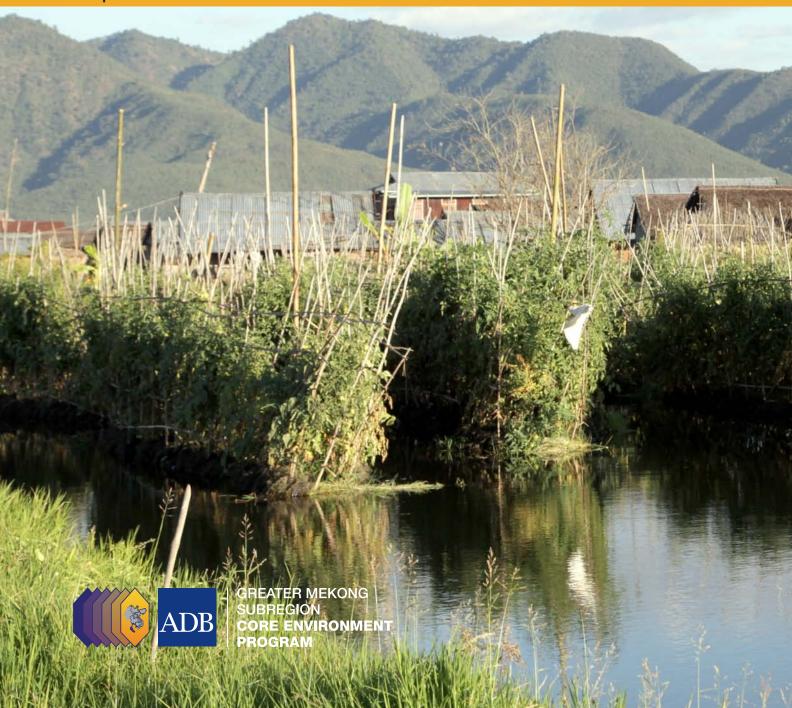
Investing in Natural Capital for a Sustainable Future in the Greater Mekong Subregion

September 2015



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Abbreviations

ADB Asian Development Bank

ASEAN Association of Southeast Asian Nations

PRC People's Republic of China

CBD Convention on Biological Diversity
CEP GMS Core Environment Program

D Vietnamese dong

EMM4 4th GMS Environment Ministers' Meeting

EOC Environment Operations Center

FDI foreign direct investment GDP gross domestic product

GHG greenhouse gas

GMS Greater Mekong Subregion

ha hectare

I-GEM Indonesia Green Economy Model

IMBM incentive- and market-based mechanism IWRM integrated water resources management

Lao PDR Lao People's Democratic Republic

LEAP Long-range Energy Alternatives Planning system

LMB Lower Mekong Basin

m³ cubic meter

MCA multi-criteria analysis

NBSAP national biodiversity strategy and action plan

ODA official development assistance

PA protected area

PES payments for ecosystem services

PFES Payments for Forest Environmental Services (Viet Nam)

REDD Reducing Emissions from Deforestation and Forest Degradation

REDD+ Reducing Emissions from Deforestation and Forest Degradation, as well as

conserving and enhancing forest carbon stocks and practicing sustainable

forest management in developing countries

RIF GMS Regional Investment Framework SEA strategic environmental assessment

SEEA United Nations System of Environmental–Economic Accounting

SMEs small and medium-sized enterprises

UNCCD United Nations Convention to Combat Desertification

UNDP United Nations Development Programme
UNEP United Nations Environment Programme
WEAP Water Evaluation and Planning system



Executive Summary

Natural capital has been a key contributor to the subregion's rapid economic growth over the past 3 decades or so. However, the subregion's key natural capital stocks are in a state of decline. This is evident by the degradation of arable land; considerable losses in forests, wetlands, and mangroves; and many species of fauna and flora becoming endangered or even extinct.

The Greater Mekong Subregion (GMS) is poised to continue developing at a significant pace. The subregion is well placed to benefit from the emerging Association of Southeast Asian Nations Economic Community due to its strategic geographic positioning, extensive subregional connectivity, and strong sense of community established through 2 decades of subregional cooperation.

The GMS Regional Investment Framework Implementation Plan (2014–2018), comprising a pipeline of prioritized investment projects worth over \$30 billion and approved by GMS leaders at the 5th GMS Summit in Bangkok in December 2014, is indicative of the subregion's development potential.

However, the sustainability of the subregion's future prosperity could be undermined unless the GMS invests significantly more in safeguarding and enhancing its natural capital. Indeed, in the context of the subregion's vulnerability to climate change, natural disasters, and human-induced shocks, investments in natural capital present some of the most economically viable and socially inclusive adaptation and resilience strategies. Investing in natural capital will greatly help the GMS realize inclusive and sustainable development.

Below are key messages from this report on natural capital in the GMS.

Natural capital underpins the socioeconomic development of GMS countries and the achievement of inclusive and sustainable growth in the subregion

Natural capital, which accounts for 20%–55% of the total wealth of GMS countries, has been a key contributor to the rapid economic growth achieved in the subregion in the past 3 decades. Agriculture (including forestry) makes up about 30% of gross domestic product (GDP) in Cambodia, the Lao People's Democratic Republic (Lao PDR), and Myanmar, and is the main source of employment in the GMS, engaging between 38% (in Thailand) and 74% (in the Lao PDR) of the labor force. The Mekong River supports the world's largest inland fishery, with annual turnover of \$1.4 billion–\$3.9 billion. Natural capital also sustains the manufacturing and service sectors—such as the thriving furniture industry in Viet Nam,

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