

Government of the People's Republic of Bangladesh Ministry of Water Resources Bangladesh Delta Plan 2100, Formulation Project

General User Manual

February, 2025



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1.1 Introduction

The Bangladesh Delta Plan 2100 Formulation Project is led by the General Economics Division of the Bangladesh Planning Commission and was launched in August 2014 supported by the Government of the Netherlands. Delta Plan 2100 is a long-term, holistic and integrated plan for the Bangladesh delta. Long-term is considering goals for the next fifty to one-hundred years. Holistic is bringing together strategies for the country as a whole. Integrated is considering the needs of all water-related sectors in a single plan. The formulation of the Bangladesh Delta Plan 2100 draws on experience from the Delta Plan formulation process in the Netherlands. The Delta Plan formulates Strategies both on the national level and on the level of Hotspots. Strategies form coherent sets of measures to achieve the Delta Vision and are tested against developed Scenarios for robustness in a changing Bangladesh.

Bangladesh is the largest delta of the world. Its rivers and floodplains support life, livelihoods and economy. Over 160 million people live in an area of about 147 570 square kilometers. The country is defined by the delta, with almost a third of the country lying less than five meters above sea level.

The Bangladesh Delta Plan 2100 enables the Bangladesh government to integrate shortterm, medium-term and long-term planning and takes into account the effect of delta management on all sectors, empowering Bangladesh to make optimal, efficient use of limited resources. It enables the Bangladesh government to integrate climate change adaptation and plan for a future delta that ensures water safety, food security and economic growth. By employing adaptive delta management, Bangladesh becomes able to conduct robust planning in the context of a rapidly changing environment.

A comprehensive database system and a knowledge portal is required to support the planners in participatory and interactive planning process for ensuring adaptive management of Bangladesh Delta. The overall objective of the knowledge portal is to develop a common and inclusive database on water, land and related natural resources as well as collected and generated knowledgebase information in support of the preparation, implementation and dissemination of the Bangladesh Delta Plan.

1.2 Components

The knowledge portal consists of some major components. They are as follows:

- 1. Home
- 2. About Us
- 3. Documents
- 4. Tools and Data
- 5. News and Events
- 6. Conference

- 7. Training
- 8. Gallery
- 9. Contact & Feedback
- 10. Login
- 11. Manual

1.2.1 Home

This page contains an overview of the Knowledge Portal. The user can also navigate to other components from this page.



Figure 1.2.1 Home

1.2.2 About Us

This page contains an overview of the information of Knowledge Portal. The user can also navigate to information about the organizations. The About Us consists of two sub menu. They are as follows:

1.2.2.1 Bangladesh Delta Plan 2100

This page contains an overview of the information of Bangladesh Delta Plan 2100.

Overview	of BDP	2100

Bangladesh faces substantial downside risks from the interface of its detaic geographical configuration, high population density, and regular episodes of a range of natural disasters including flooding, river bank erosion, sea level rise, salinity intrusion, tidal surge, cyclones and water-logging. Moreover, dry season water shortage and wet season water surpluses; vulnerability from being a lower nparian to much of the river inflows are important characteristics. In addition, the growing water demand from rapid urbanization and industrialization, rapid depletion of groundwater owing to over-exploitation in many areas; arsenic poisoning of ground water; and a range of water quality issues emerging from industrialization and urbanization all combine to make the effective management of the Detta challenge a major driver of national development. In view of the special long-term challenges for development to ducomes presented by climate change and natural hazards, the Government of Bangladesh has adopted a long-term integrated tecno-economic plan Bangladesh Detta Plan 2100' (BDP2100) which was approved at the National Economic Council (NEC) meeting, presided over by the Hon'ble Prime Minister and Chairperson of the NEC, on 4 September 2018.

BDP 2100 seeks to integrate the short to medium term aspirations of Bangladesh to achieve upper middle income (UMIC) status and eliminate extreme poverly by FY2031 and developed country status by 2041 with the longer-term challenge of sustainable management of water, ecology, environment and land resources in the context of their interaction with natural disasters and climate change. The BDP2100 looks primarily at the medium-term delta agenda (2016-40) but is concerned that the decisions taken today have implications for the longer-term agend for 2040 and beyond. In this regard, it sets up a long-term vision for the evolution of the Bangladesh Delta by the end of the 21st Century but defines short and medium-term goals as steps to reach that vision. These goals, associated strategies, policies, institutions and investments are moving targets and adaptive in nature. They are adaptive to changing natural events in order to respond appropriately and stay the course to the path of the long-term Delta vision. 4 September 2018.

BDP 2100 Vision, Mission and Goals:

A long-term delta vision and mission were adopted in BDP 2100 alongwith three higher-level national goals and six Delta specific goals focusing on water, ecology and land use that contribute to achieving these higher-level goals to realize the mission and translate the vision into reality.

