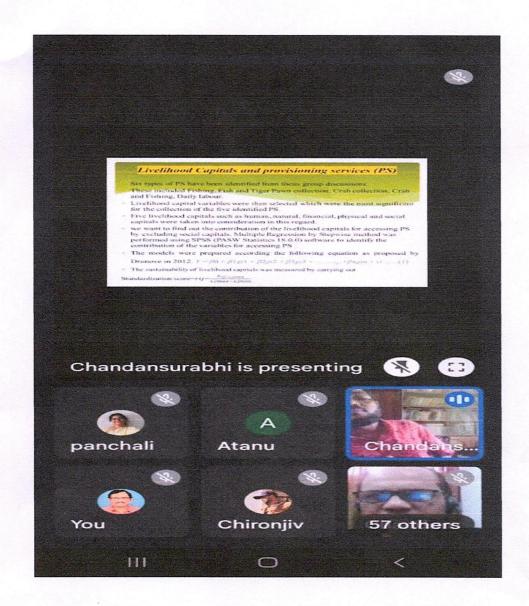
KALINAGAR MAHAVIDYALAYA

Government Aided College Affiliated to the West Bengal State University
P.O.: KALINAGARHAT, NORTH 24 PARGANAS, PIN: 743442, PHONE- 8328719680

International seminar on 'Climate Changes and Biodiversity Loss'



Teacher-In-charge Kalınagar Mahavidyalaya



Teacher-In-charge Kalinagar Mahavidyalaya

REPORT ON INTERNATIONAL WEBINAR

Name of the Program: Climate Change and Biodiversity Loss of

Indo-Bangladesh Sundarbans: Threats,

Opportunities and solutions

Organized by

: Department of Geography

Date

: 30/06/2023

Introduction: The world heritage site, Sundarban is the world, s largest contiguous mangrove forest spreading the Ganga-Brahmaputra-Meghna delta region. Now, due to the climate change the Sundarban is facing several challenges. Among them, rising sea level, increasing salinity of water, water logging, biodiversity loss, advent of severe cyclone etc. are prominent problems. Besides, anthropogenic factors like poaching, illegal lumbering, operation of mechanized boat, excavation of sand from river bed etc. are worth mentioning. Keeping these threats in mind the objectives has been designed as stated below.

Objectives:

- 1) To identify the different threats faced by Sundarbans , its nature and extent for the climate change and biodiversity loss.
- 2) To discover the opportunities by which we can solve the threats and existing problems.
- 3) To formulate some appropriate remedial measures to combat the existing problems which can promote and save the environment of the regions.

Program Description and Key Points: In consonance with the meaningful caption (Indo-Bangladesh Sundarban) and keeping in view the dimension of webinar (international) organizers of the webinar invited two resource persons, one from Bangladesh and another from India. Dr. Chandan Roy, Associate Professor in Geography and Environmental Studies ,Rajshahi University, Bangladesh was a notable speaker and another was Dr. Chandan Surabhi Das, Associate Professor in Geography, Barasat Government College, West Bengal State University, India. More than 105 students from our college and neighboring colleges participated in the webinar as ordience.

Dr. Chandan Roy explained how spatial and temporal distribution of flora and fauna of Bangladesh is going to change due to the climate change. He emphasized upon the spatio-temporal change of Mangroves species in Bangladesh. To do so, he used different GIS techniques and satellite imageries.

Dr. Chandan Surabhi Das explained how the occupation and life style of the people of Indian Sundarban is going through metamorphosis due to climate change. In this regard, he narrated the scientific utilization of natural resources and its preservation for future. In addition to this he uttered how the biodiversity of sundarban is decreasing in the course of time and how this course can be reversed.

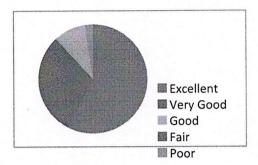
Conclusion: Sundarban is a world heritage site having a fragile ecosystem where biodiversity loss is a prominent threat. Both the speakers suggested some appropriate measures to come out from the problems. In this respect, this webinar may demand a complete success.

TGWA 12.7.23. Ieacher-in-charge Kalinagar Mahavidyalaya

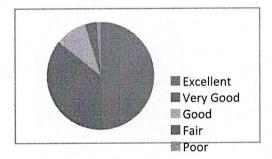
Feedback Analysis of The International Webinar on "Climate Change and Biodiversity Loss of Indo-Bangladesh Sundarbans: Threats, Opportunities and Solutions"

Organised by Department of Geography, Kalinagar Mahavidyalaya Dated: 30.06.2023

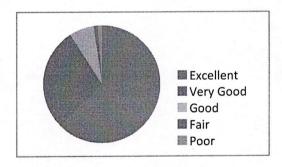
1. Relevance of the Webinar



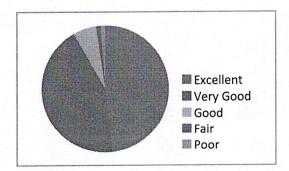
2. Applicability of the Webinar



3. Extent of coverage of Contents



4. Significance of the Webinar with regards to Higher Education

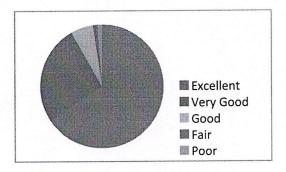


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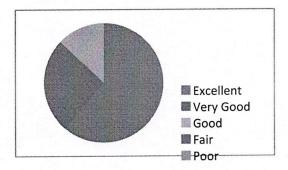
5. Duration of the program



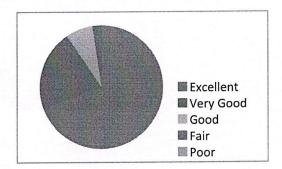
6. Possibilities of implementation of new ideas and information



7. Evaluation of resource person [Dr. Chandan Roy]



8. Evaluation of resource person [Dr. Chandan Surabhi Das]



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