Living Polders: Dynamic Polder Management for Sustainable Livelihoods, Applied to Bangladesh

Field Visit to Beel Pakhimara: Land Level Monitoring Pole Setup (6th Field Visit)

Conducted during: 18th and 19th March 2018

Institute of Water and Flood management (IWFM)
Bangladesh University of Engineering and Technology (BUET)

General Information

Project Name: Living Polders: Dynamic Polder Management for Sustainable Livelihoods, Applied to Bangladesh

Date of Visit: 18th and 19th March 2018

Visited Places

Beel Pakhimara, Shatkhira (18th and 19th March)

Conducted by

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Locally supervised by

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Introduction

This field visit was aimed to setup sediment deposition monitoring reference points.

Description

18th and 19th March: To do the sediment budget in the Pakimara beel, it is important to monitor the amount of sediment deposition seasonally. To do that, six points were selected inside the beel, measuring points were set up and referenced with PWD datum.

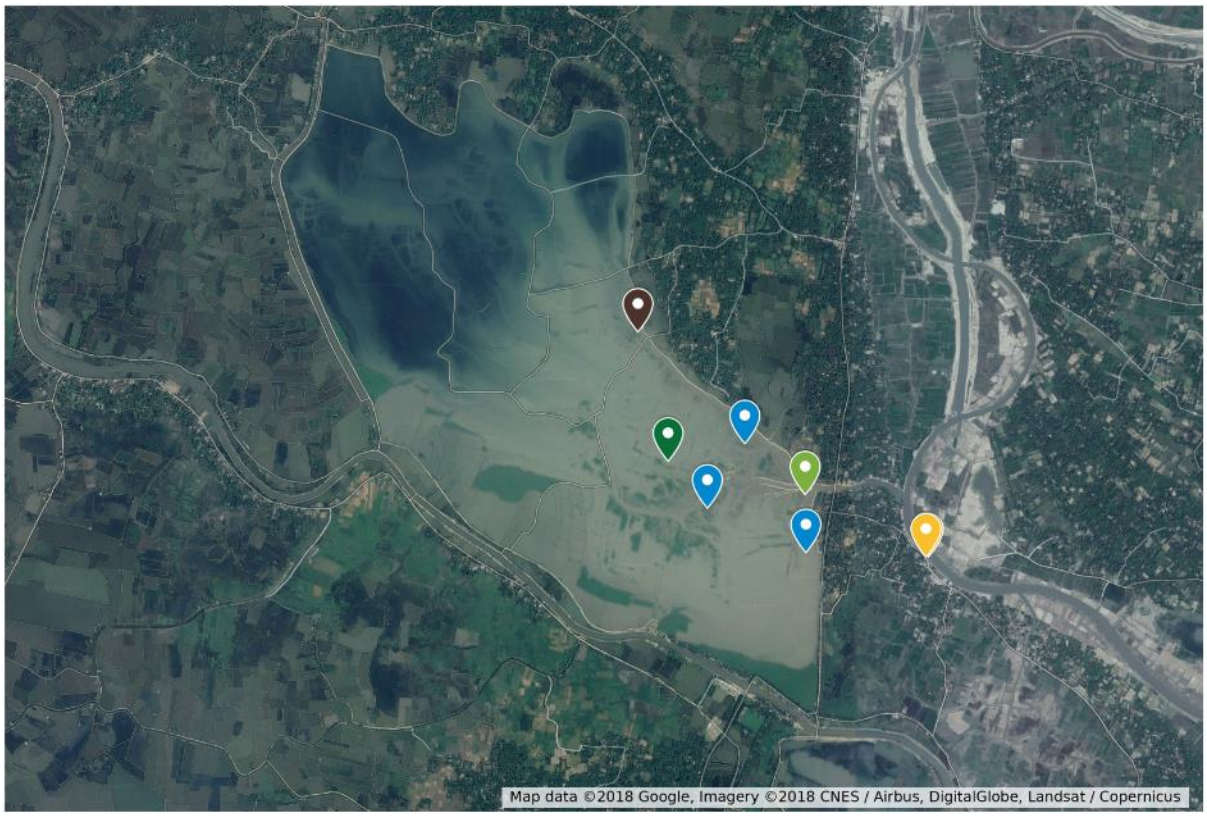

Figure 1: Map of the measuring points (Satellite image courtesy: Google)

Discussion

All the points were selected previously through field observation and discussion with local people. Local survey team of Bangladesh Water Development Board (BWDB), Jashore, helped us on the whole process, from setting up reference benchmark to setting up the level of the poles. We are deeply grateful to Mr. Saidur Rahman, Sub-divisional Engineer, BWDB, Jashore and Mr. Feroz, Section Officer, BWDB, Jashore. Mr. Abdul, Surveyor of BWDB kindly helped us conducting the whole process.

Some pictures were uploaded to the link: https://tinyurl.com/6thvisitLP

Conclusion

All the events have gone through as planned. It is mandatory to check the level of poles seasonally to check the subsidence.

Photos

Image 1: Survey of Bangladesh Benchmark

Image 2: Reference point setup inside the Beel.

Image 3: Reference point setup inside the Beel.

Image 4: Measuring Pole

Image 5: Measuring Pole

Contact List

Name	Address	Number
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