Vision: Achieving safe, climate resilient and prosperous Delta

Mission: Ensure long term water and food security, economic growth and environmental sustainability while effectively reducing vulnerability to natural disasters and building resilience to climate change and other delta challenges issues through robust, adaptive and integrated strategies, and equitable water governance.

Higher level National goals:

Goal 1: Eliminate extreme poverty by 2030;

- Goal 2: Achieve upper middle-income status by 2030, and
- Goal 3: Being a prosperous country beyond 2041.

BDP 2100 Delta specific goals:

- Goal 1: Ensure safety from floods and climate change related disasters;
- Goal 2: Enhance water security and efficiency of water usages;
- Goal 3: Ensure sustainable and integrated river systems and estuaries management;
- Goal 4: Conserve and preserve wetlands and ecosystems and promote their wise use;

Goal 5: Develop effective institutions and equitable governance for in-country and transboundary water resources management; and

BDP2100 Strategies

Furthermore, BDP has provided nation-wide strategies on i) Flood Risk and ii) Freshwater Management. It has also provided strategies for a total of 9 thematic areas:

i) Water Supply Sanitation and Waste Management; iii) Transboundary Water Management; iii) Dynamizing Inland Water Transport System; iv) Agriculture, Food Security, Nutrition and Livelihood; v) Sustainable Land Use and Spatial Planning; vi) Environment, Ecology and Bio-Diversity; viii) Advancing the Blue Economy; viii) Renewable Energy and ix) Earthquake.

BDP 2100 has also devised strategies for six hotspots (the planning unit of BDP 2100):

i) Coastal Zone, ii) Barind and Drought Prone Areas, iii) Haor and Flash Flood Areas, iv) Chattogram Hill Tracts, v) River Systems and Estuaries and vi) Urban Areas.

The formulation of BDP2100 and its implementation is a complicated process, as a holistic approach is being applied to a complex delta with long-term time horizon and its execution. Adaptive Delta Management basically means managing uncertainty and risks, being prepared to some extent, able to adapt as and when required and when better solutions are available. In this respect, BDP2100 requires changing the usual planning and decision-making process impacting the delta and related governance and institutional environment.

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Developed By CEGIS

Figure 1.2.2.1 Bangladesh Delta Plan 2100

1.2.2.2 SIBDP Projects

The SIBDP Projects consists of seven sub menus. They are as follows:

a) SIBDP Overview

This page contains an overview of the information of SIBDP Projects.

SIBDP Overview	
The Support to Implementation of Bangladesh Delta Plan 2100 (SIBDP 210 institutional setup of SIBDP i) ensure capacity building of relevant partners i, Division (GED) has undertaken the project titled Support to Implementation ergaged to support GED and facilitate its implementation task. TwynstraG Modelling (IWIA), and Center Environmental and Geographic Information Serv SIBDP 2100 addresses five implementation capacities in order to achieve necessary for achieving overall delta vision and goals. These five capacities is	0) project began from October 2018, intending to support the implementation of the Bangladesh Deta Plan 2100 (BDP 2100). The main tasks of the SIBDP 2100 project are: i) establishment of necessary i) project began from October 2018, intending to support the implementation of the Bangladesh Deta Plan 2100 (BDP 2100). The main tasks of the SIBDP 2100 project are: i) establishment of necessary if Bangladesh Deta Plan 2100. The Government of the Kingdom of the Netherlands has committed to providing technical as well as financial support. A team of consultants of the SIBDP Consortium has been dide leads the consortium with other technical assistance partners: Detares, Euroconsult Mott MacDonald, Climate Adaptation Services (CAS), Wageningen University and Research, Institute of Water ices (CEGIS).
	BDP 2100 Deta Vision, Morion and Colus and Colus an

Figure 1.2.2.2 SIBDP Overview

b) Delta Governing Council (DGC)

This page contains an overview of the information of Delta Governing Council (DGC).

BDP 2100 MARKHEELBRAKETOR Bangladesh Delta Plan 2100	
Home About Us * Documents * Tools and Data * News and Events * Conference * Training * Gallery * Contact & Feedback * Login	Manual
Delta Governing Council (DGC)	
According to the provision of BDP 2100, Delta Governing Council (DGC), a high-level ministerial policy-making forum chaired by the Honble Prime Minister Analaready been set up, and gazette notification has been issued. The Honble Minister, Ministry of Planning, is the Vice Chairman of DGC. The respective Honble Ministers, Ministry of Agriculture; Ministry of Finance; Ministry of Food; Ministry of Environment, Forest and Climate Change; and Ministry of Land are the members of DGC. In addition, the respective Honble Ministers/State Ministry of Fisheries and Livestock; Ministry of Shipping; Ministry of Winistry of Disaster Management and Relief are members of DGC. Also a Member from General Economics Division, Bangladesh Planning Commission is the Member Secretary of DGC.	
a. The Scope of Work of the Delta Governing Council is as follows:	
 Implement the 'Bangladesh Delta Plan 2100' through policy making, decision making, strategic advice and direction 	
 Provide guidance in updating the 'Bangladesh Delta Plan 2100' 	
 Implement the 'Bangladesh Delta Plan 2100' Investment Planning through policy making and strategic direction 	
 Provide strategic direction to setup the Delta Fund as well as in using the fund 	
b. The council will organize at least one meeting every year	
c. The council can co-opt a new member, if required	
d. The General Economics Division of Bangladesh Planning Commission will provide secretarial assistance to the council	
Convright © 2022 General Economics Division (GED). Bangladesh Planning Commission All dolts researed	Developed By CEGIS

