About Us

The Asian Development Bank (ADB) is an international development finance institution owned by 67 members, 48 of which are from Asia and the Pacific. Headquartered in Manila, Philippines, our vision is an Asia and the Pacific region free of poverty.

Knowledge creation and sharing are integral to ADB’s work. Every year, we publish a wide range of studies, statistical reports, working papers, books, briefs, and awareness-raising materials. All our publications are available for digital download. Hard copies are available at ADB headquarters, from commercial distributors, booksellers, and—in cases where there is an agreement—from copublishers. Turn to the back of this catalog for more details, or visit our website: adb.org/publications
Asian Water Development Outlook 2016
Strengthening Water Security in Asia and the Pacific

The Asian Water Development Outlook charts progress in water security in Asia and the Pacific over the past 5 years. This 2016 edition of the report uses the latest available data to assess water security in five key dimensions: household access to piped potable water and improved sanitation, economic water security, providing better urban water services to build more livable cities, restoring healthy rivers and ecosystems, and resilience to water disasters. The region shows a positive trend in strengthening water security since the 2013 edition of the report, when 38 out of 49 countries were assessed as water-insecure. In 2016, that number dropped to 29 out of 48 countries.

Southeast Asia and the Economics of Global Climate Stabilization

This study focuses on five countries of Southeast Asia that collectively account for 90% of regional greenhouse gas emissions (GHG) in recent years—Indonesia, Malaysia, the Philippines, Thailand, and Viet Nam. It applies two global dynamic economy–energy–environment models under an array of scenarios that reflect potential regimes for regulating global GHG emissions through 2050. The modeling identifies potential economic costs of climate inaction for the region, how the countries can most efficiently achieve GHG emission mitigation, and the consequences of mitigation. This study analyzes climate-related policies and identifies how further action can be taken to ensure low-carbon growth.
Clean Energy

**Business Models to Realize the Potential of Renewable Energy and Energy Efficiency in the Greater Mekong Subregion**

This report outlines business models relevant to pursuing the renewable energy and energy efficiency targets adopted by five Greater Mekong Subregion countries: Cambodia, the Lao People’s Democratic Republic, Myanmar, Thailand, and Viet Nam. Business models for investments in renewable energy and energy efficiency provide policy makers and investors with alternative business methods for the deployment of new technologies, or for the application of well-established technologies and practices in new settings.

- 48 pages, 8.5 x 11, softbound, 2015
- $20.00

**Energy Efficiency Developments and Potential Energy Savings in the Greater Mekong Subregion**

This report details energy efficiency targets and developments in five countries in the Greater Mekong Subregion (GMS): Cambodia, the Lao People’s Democratic Republic, Myanmar, Thailand, and Viet Nam. The GMS countries envisage substantial energy efficiency savings over the next 15 to 20 years, with overall energy efficiency savings amounting to almost 60 million tons of oil equivalent annually by 2030. GMS countries project that their energy needs will double or triple over the next 15 years and greater energy efficiency offers a win–win public–private sector partnership for reducing unsustainable reliance on high-carbon fuels.

- 104 pages, 8.5 x 11, softbound, 2015
- $24.00

**Handbook for Rooftop Solar Development in Asia**

Drawing on ADB’s experience installing a rooftop solar photovoltaic system at its headquarters, this publication hopes to demystify the process of developing solar photovoltaic projects in urban areas. The handbook provides detailed descriptions and guidance for all stages of development, including initial prefaseability assessment, design, financing, procurement, and operations and maintenance. ADB hopes this handbook will encourage the spread of solar photovoltaic systems in cities throughout developing Asia and the Pacific.

- 150 pages, 8.5 x 11, softbound, 2015
- $27.00

**Improving Energy Efficiency and Reducing Emissions through Intelligent Railway Station Buildings**

Buildings in the People’s Republic of China (PRC) consume 21% of the total energy produced in the country. This study analyzes and proposes feasible energy-saving and emission-reducing solutions for domestic railway stations in the PRC. The use of intelligent building controls support reduction of energy consumption, minimization or elimination of energy wastes, and cost savings. Strong institutional mechanisms and railway building management methods and policies also promote technological innovation. Moreover, these are necessary to balance the interests of multiple parties to be able to achieve energy efficiency in railway station buildings in the PRC.

