



# Thailand: Strengthening Integrated Water and Flood Management Implementation

Project Name	Strengthening Integrated Water and Flood Management Implementation		
Project Number	46231-001		
Country / Economy	Thailand		
Project Status	Closed		
Project Type / Modality of Assistance	Technical Assistance		
Source of Funding / Amount	TA 8267-THA: Strengthening Integrated Water and Flood Management Implementation and Yom River Basin Study		
	Japan Fund for Prosperous and Resilient Asia and the Pacific		US\$ 1.50 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth		
Drivers of Change	Governance and capacity development Partnerships		
Sector / Subsector	Agriculture, natural resources and rural development / Irrigation		
Gender			
Description	The TA has two components. Under the first component, the TA will support to develop planning and implementation procedures and guidelines for water project assessment, monitoring and evaluation. An IT-based monitoring and evaluation system will also be developed following the guidelines. The second component is the Yom River Basin study. The TA will undertake a range of studies to update existing information and build on earlier stakeholder consultations and institutional development work to prepare a Yom River basin roadmap including application of updated project planning and procedures for water and flood management planning developed by the TA.		
Project Rationale and Linkage to Country/Regional Strategy	During the last quarter of 2011, Thailand experienced its worst flooding since 1942. Almost 14 million people in 65 of Thailand's 77 provinces were affected by flood waters, with widespread damage and loss to homes, factories, businesses, transport and energy infrastructure, social service facilities, and crops and livestock. The Ministry of Finance estimates the total economic damages and losses caused by the floods at approximately \$45 billion. The biggest damages and losses were in the manufacturing sector with a total of \$32 billion. Industry estimates suggest that insured losses may exceed \$10 billion. The Government responded to the 2011 floods with urgent steps to strengthen flood management in the overall context of water resources management. A Master Plan on Water Resource Management has been formulated and adopted by the Cabinet. An emergency decree for the borrowing of B350 billion or around \$11.48 billion for investment in flood and water management projects has been passed. The government has set up a National Water Resources and Flood Policy Committee (NWFP) chaired by the Prime Minister to formulate policies in accordance with the Master Plan. The Government also set up the Water and Flood Management Commission (WFMC) reporting to NWFP. The WFMC, chaired by Minister of Sciences and Technology, is responsible for formulating action plans, approval of water management investment projects, and monitoring and evaluation the implementation of investment projects. All relevant line agencies are presented in NWFP and WFMC. To serve as an operating arm and secretariat to NWFP and WFMC, Office of the National Water and Flood Policy Committee (ONWF) was established, under the Prime Minister's Office, to be responsible for integrated water resources management including flood management. The Master Plan on Water Resources Management calls for an integrated approach to investment in water management related projects. ONWF would like to ensure that any approved project is compatible within the context of GoT's wider integrated water and flood management approach and plans, including the appropriate selection of structural and non-structural measures that complement each other for water and flood management. Specifically, GoT recognizes that appraisal, monitoring and evaluation need to be carried out with oversight from high-level national bodies, including the ONWF. Through improved project proposal screening, monitoring and evaluation, the Cabinet will ultimately be able to make more informed decisions on integrated water and flood management based on systematic analysis and reporting from the ONWF and NESDB. Furthermore, there is recognition that some management measures may serve multiple objectives but there may also need to be trade-offs between water conservation and flood management outcomes. Yom River basin is a key upper Chao Phraya watershed needing strengthened regulation, including structural and non-structural measures. Presently, there is no water regulation structures on the Yom River mainstream. Many studies have been done on options to construct a dam and reservoir in the basin. However, the relevant agencies acknowledge that several aspects (e.g. adequate assessment of the social, ecological and economic impacts of the proposed investment alternatives) have not been addressed by the existing studies on Yom River basin. For policy makers to make informed decision on investment projects along Yom River basin, further review, studies and consultations are needed to support the final choice of options.		
Impact	Reduction in damages and losses from future floods		
Project Outcome			
Description of Outcome	Improved decision making process for integrated water resources management focusing on flood management		
Progress Toward Outcome			
Implementation Progress			
Description of Project Outputs	1. Guidelines and Checklists for Water Management Programs and Projects adopted 2. Guidelines and Management Information System for Monitoring Implementation and Evaluating Impacts of Water Management Programs and Projects installed 3. Framework for Water resources assessment of Yom River basin proposed 4. Appropriate methodology and approach for systems analysis study of surface and ground water in Yom River basin proposed 5. Yom River basin consultative process and participation mechanism strengthened		
Status of Implementation Progress (Outputs, Activities, and Issues)	The TA completion date was extended by another 3 months to end on 31 December 2015. Most of the components under the TA has been completed. The draft final report is being produced by the consulting firm.		
Geographical Location			
Summary of Environmental and Social Aspects			

Environmental Aspects
Involuntary Resettlement
Indigenous Peoples
<b>Stakeholder Communication, Participation, and Consultation</b>
During Project Design
During Project Implementation

<b>Business Opportunities</b>	
Consulting Services 2 International consultants (5 person-months of input), 2 national consultants (22 person-months of input) and firm consultant (59 person-months of input)	
Responsible ADB Officer	Attapich, Luxmon
Responsible ADB Department	Southeast Asia Department
Responsible ADB Division	Thailand Resident Mission
Executing Agencies	National Economic and Social Dev. Board 962 Krung Kasem Road Bangkok 10100 Thailand

<b>Timetable</b>	
Concept Clearance	04 Jun 2012
Fact Finding	08 Jun 2012 to 22 Jun 2012
MRM	-
Approval	11 Dec 2012
Last Review Mission	-
Last PDS Update	25 Sep 2015

## TA 8267-THA

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
11 Dec 2012	10 Jan 2013	10 Jan 2013	31 Dec 2014	31 Dec 2015	19 Apr 2016

Financing Plan/TA Utilization							Cumulative Disbursements	
ADB	Cofinancing	Counterpart				Total	Date	Amount
		Gov	Beneficiaries	Project Sponsor	Others			
0.00	1,500,000.00	0.00	0.00	0.00	0.00	1,500,000.00	17 Jun 2022	1,212,036.19

Project Page	<a href="https://www.adb.org/projects/46231-001/main">https://www.adb.org/projects/46231-001/main</a>
Request for Information	<a href="http://www.adb.org/forms/request-information-form?subject=46231-001">http://www.adb.org/forms/request-information-form?subject=46231-001</a>
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