Figure 1.2.2.3 Delta Governing Council (DGC)

Developed By CEGIS

c) Guiding and Advisory Committees

This page contains an overview of the information of Guiding and Advisory Committees.

Guiding and Advisory Committees				
Project Steering Committee (PSC): An inter-ministerial Project Steering Committee (PSC) has been established to review the overall progress of SIBDP 2100 project and provide policy guidelines to the project. It will also extend technical support to the DGC. According to the Composition of PSC, the Senior Secretary/Secretary of Planning Division is the Chairperson. The composition of the Provide Steering Committee is as follows:				
1	Senior Secretary/Secretary, Planning Division	Chairperson		
11	Chief, GED, Bangladesh Planning Commission	Member		
ш	Wing Chief (International Economics), GED, Bangladesh Planning Commission	Member		
IV	Joint Chief (Irrigation), Agriculture, Water Resources and Rural Institution Division, Bangladesh Planning Commission	Member		
v	Deputy Chief (International Economics), GED, Bangladesh Planning Commission	Member		
VI	Deputy Chief (Planning), Planning Division	Member		
VII	Representative, Europe Wing, ERD	Member		
VIII	Representative, Planning Division	Member		
IX	Representative, IMED, Ministry of Planning	Member		
x	Representative, Ministry of Agriculture	Member		
XI	Representative, Finance Division	Member		
XII	Representative, Programming Division	Member		
XIII	Representative, Ministry of Water Resources	Member		
XIV	Representative, Ministry of Land	Member		
xv	Representative, Ministry of Environment, Forest and Climate Change	Member		

Figure 1.2.2.4 Guiding and Advisory Committees

d) Project Management Unit (PMU)

This page contains an overview of the information of Project Management Unit (PMU) .

BDP 2100 Bangladesh	dge Portal Delta Plan 2100	0
Home About Us • Documents • Tools and Data • News and E	vents * Conference * Training * Gallery * Contact & Feedback *	Login Manual
Project Management Unit (PMU)		
A Project Management Unit (PMU) under the Detta Wing of GED is currently of PMU. For ensuring effective project implementation and coordination, the PM consultants will also take regular guidance from the Detta Governance Council	oordinating the implementation of the project. The Project Director (PD) of this unit has IU and consultants will regularly report on the implementation progress to the PIC an [DGC] and the Inter-Governmental Committee (IGC).	been appointed by GED, who is currently leading the PMU A team of consultants is presently assisting the d EKN. Besides, the PSC will receive occasional reports on the implementation progress. The PMU and EXN. Desides, the PSC will receive occasional reports on the implementation progress. The PMU and the team of the team of the team of the team of team
Mohammad Anwar Uddin Additional Secretary (Attached) and Project Director SIBDP 2100 Project Email: w.cdetawing.ged@gmail.com Phone: 01745821559	Mohammad Asaduzzaman Sarker Deputy Chief and Deputy Project Director SIBDP 2100 Project Email: sarker_05@gahoo.com Phone: 01911499060	Mohammad Nazmul Haque Bhuiyan Senior Assistant Chief and Assistant Project Director SIBDP 2100 Project Email: nhissumon@gmail.com Phone: 01778755580
Muhammad Musfaqur Rahman Accounts Officer SIBDP 2100 Project Email: musfaqur1000@gmail.com Phone: +8801921636684	Farhana Rahman Administrative Officer SIBDP 2100 Project Email: rahmanfarhana55@gmail.com Phone: +8801716306400	Md. Mahedi Hasan Program Assistant SIBDP 2100 Project Email: mahedi.bdp2100.ged@gmail.com Phone: +8801685556102
Maruf Ahmed Program Assistant SIBDP 2100 Project Email: hmedmarufmahi@gmail.com Phone: +8801911121103	Md. Anik Ahmed Pathan Program Assistant SiBDP 2100 Project Email: anikss32@gmail.com Phone: +8801909510651	
Program Assistant SIBDP 2100 Project Email: Inmearufmahi@gmail.com Phone: +8801911121103	Program Assistant SIBDP 2100 Project Email: anikss323@gmail.com Phone: +8801909510651	

Total Visitors:

Figure 1.2.2.5 Project Management Unit (PMU)

e) Implementing Ministries/Agencies

This page contains an overview of the information of Implementing Ministries/Agencies .