- 106 pages, 8.5 x 11, softbound, 2015
- ISBN 978-92-9257-004-0
- $24.00

For more information on ADB publications, visit www.adb.org/publications
ADB has provided its developing members with over $28 billion in loans and grants for energy-related projects from 2008 to 2014. This publication features 15 recent noteworthy projects as case stories (contexts, solutions, results, and lessons) that were implemented in Bangladesh, Bhutan, the People’s Republic of China, India, Indonesia, the Federated States of Micronesia, the Philippines, and Uzbekistan in the areas of energy efficiency, solar energy, geothermal, waste-to-energy, advanced coal technology, and electricity interconnection. It is a must-read for policy makers, project managers, and development partners in the world of energy.

- 134 pages, 8.5 x 11, softbound, 2015
  $25.00

The unsustainable budgetary cost of selling oil, gas, and coal at low prices has propelled energy subsidy reform in developing Asian economies. This report measures the size of associated subsidies on these fossil fuels including direct transfers, tax exemptions, subsidized credit, and losses of state enterprises in India, Indonesia, and Thailand. An analysis of complex interactions between economic, social, energy, and environmental issues shows that the initial rise in energy prices due to a reduction or removal of the subsidies will trigger a shift to alternative fuels, make investment in clean energy attractive, increase energy supply, and cut greenhouse gas emissions.

- 76 pages, 8.5 x 11, softbound, 2016
  $22.00

This manual is intended to assist clean development mechanism project developers in understanding and managing the monitoring, reporting, and verification requirements and process of their projects with the help of real examples and practical tips. It also aspires to be of help for projects participating in other existing and emerging market mechanisms. These may include bilateral mechanisms; voluntary carbon markets; regional, national, and subnational carbon markets; and any of the cooperative approaches and new market mechanism for the post-2020 carbon markets consequent to the Paris Agreement adopted at COP21 in December 2015.

- 116 pages, 8.5 x 11, softbound, 2016
  $24.00
Clean Energy

Prospects for Carbon Capture and Storage in Southeast Asia
This report focuses on an assessment of the carbon capture and storage (CCS) potential in Thailand, Viet Nam, and specific regions of Indonesia and the Philippines. It contains inventories of carbon dioxide emission sources; estimates of overall storage potential; likely source–sink match options for potential CCS projects; and an analysis of existing policy, legal, and regulatory frameworks with a view toward supporting future CCS operations. The report also presents a comparative financial analysis of candidate CCS projects; highlights possible incentive schemes for financing CCS; and provides an actionable road map for pilot, demonstration, and commercial CCS projects.

166 pages, 8.5 x 11, softbound, 2013
ISBN 978-92-9254-290-0
$28.00

Renewable Energy Developments and Potential in the Greater Mekong Subregion
This report focuses on renewable energy developments, including incentives for private sector investment in clean energy, and potential in five countries in the Greater Mekong Subregion: Cambodia, the Lao People’s Democratic Republic, Myanmar, Thailand, and Viet Nam. It assesses the potential of solar, wind, biomass, and biogas as sources of renewable energy. Technical considerations include the degree and intensity of solar irradiation, average wind speeds, backup capacity of grid systems, availability and quality of agricultural land for biofuel crops, and animal manure concentrations for biogas digester systems.

168 pages, 8.5 x 11, softbound, 2015
$28.00

Roadmap for Carbon Capture and Storage Demonstration and Deployment in the People’s Republic of China
Carbon capture and storage is an essential low-carbon option for the PRC. It is currently the only near-commercial system of technologies that offers medium- to long-term opportunities to make cuts in carbon dioxide emissions from industrial processes and power plants based on fossil fuels, while enabling the continued utilization of coal in a low-carbon way. This report assesses the potential, barriers, and challenges in developing carbon capture and storage in the PRC.

80 pages, 8.5 x 11, softbound, 2015
$22.00

Sustainable Energy Access Planning
A Framework
Sustainable energy access planning, unlike traditional energy planning, gives primary importance to the energy demand of both poor and nonpoor households, the need to make cleaner energy services more affordable to the poor, the costs of both supply-side and demand-side access options, and the sustainability of technology and resource options. This report presents a framework for sustainable energy access planning that planners and policy makers can use to design cost-effective clean energy supply systems that both poor and nonpoor can sustainably access to meet at least the minimum amount of energy for their basic needs.

92 pages, 8.5 x 11, softbound, 2015
$23.00

For more information on ADB publications, visit www.adb.org/publications
Clean Energy

Sustainable Energy for All: Tracking Progress in Asia and the Pacific

The Sustainable Energy for All (SE4All) initiative is the global effort rallying action toward a transformation in the energy sector by 2030. With targets to increase energy use, expand energy efficiency, and ensure energy access for all, SE4All’s priorities are tied closely to the challenges of energy sustainability, security, and widespread energy poverty in developing Asia and the Pacific. This report summarizes the initial activities of the SE4All Regional Hub and contextualizes the challenges in Asia and the Pacific with the global efforts to reach the 2030 targets.

