

This quarterly newsletter contains short messages, news and announcements, with the objective to share knowledge and experience related to adaptive delta management and the implementation of the Bangladesh Delta Plan. Initiated by Delta Alliance, the Delta Bulletin Editorial team actively cooperates with various projects and programmes and **welcomes contributions**.

In this 2nd bulletin of year 5 you will find messages about various recent events and trainings and news on recent papers.

Thanks to all who contributed to this bulletin!

1. BAMIS PORTAL

DAE in collaboration with BMD provides the Bangladesh Agro-Meteorological Information portal, a dynamic web portal developed under the agro-Meteorological Information Systems Development Project, part of Component C of BWCSR. The agro-meteorological services and other related information are available here for farmers and other users in Bangladesh. For more details, please [click here](#).

2. Delta session in Gobeshona Global Conference, 10 March 2023

CGIAR/IRRI/CIMMYT and WUR organized a session on Asian Mega Deltas during the third annual Gobeshona Global Conference, which had the general theme of monitoring Locally-Led Adaptation (LLA) and resilience organized by the International Centre for Climate Change and Development, virtually from 10th to 16th March 2023. For more details, and to see some selected sessions, please [click here](#).

Key messages from the delta session, which were also shared to the preparation of a session of the UN Water Conference in New York, were:

1. **water is critical in agriculture and food security**; 2. we need an integrated approach at various levels, linking government, knowledge institutions, private sector and civil society; 3. collaboration is essential, eg aligning BDP and ATP; 4. we need to monitor and learn and continuously adjust; 5. we need to strengthen local level water management – and connect them to (inter)national actors.

3. Tropical Cyclone Mocha

The eye of Cyclone Mocha made landfall in Rakhine State on 14 May 2023, bringing heavy rains, flooding, and strong winds across coastal and low-lying areas in Myanmar and Bangladesh. For more details, please [click here](#).

4. SESA

New steps have been set in order to make legislation on Strategic Environmental and Social Assessment (SESA) in Bangladesh. For more information, [click here](#).

5. Bangladesh Country Programme 2024 for GCF

The Economic Relations Division (ERD), in collaboration with the Food and Agriculture Organization (FAO) and the Institute of Water Modelling (IWM), successfully conducted a validation workshop on the Technical Updating of GCF Country Program in Bangladesh on May 22, 2023. For more details, please [click here](#).

6. IWM organized Industrial Training Program for the IUT students

Institute of Water Modelling (IWM) organized a 3-week industrial training program for the civil and environmental engineering students of the Islamic Institute of Technology (IUT), Gazipur at the end of May and early June, 2023.

7. REACH Drinking Water Sustainability Workshop

A National Workshop on "Sustainable Drinking Water Security in Coastal Bangladesh" was held on 08 June 2023. The workshop is jointly organized by Bangladesh University of Engineering and Technology (BUET), the University of Oxford, UNICEF Bangladesh and the Department of Public Health and Engineering (DPHE). It brings together water and environmental professionals, implementing agencies, NGO and I-NGO practitioners, planners, policymakers, and academics to discuss and debate progress and pathways to meeting and sustaining SDG 6.1 in the context of



climate risks, water quality threats, poverty reduction and economic growth.

8. Sustainable Urban Water Cycle:

[Roundtable Discussion](#) on Transitioning to Sustainable Urban Water Cycle in Bangladesh jointly organized by SNV-Daily Star as a part of the EKN subsidised [program of SNV](#) towards improved sanitation, solid waste and drainage water management in 12 cities in Bangladesh.

9. Learning River Heritage:

A group of 49 architectural students and faculty members from local and international universities joined together to document life along the Buriganga riverfront and to understand the urbanity of the occupations that take place in this historic area. The initiative is called '[River Heritage: Learning from Puran Dhaka](#)'.

10. The Future of Jamuna River:

IWFM-BUET organized a workshop on "[Managing the Future of the Brahmaputra-Jamuna River System in Bangladesh](#)" to present their 20 years research on Jamuna river and their opinion on setting the management approach for Jamuna river. The topic is currently a [hot issue](#) on media and reached to the [High Court](#) due to a recent [project](#) jointly planned by the Govt and World Bank. The BWDB confirms the [High court](#) that the river will not be narrowed down.

Recent papers/books

- Linkage Between Social and Hydrological Systems to Support Resilience: A Case of Freshwater Wetland in Bangladesh, by Md Mahfuzul Haque, Nahrin Jannat Hossain, Newazul Moula & Saeid Eslamian ([link](#)).
- Assessing Urban Flooding Extent of the Baunia Khal Watershed in Dhaka, Bangladesh, by Zarin Subah, Sujit Kumar Bala and Jae Hyeon Ryu ([link](#)).
- Microplastics and mesoplastics in surface water, beach sediment, and crude salt from the northern Bay of Bengal, Bangladesh coast, by Kaniz Fatema, Kizar Ahmed Sumon, Sumaya Mahjabin Moon,

Md. Jahangir Alam, Shanur Jahedul Hasan, Md. Helal Uddin, Hisayuki Arakawa & Harunur Rashid ([link](#)).

- Optimization of economic return from water using water-energy-food nexus approach: A case of Karnafuli Basin, Bangladesh, by Mukand S Babel, Mostafizur Rahman, Aakanchya Budhathoki, and Kaushal Chapagain ([link](#)).

Agenda

- The 9th International Conference on Water and Flood Management (ICWFM9) will be held on 14-16th October, 2023. For details visit: <https://icwfm2023.info/>

- Launching of 2nd phase "*Transboundary River for Our Sustainable Advancement (TROSA): River, Rights and Resilience*". The OXFAM has recently completed its first [phase](#). For further information please contact ajrahman@oxfam.org.uk

- [The Dutch Agri Trade Mission](#) to Bangladesh is happening from 20 to 22 June 2023 at Hotel Amari, Gulshan (start at 9 am). It was committed by the Dutch Minister of Foreign Affairs during [the official visit of minister Abdur Razzaque in Netherlands](#).

- Possibly interesting – the 5th Edition of the BANGLADESH WATER EXPO is scheduled on 2nd, 3rd, & 4th November 2023 at the International Convention City Bashundhara (ICCB), Dhaka, Bangladesh. For more details visit: <https://www.bangladeshwaterexpo.biz/>

Subscriptions: Would you like to (un)subscribe to the Delta Bulletin, please email to deltabulletin@gmail.com

Call for contributions: Would you like to contribute to the **Bangladesh Delta Bulletin** – you are most welcome! Please send your contributions to deltabulletin@gmail.com