	BDP 2100 BARGADESHOEDERFANCING	tal 100	
Home	About Us • Documents • Tools and Data • News and Events • Conferen	κe • Training • Gallery • Contact & Feedback + Login	Manual
Implem	nenting Ministries/Agencies		
SI.	Delta Ministries	Agencies	
1	Ministry of Chittagong Hill Tracts Affairs	Reginal Council	
		CHT Development Board	
		Refugee Rehabilitation Task Force	
		Rangamati Hill District Council	
		Bandarban Hill District Council	
		Khagrachari Hill District Council	
2	Ministry of Primary and Mass Education	Directorate of Primary Education	
		Bureau of Non-Formal Education	
		National Academy for Primary Education	
		Compulsory Primary Education Implementation Monitoring Unit	
		Shishu Kollan Trust	
3	Ministry of Agriculture	Department of Agricultural Extension (DAE)	

Figure 1.2.2.6 Implementing Ministries/Agencies

f) Technical Assistance Partners

This page contains an overview of the information of Technical Assistance Partners.



Figure 1.2.2.7 Technical Assistance Partners

g) Stakeholder Consultation Workshop

This page contains an overview of the information of the Stakeholder Consultation Workshop.

BD	P 2100	Knowledg	e Portal ta Plan 2100					
me About Us	 Documents 	Tools and Data 🔫	News and Events -	Conference - Training		Contact & Feedback 🝷	Login	Manu
Stakeholder	Consultation Wor	kshop						
Building cap decision-mal SIBDP proje stakeholder 2100, so as knowledge, s	acity of the GED an kers and stakeholde ct. The SIBDP TA consultation workshi to materialize the visi kills, commitment, e	d other ministries, divisio rrs on Bangladesh Delta team facilitated these v ops is to generate impro- sion of building a develop anabling institutional arra	ns, and agencies on issu Plan 2100, as well as to vorkshop programs prov ved understanding of the bed country. It is also mea orgement, well defined pla	es pertaining to the implement achieve the expected output iding technical support in or senior officials of the Banglad ant to create consciousness a ns, projects and programs, ar	ntation of BDP 2100 ts and outcomes. S der to realize satis lesh Government at among the senior off nd efficient and effec	is crucial in order to create everal workshops on differ factory outcomes of the p pout significance of having ficials about the importance tive relationships with stak	e awareness of mid-level a rent issues have been cor programs. The main objet an adaptive and strategic e of having sustained capa eholders at all levels.	and local level nducted under ctive of these plan like BDP acity, including
Workshop or	1 'Implementing Ban	gladesh Delta Plan 2100	BWDB's Challenges and	d Way Forward':				
Bangabandh BWDB's Cha Committee, a	u Prokousholi Paris Illenges and Way Fo and Vice-Chancellor	had, Bangladesh Water orward' on Wednesday, t , Dhaka University of Eng	Development Board (BW he 27th of October 2021 jineering and Technology	DB) organized a day-long wa at Pani Bhaban, Dhaka-1205 (DUET), Gazipur, presided or	orkshop supported 5. Prof. Md. Habibur ver the workshop.	by SIBDP 2100 titled 'Impl Rahman, President, Bang	ementing Bangladesh Del abandhu Prokousholi Pari	lta Plan 2100: ishad, Central
Mr. Zaheed Bangladesh Parishad, Ce virtually conn	Farooque, MP, Hon Awami League and entral Committee, an ected during the wo	ble State Minister, Minis d Former President IEB nd Vice President (HRD) orkshop.	try of Water Resources (; Engineer Fazlur Rashi , IEB were present as th	MoWR), graced the occasion d, Director General, BWDB; le special guests during the o	a as Chief Guest. E Freedom Fighter event. Mr. AKM En:	ngineer Md. Abdus Sabur, Md. Nuruzzaman, Genera amul Hoque Shameem, Mi	Secretary for Science and I Secretary, Bangabandhu P, Hon'ble Deputy Ministe	d Technology, u Prokousholi r, MoWR was
Dr. Md. Miza achieving the 2100), facilita	nur Rahman, Additi a goals of BDP 210 ated a brief discussio	ional Director General (F 0. Following the keynote on on BDP Investment Pl	lanning, Design and Res presentation, Mr. Giasu an (IP) rationalized progr	earch), BWDB, provided the ddin Ahmed Choudhury, Dep ams and projects.	keynote presentatio uty Team Leader, S	on on BDP 2100 Implementation of the second se	ntation and BWDB's challe of Bangladesh Delta Plan	enges towards 2100 (SIBDP
In addition, a	bout 200 water rela	ted professionals from N	loWR and various depart	ments, agencies, professiona	l institutions, such a	as IEB, BWDB, WARPO, JI	RC, CEGIS, IWM, SIBDP	and also from

Figure 1.2.2.8 Stakeholder Consultation Workshop

1.2.3 Documents

This page contains all the reports and documents about the Delta Plan 2100. The user can also navigate and download from this menu. The BDP Documents consists of four sub menu. They are as follows:

1.2.3.1 BDP 2100 Published Documents:

This page contains report of BDP 2100 Published Documents.