- 68 pages, 8.5 x 11, softbound, 2015
- $21.00

Climate Adaptation

Assessing the Costs of Climate Change and Adaptation in South Asia

This book synthesizes the results of country and sector studies on the economic costs and benefits of unilateral and regional actions on climate change in ADB’s six South Asia developing members, namely Bangladesh, Bhutan, India, the Maldives, Nepal, and Sri Lanka. The study takes into account the different scenarios and impacts projected across vulnerable sectors and estimates the total economic loss throughout the 21st century and amount of funding required for adaptation measures to avert such potential losses. It is envisioned to strengthen decision-making capacities and improve understanding of the economics of climate change for the countries in South Asia.

- 128 pages, 6 x 9, softbound, 2014
- $22.00

Unlocking Indonesia’s Geothermal Potential

This report was produced jointly by ADB and the World Bank and is based on a series of technical assistance activities conducted during 2013-2014. The study documents key issues that have constrained the development of Indonesia’s geothermal power development sector, including tendering processes, financial considerations, permitting, and interagency coordination. The report then makes a set of comprehensive recommendations to unlock the potential of the sector.

- 170 pages, 8.5 x 11, softbound, 2015
- $28.00
- Copublished with the World Bank
Climate Risk and Adaptation in the Electric Power Sector

This report aims to highlight and raise awareness on the exposure and vulnerability of the energy sector to climate change. It also identifies adaptation options available to each source of energy generation as well as for the distribution and end use of electrical energy.

- 82 pages, 8.5 x 11, softbound, 2012
- $22.00

Costs of Adaptation to Rising Coastal Water Levels for the People’s Republic of China, Japan, and the Republic of Korea

This publication explores the potential costs for coastal adaptation from 2010 until 2050 in East Asia due to climate-induced sea-level rise and possibly more intense tropical cyclones. The results are estimates of possible adaptation needs, which illustrate the possible magnitude of adapting to the future impacts of climate change on three important coastal countries: the People’s Republic of China, Japan, and the Republic of Korea.

- 64 pages, 8.5 x 11, softbound, 2013
- $21.00

Economic Analysis of Climate-Proofing Investment Projects

Climate change represents an increasing threat to the continued development of the people, preservation of ecosystems, and economic growth of Asia and the Pacific. A key step in ADB’s climate risk management framework is the technical and economic valuation of climate-proofing measures to reduce risks resulting from climate change to investment projects in Asia and the Pacific. This report describes the conduct of the cost–benefit analysis of climate proofing investment projects to present decision makers with the best possible information on the economic efficiency of alternative designs of investment projects.

- 92 pages, 8.5 x 11, softbound, 2015
- $23.00

Green Growth, Resources, and Resilience Environmental Sustainability in Asia and the Pacific

This report describes an evolving policy landscape characterized by a changing economic reality, rising demand for resources, increasingly apparent impacts of environmental and climate change, and increased risk and uncertainty. It provides insights into resource use trends and outlines key actions, including reforming economic incentives and promoting more inclusive and adaptive governance approaches, that governments can pursue to help bring economic growth strategies in closer alignment with the objective of sustainable development.

- 156 pages, 8.5 x 11, softbound, 2012
- $27.00

Copublished with the United Nations Economic and Social Commission for Asia and the Pacific and the United Nations Environment Programme

For more information on ADB publications, visit www.adb.org/publications
Increasing Climate Change Resilience of Urban Water Infrastructure
Based on a Case Study from Wuhan City, People’s Republic of China

This guidebook bridges the gap between the theoretical analyses of climate change impact on the urban water sector and the planning decisions that municipal authorities and utility managers need to make to increase the sector’s climate change resilience. It answers questions that city planners and managers globally ask regarding the effects of climate change, particularly on services and utilities, and what we can do to prepare for these.

72 pages, 8.5 x 11, softbound, 2013
$21.00

Guidelines for Climate Proofing Investment in the Energy Sector

This publication provides a step-by-step approach to help project teams assess and incorporate climate change adaptation measures into energy investment projects. While the focus of the guidelines is at the project level, an improved understanding of climate change impacts should also be used to incorporate climate change considerations into energy planning and policy at the country level.

