

Title of dissertation			
<b>Co-benefits as an enabler of sustainable adaptation to climate change: the case of Bangladesh</b>			
RONPAKU Fellow			
Name	<b>Syed Mahbubur Rahman</b>		
Position	Assistant Professor	ID No.	R11802
Department	Faculty of Business Administration		
Institution	American International University-Bangladesh (AIUB)	Nationality	Bangladesh
Japanese Advisor			
Name	Akihisa Mori		
Position	Associate Professor	Institution	Kyoto University

## Abstract

Climate change adaptation at the local level is one of the core functions for the adoption of the 2030 Agenda for Sustainable Development. However, the long-term, invisible and unpredictable nature of benefits makes local communities reluctant to practice adaptation. Against this backdrop, this dissertation focuses on co-benefits of adaptation and explores if they can be an enabler of sustainable adaptation through two empirical case studies in Bangladesh.

The dissertation consists of eight (8) chapters. Chapter 1, as an introductory chapter, states background, problems, research gap, main research question, and the structure of the dissertation.

Chapter 2 presents the results of the literature survey on adaptation co-benefits in view of sustainability of adaptation, performance assessment, approaches, and initiative, to provide three working hypotheses.

Chapter 3 discusses the Bangladesh context, and Chapter 4 explains research methodology and data collection method for the empirical case studies in the following chapters.

Chapter 5 and 6 conducted the empirical case studies of Rajshahi, a drought-prone area from the northwestern region, and Barguna, a coastal, flood-prone area in the south, assessing co-benefits of adaptation projects and analyzing changes in recognition of adaptation benefits of local people.

Chapter 7 summarizes the findings to examine the three working hypotheses that are posed in Chapter 2, giving the answer to the main research question, and have implications and recommendations on sustainable adaptation for policymakers.

Chapter 8 concludes the dissertation with few recommendations.

## Photos



Syed Mahbubur Rahman with the certificate  
March, 2021



On the way to the field sight with Prof. Mori  
in the South of Bangladesh in May, 2019