Figure 1.2.3.1 BDP 2100 Published Documents

1.2.3.2 SIBDP Project Documents This page contains report of SIBDP Project Documents.



Figure 1.2.3.2 SIBDP Project Documents

1.2.4 BDP Tools and Data

1.2.4.1 Map Viewer:

This is the main component of the portal. This tool has been designed to display spatial and attributes data. Zoom in, zoom out, pan, super imposed and other standard facilities of spatial data viewer has been incorporated into the tool. The Map Explorer also provides facilities to view identity and attribute information of the spatial data layers. The Map Explorer interface contains three separate panels: Left Panel, Middle Panel and Right Panel.



Figure 1.2.4.1 Map Viewer

1.2.4.2 Left Panel, Middle Panel and Right Panel

This panel contains tree of Map Layers and Legend Table 1.1: Map Data

Data Group	Data layer			
	Coastal Area	Regional Road		
	District Head Quarter	Zilla Road		
Basic Data	District	Upazilla Boundary		
	Division	BIWTA Route		
	International Boundary	Coastal Line		
	GBM Basin	Coastline 1973-2010		
	Embankment	Channel Jamuna		
	Hydrological Region	Drainage Map		
	Polder Boundary	Waterbodies 2010		
	Soil Salinity 2009	Bankline 2014		
	Arsenic	Flood Regime Land Type		
	BWDB Project	Rennels River System		
Water Resources	Catchment	River Flood Return Period		
	Transboundary Catchment	Ground Water Zone		
	Char Land	Coastline 2010		
	Haor Boundary Type	LGED Project		
	Haor Boundary	GBM Basin		
	Irrigation Demand			
	Seismic Zone	Hazard Indics Map		
	Cyclone Risk Area	SRDI Drought		
Disaster Management	Flood Prone Area	Drought Map Kharif 1		
	Hazard Area	Drought Map Kharif 2		
	Flood Zone	Rabi Drought		
	Erosion Accretion	Dhaka Landuse 2010		
Spatial Planning and Landuse	Hotspot	General Landuse		
	Physiographic	Crop Suitability		
	Crop Area			
Environmental Management	Forest Type	Bio-ecological Zone		
	Sundarban Forest Landuse	Eco - system		
Food Security	Food Demand			
Economic Finance	Poverty 2010	Electricity		
	Income			

1.2.4.3 Map Layers

The data available in the database are categorized into different data groups for better management. Each data group contains several data layers. The Spatial Layers Tree contains different data groups as parent nodes and corresponding data layers as child nodes. Table 1.1 shows data groups and corresponding data layers used in the system.

≡ Map Layers
Water Resources
Disaster Management
Spatial Planning and Landuse
□ Hotspot i
Crop (Boro) Suitability i
🗆 Physiographic 🥫
🗆 Crop Area 🥫
Erosion Accretion
□ Land Use i
🗆 Dhaka Land Use 🧻
Environmental Management
Food Security
Economic & Finance

Figure 1.2.4.2 Spatial Layers Tree

In order to view spatial data, select Data Layers from the Spatial Layers Tree as follows:

- a) Expand a Data Group such as Water Resources node from the Spatial Layers Tree.
- b) Select a Data layer such as "Crop Suitability" by clicking the corresponding checkbox.
- c) Data (Crop Suitability) will be displayed map in the Middle Panel.

Legend

Legend is information about map which describes the information about the attribute of the data.

Leg	end
Crop	Suitability
	/ery Suitable
1	Suitable
P	Moderately Suitable
	Marginally Suitable
	Not Suitable

Figure 1.2.4.3 Legend

1.2.4.4 Metadata Viewer

Metadata is information about data which describes the content, quality, condition, and other appropriate characteristics of data. Metadata Viewer helps to display metadata of each data layer. This shows the metadata of the layer