110 pages, 8.5 x 11, softbound, 2013
$24.00

Investing in Resilience Ensuring a Disaster-Resistant Future

This report focuses on the steps required to ensure that investment in disaster resilience happens and that it occurs as an integral, systematic part of development. At-risk communities in Asia and the Pacific can apply a wide range of policy, capacity, and investment instruments and mechanisms to ensure that disaster risk is properly assessed, disaster risk is reduced, and residual risk is well managed. Yet, real progress in strengthening resilience has been slow to date and natural hazards continue to cause significant loss of life, damage, and disruption in the region, undermining inclusive, sustainable development.

188 pages, 8.5 x 11, softbound, 2013
$29.00

Technologies to Support Climate Change Adaptation in Developing Asia

Asia and the Pacific is expected to be hit hard by the impacts of climate change. ADB developing members are among the most vulnerable, with 7 of the top 10 vulnerable countries being in the region. This publication seeks to address these concerns by showcasing a number of useful technologies that can be used to address the impact of climate change across six sectors: agriculture, coastal resources, human health, transportation, water resources, and disaster risk management.

204 pages, 8.5 x 11, softbound, 2014
$30.00

For more information on ADB publications, visit www.adb.org/publications
Animal husbandry.

Greenhouse gas emissions from grassland-based carbon sequestration and reduce the intensity of livestock management are required. This publication summarizes potential technical measures to increase production objectives, changes in grazing and efficiency of forage utilization are key strategies for addressing sustainable grassland management.

Restoring degraded grasslands and increasing the three million square kilometers of grasslands are degraded and contribute to the emission of greenhouse gases. To balance carbon sequestration and livestock production objectives, changes in grazing and livestock management are required. This publication summarizes potential technical measures to increase carbon sequestration and reduce the intensity of greenhouse gas emissions from grassland-based animal husbandry.

Financial incentives are required to improve environmental management of grasslands and reduce greenhouse gas emissions in the grassland sector of the People’s Republic of China. This publication summarizes the legal and policy framework for incentive programs, assesses the impact of three main incentive programs on soil carbon stocks, and analyzes the implications of these existing incentive mechanisms for the development of grassland carbon finance projects for domestic carbon markets.

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**Climate Financing**

**ADB and the Climate Investment Funds**

**Climate Change Innovation and Action in Asia and the Pacific**

Since the inception of the Climate Investment Funds (CIF), ADB has participated in the preparation of 16 investment plans in 14 countries. Under these plans, ADB is administering $1.6 billion in funding for 37 projects across the region. This document presents ADB’s experience in the development of CIF programs and highlights some of the innovative transformations anticipated or already achieved by ADB projects using CIF funding.

- 76 pages, 8.5 x 11, softbound, 2014
  - $22.00

**Building Gender into Climate Finance**

**ADB Experience with the Climate Investment Funds**

Helping women become more resilient to the impact of climate change, acknowledging their key role and encouraging them to participate in responding to the challenges of climate change, and ensuring that they benefit from climate change financing investments are priorities for ADB as part of its commitment to gender equality and the empowerment of women. This publication confirms the shared commitment of ADB and the Climate Investment Funds (CIF) to mainstreaming gender equality in climate change and showcases how this priority is being integrated into the design of ADB’s CIF projects.

- 52 pages, 8.5 x 11, softbound, 2016
  - $20.00

**Strengthening Carbon Financing for Grassland Management in the People’s Republic of China**

**Mitigation Options in Grassland-Based Animal Husbandry**

The majority of the People’s Republic of China’s 3.9 million square kilometers of grasslands are degraded and contribute to the emission of greenhouse gases. This publication summarizes potential technical measures to increase carbon sequestration and reduce the intensity of greenhouse gas emissions from grassland-based animal husbandry.

- 34 pages, 8.5 x 11, softbound, 2014
  - $19.00

**Strengthening Carbon Financing for Grassland Management in the People’s Republic of China**

**Incentive Mechanisms and Implications**

Financial incentives are required to improve environmental management of grasslands and reduce greenhouse gas emissions in the grassland sector of the People’s Republic of China. This publication summarizes the legal and policy framework for incentive programs, assesses the impact of three main incentive programs on soil carbon stocks, and analyzes the implications of these existing incentive mechanisms for the development of grassland carbon finance projects for domestic carbon markets.