OverView :	
Title	Sundarban Forest Landuse
Abstract	The Sundarbans Reserved Forest (SRF) is the largest single forest resource in the country, covering approximately 6 000 sqkm of mangroves .This data layer contains different types of vegetation, species, block number of Sundarbans Reserved Forest.
General :	
Title	Sundarban Forest Landuse
Purpose of Production	It will help too promote and implement a system of biodiversity conservation and sustainable management of forest.
Completeness	The data layer covers sundarban forest area of Bangladesh identified by DoFo.
Quality	Quality of this data layer depends on the data collection process of the source organization.
History of the Dataset	Source of the dataset was produced by Department of Forest. Data was derived from 1:50,000 SPOT satellite imagery, 1989. Amended by using 1:15000 air photography flown by QASco Ltd., 1995 under the Forest Resources Management Project of Bangladesh Forest
Process Description	Data has been collected from Department of Forest into digital format and stored this data layer as it was collected from the Forestry Department.
Type of Dataset	Shapefile
Dataset Language	English
Additional Information Source for the	

Figure 1.2.4.4 Metadata Viewer

In order to view Metadata, click on Metadata icon menu, then select metadata from the new window as Metadata (Sundarban Forest Landuse) will be displayed in the new window.

1.2.4.5 Climate Atlas:

In Climate Atlas shows in this menu and available in the portal. The Climate Atlas (Figure 1.2.4.5) contains writeup and interface in this menu.



Figure 1.2.4.5 Climate Atlas

1.2.4.6 Meta Model

In Meta Model shows in this menu and available in the portal. The Meta Model (Figure 1.2.4.6) contains writeup and interface in this menu.

Step 1. Select region: North West	\sim		Step 2. Select	project(s):	Multiple selection	ons	\sim
			Step 3. Chang	e scenario:	Multiple selection	ons	\sim
Name Indicator	Base 2020 Value	% diff	chalanbeelNew Value	_Option1 2020 % diff	chalanbeelNew_0 Value	Option12com 2020 % diff	
① 01: Rice production (tonnes/year)	10,089,392	0.0	10,827,887	7.3	11,052,924	9.5	
 02: Damage due to river and rainfall floods (crore BDT/year) 	19,591	0.0	14,411	-26.4	10,269	-47.6	
03: Food security for the poor (Kcal/day/person)	-1	0.0	1	-204.8	1	-204.8	
 05: Poor population affected by river and rainfall floods (Persons/year) 	1,993,094	0.0	1,681,646	-15.6	1,170,494	-41.3	
10: River flood extent (ha/year)	299,074	0.0	188,207	-37.1	195,977	-34.5	
11: Flood duration (days/year)	26	0.0	22	-15.8	21	-19.9	
12: Extreme river flood extent (ha/year)	794,784	0.0	771,951	-2.9	786,551	-1.0	
 13: Waterlogged area (ha/year) 	584,113	0.0	378,312	-35.2	285,091	-51.2	
∃ 14: Dry season river flow (m3/s)	968	0.0	1,180	21.9	1,180	21.9	
15: Sustainable groundwater use (cm/year)	-22	0.0	-10	-55.6	-12	-44.1	
The results presented here are draft results from Bangladesh Metam subject to change according latest insights and continuous improve information about the BangladeMetamodel contact LVM or CFR05	odel runs v1.0 and a ments. For more r visit icobd.nl	re Te		<mark>⊠ C≋G</mark>		SENINGEN Delta	ires

Figure 1.2.4.6 Meta Model

1.2.4.7 Urban Resilience

In Urban Resilience shows in this menu and available in the portal. The Urban Resilience (Figure 1.2.4.7) contains writeup and interface in this menu.



Figure 1.2.4.7 Urban Resilience

1.2.4.8 Blue Gold Wiki

In Blue Gold Wiki shows in this menu and available in the portal. The Blue Gold Wiki (Figure 1.2.4.8) contains writeup and interface in this menu.

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ne Ab	out Us * Documents * Tools and Data * News and Events * Conference * Training * Gallery * Contact & Feedback * Login	М
	Blue Gold Wiki :: Blue Gold Program 2013-2021	
	The wiki version of the Lessons Learnt Report of the Blue Gold Program, documents the experiences of a technical assistance (TA) team working in a development project implemented by the Bangladesh Water Development Board (BWDB) and the Department of Agricultural Extension (DAE) over an eight+ year period from March 2013 to December 2021. Blue Gold has rehabilitated and improved the main water infrastructure in 22 coastal polders in south-west Bangladesh and built the capacity of Water Management Groups (WMGs) and Water Management Associations (WMAs) to be the drivers of economic development in the polders – through organisational management, adoption of modern crop technologies and the importance of crop selection, collective purchase of inputs and sales of produce to maximise profitability.	
	The wiki lessons learnt report (LLR) is intended to complement the BWDB and DAE project completion reports (PCRs), by recording lessons learnt for use in the design and implementation of future interventions in the coastal zone. The aim of this report is to review and analyse approaches and methodologies used in the delivery of Blue Gold, how and why they evolved over the lifetime of Blue Gold with reasons for the adaptations and adjustments that were introduced and an explanation for the timing of the intervention.	
	Whilst Blue Gold will end in December 2021, much of the lessons learnt report will have been written in 2020 and early 2021 while the principal contributors in the TA team remained in place. But the completion of some sections of the report will only be possible when, for example, final payments have been made for water infrastructure contracts at end-June 2021, and findings are available from impact surveys conducted in 2021. DAE's involvement as a stakeholder partner finished at end-December 2020, whilst BWDB's involvement continued to end-December 2021.	
	Meanwhile, in order to pass on the knowledge and experience gained from the implementation of Blue Gold to planners and policy makers working towards the realisation of the Delta Plan, and to those responsible for the design and implementation of future projects in the coastal zone, the report is published in mid-2021 in a partially-complete form. Those sections of the report which are either incomplete or missing will be marked accordingly in the draft report, and then finalized before end-December 2021.	
	In particular, this wiki provides digital versions of documents prepared by the project team, by other organisations through the Innovation Fund and the many valuable references (policy documents, legislation etc) that have provided direction to Blue Gold. The documents have been organised in categories (see File Library ::: Accessible online: Click here) to aid searches. Although the wiki report is in English, many documents were prepared in Bangla for use in training of Blue Gold communities and are also available in the File Library.	

1.2.4.9 Erosion Monitoring

In Erosion Monitoring shows in this menu and available in the portal. The Erosion Monitoring (Figure 1.2.4.9) contains map analysis interface in a new window.



Figure 1.2.4.9 Erosion Monitoring

1.2.5 News and Events

News details show in this menu and available in the portal. The News details contains writeup and pictures in this menu.

1.2.5.1 News





1.2.5.2 News Details

News Details



First Meeting of the Panel of Economists for the preparation of 9th Five Year Plan (9FYP) was held at NEC Conference Room, Bangladesh Planning Commission on 26 May 2024 under the chairmanship of renowned economist Professor Dr. Wahiduddin Mahmud. Prominent economists, academia, researchers, representatives of public and private sectors, civil society organizations, and other stakeholders also attend the meeting.

Figure 1.2.5.2 News Details

×

1.2.5.3 Events List

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Events		
tet getember 13, 2024	test getember 06, 2024	



1.2.5.4 Event Details



Figure 1.2.5.4 Event Details

1.2.6 Conference

Conference details shows in this menu and available in the portal. The Conference details (Figure 1.2.6) contains writeup and pictures in this menu.

International Conference 2022

Bangladesh is the first country in the world to develop a comprehensive 100-year plan for its entire Delta. The plan gives a vision of 'Achieving safe, climate-resilient and prosperous delta for the desired future spanning up to 2100'. The intended mission of the plan is to 'Ensure long-term water and food security, economic growth, and environmental sustainability, while effectively coping with natural disasters, climate change, and other delta issues through robust, adaptive, and integrated strategies and equitable water governance.

The 1st "International Conference on the Bangladesh Delta Plan 2100: Issues and Challenges of Implementation" took place on 26-27 May 2022 in Dhaka including a series of side events and sessions. The conference was organized under the auspices of the Delta Governing Council (DGC), organized by General Economics Division (GED), Ministry of Planning (MoP) with support from the Embassy of the Kingdome of The Netherlands (EKN), the World Bank (WB), Japan International Cooperation Agency (JICA) and Japan Embassy Bangladesh, European Union (EU) and the Food and Agricultural Organization (FAO) Bangladesh. This 2-day Conference addressed the implementation issues for overcoming the huge challenges of implementing BDP 2100 to contribute to enhancing knowledge and understanding of Climate Change Adaptation in practice. The objectives of the 1st International Conference on the Bangladesh Delta Plan 2100 are:

to promote discussion on Bangladesh's Delta Plan implementation challenges,
 to align and foster possible actions for proper implementation of the Delta Plan,

• to connect the relevant national and international communities (ministers, members of parliament, policy-makers, representatives of Governments, professionals, academics, businesses, youths, development partners, and other stakeholders) in the implementation of Bangladesh Delta Plan 2100 (BDP2100) implementation.

H.E. Sheikh Hasina, MP, the Hon'ble Prime Minister, Government of the People's Republic of Bangladesh graced the Inaugural session virtually from the Gono Bhaban. Discussions included Bangladesh's Delta Plan 2100 implementation challenges, alignment, and fostering possible actions for ensuring proper implementation of the Delta Plan. A number of side events, as well as sessions, have been organized at this conference. Such as

Plenary session on Institutional challenges and opportunities with international experiences
 breakout sessions on Coastal Zone, River Systems, Urban Areas, and Agriculture Transformation

· side events on Valuing Water and Youth Panel Dialogue

Round Table Discussion on improving and accelerating BDP2100 Implementation and
 concluding session apart from an inaugural session.

(see BDP Conference 2022 :: Accessible online: Proceedings of the 1st Bangladesh Delta Plan 2100 International Conference: Issues and Challenges of

The conference was a hybrid event attended by 650 people physically and 500 participants connected online. Some photographs of the conference are given below

International Conference 2024

Background & Relation:

World Ocean Day declared by the United Nations is celebrated worldwide as an 'international day' on June 8 every year. The theme is of this year is-"Awaken New Depths: Catalyzing Action for our Ocean and Climate". Blue Economy, which has added a new dimension to the economic development of Bangladesh. Especially in 2012 and 2014, the establishment of Bangladesh's sovereign rights over 118 thousand 813 square kilometers of the Bay of Bengal through the settlement of maritime disputes with neighboring countries Myanmar and India has opened a new door of possibilities. The Government of Bangladesh is adopting and implementing a Centenary Master Plan titled 'Bangladesh Delta Plan 2100' to ensure long-term water and food security, sustainable economic growth and environmental stability by addressing natural disasters, climate change impacts and other issues related to the delta. Source to Sea (S2S) Approach has been adopted in the Bangladesh Delta Plan, which extends from the Himalayan glaciers to the sea. Delta Plan 2100 covers a significant part of the Blue Economy. In view of this, the celebration of World Ocean Day for the first time in the country is in perfect harmony with the goals and strategies of Bangladesh Delta Plan 2100.

Conference (date, time & venue):

On the occasion of World Ocean Day, Bangladesh Planning Commission organized an international conference on 03 July, 2024 at Bangabandhu International Conference Center under the management of General Economics Department and in collaboration with Asian Development Bank (ADB). The Conference on World Ocean Day titled "Ocean Prosperity: Catalyzing Blue Economy in Bangladesh" took place on 3 July, 2024 at Bangabandhu International Conference Center (BICC) in Dhaka, Bangladesh.

Chief Guest & Other Guests:

Dr. Shirin Sharmin Chaudhury, MP, Honorable Speaker, Bangladesh National Parliament graced the inaugural session as Chief Guest. Major General Abdus Salam, rcds, psc (retd), MP, Honorable Minister, Ministry of Planning and Md. Shahiduzzaman Sarker, MP, Honorable Minister of State, Ministry of Planning were the Special Guests. Mr. Yingming Yang, Vice President, Asian Development Bank (ADB) and Md. Mahbub Hossain, Cabinet Secretary, Cabinet Division were present as the Guest of Honor. Dr. Md. Kawser Ahmed, Member (Secretary), General Economics Division (GED) chaired the session and Dr. Edimon Ginting, Country Director, Asian Development Bank (ADB) gave the Vote of Thanks.

After the inaugural session, the conference had one plenary session, six thematic sessions and one youth session where as the chief guests, Hon'ble Ministers of the Cabinet respectively Hon'ble Minister of Foreign Affairs, Hon'ble Minister of Education and Economic Adviser to the Honorable Prime Minister and among the Ministers of State, Hon'ble Minister of State of Fisheries and Livestock, Hon'ble Minister of State of Power, Energy and Mineral Resource and Hon'ble Minister of State of Shipping participated.

Figure 1.2.6.1 International Conference 2022 / 2024

1.2.7 Training

Training tab shows in this menu and available in the portal. The Training (Figure 1.2.7) contains list of training and pictures in this menu.

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		Serial No	Training Type Name	Number of Days	Dates	• Venue	Number of Participants	
		1	Meta Model Training	2	2025-01-03 - 2025-01-04	dhaka	23	
		2	ADM Cum Meta Model Training	2	2025-01-02 - 2025-01-03	34dsfh	4	
		Showing 1 to 2 of 2	2 entries				Previous 1 Next	

Figure 1.2.7 Training List

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1.2.8 Gallery(Training & Seminar)

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Figure 1.2.8 1Gallery

1.2.9 Contact & Feedback

Contact details shows in this menu and available in the portal. The Contact details (Figure 1.2.9.1) shows in this menu.

1.2.9.1 Contact

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Contact Information					
General Economics Division Bangladesh Planning Comn Ministry of Planning Government of the People's	nission Republic of Bangladesh				
Delta Wing					
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Y	Deputy Chief				sarker_05@yahoo.com
	Md. Abdullah Al-Mustasim Billah	48116656	161	01712204324	Bhobon-14, Room-21
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	Fatema Zohara			01683241431	fatemaged29@gmail.com
	Deputy Chief (Attached)				
	Bijen Banarjee	48115817	314	01717847220	Bhobon-14, Room-02
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1.2.9.2 Feedback

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Figure 1.2.9.2 Feedback

1.2.10 Login

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Figure 1.2.10. Login

1.2.11 Manual



Figure 1.2.11.1 Manual