- 54 pages, 8.5 x 11, softbound, 2014
  - $20.00

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For more information on ADB publications, visit www.adb.org/publications
Addressing Climate Change and Migration in Asia and the Pacific

Climate change will increase the frequency of extreme weather events, making more geographic places inhospitable to human habitation and secure livelihoods. This report presents a detailed picture of the potential impacts of climate change on migration in Asia and the Pacific. It draws upon a wealth of research to provide policy makers with informed analysis of an emerging phenomenon requiring urgent attention by governments and the international community. The report also suggests that climate-induced migration should be seen not only as a threat to human well-being but also as a potential tool to promote human adaptation to climate change.

92 pages, 8.5 x 11, softbound, 2012
$23.00

Climate Change, Food Security, and Socioeconomic Livelihood in Pacific Islands

This report assesses the impact of climate change on agriculture and fisheries in three Pacific island countries—Fiji, Papua New Guinea, and Solomon Islands—including the impacts on agricultural production, economic returns for major crops, and food security. Alternative adaption policies are examined to provide policy options that reduce the impact of climate change on food security. The overall intention is to provide a clear message for development practitioners and policy makers about how to cope with the threats and understand the opportunities surrounding climate change.

366 pages, 8.5 x 11, softbound, 2015
$31.00
Copublished with the International Food Policy Research Institute

Economics of Climate Change in East Asia

This regional study includes the People’s Republic of China, Japan, the Republic of Korea, and Mongolia and examines how strategies for adapting to climate change up to 2050 can be combined with measures to reduce greenhouse gas emissions in East Asia. The study estimates costs for sector-specific mitigation options and the total abatement potential for 2020 and 2030. Long-term strategies for addressing the impacts of climate change in East Asia are explored with a focus on the linkages between adaptation and mitigation, taking account uncertainty about key climate variables.

218 pages, 8.5 x 11, softbound, 2013
$31.00

For more information on ADB publications, visit www.adb.org/publications
## Climate Policies and Capacity

**Economics of Reducing Greenhouse Gas Emissions in South Asia: Options and Costs**

ADB developing members in South Asia have been faced with the major challenge of sustaining rapid economic growth while reducing the overall intensity of energy use and increasing energy efficiency. This report synthesizes the results of national studies on options and costs of reducing harmful greenhouse gas emissions in Bangladesh, Bhutan, the Maldives, Nepal, and Sri Lanka and examines the economics of cleaner technologies that promote low-carbon development and climate change mitigation.

- 158 pages, 6 x 9, softbound, 2013
- ISBN 978-92-9092-143-1
- $24.00

**GrEEEn Solutions for Livable Cities**

GrEEEn Solutions for Livable Cities is the result of a 2-year innovative, exploratory, and reflective study of cities as unique urban spaces that support life, work, and play. It responds to major issues that affect the quality of life of urban residents. This publication offers practical ways on how urban managers, urban practitioners, businesspeople, and citizens can engage to make cities more livable by building on their distinctive physical, social, cultural, and economic characteristics. It offers integrated urban development solutions that can translate global development commitments into urban-level actions to achieve livable cities.

- 256 pages, 8.5 x 11, softbound, 2016
- $34.00

**Green Cities**

Asia shares a vision of making all its cities livable one day. Essential to meeting the challenges of climate change and pollution are reducing energy demand in cities as well as the environmental impacts of energy production and consumption, and addressing the pollution of watersheds and the air. This book concludes that more efficient and effective management of the urbanization process, city form and design, urban density, transport systems, and logistics systems can help achieve this vision.

- 426 pages, 6 x 9, softbound, 2012
- $35.00

**Green City Development Tool Kit**

The term “Green City” has many different meanings to different people. There is no universal solution that can be applied to every city. Adaptable, responsive, and innovative solutions that differ from one place to another enable Green Cities to emerge in various forms and enable us to recognize the variation and dynamism of cities. This tool kit is a reference for ADB staff, consultants, and city leaders that introduces key concepts of Green City development and identifies crosscutting issues that help in designing urban programs to support city development in a green and sustainable manner.

- 134 pages, 8.5 x 11, softbound, 2015
- $25.00

For more information on ADB publications, visit www.adb.org/publications
Climate Policies and Capacity

The Economics of Climate Change in the Pacific

The Pacific is highly vulnerable to the predicted effects of climate change, including higher sea levels, storm surges and cyclones, erratic rainfall patterns, and temperature fluctuations. This study identifies the effects and quantifies the costs of these adverse outcomes to Pacific island economies particularly in agriculture, fisheries, tourism, coral reefs, and human health. It also presents policy recommendations and action steps for countries in the Pacific to mitigate these impacts by mainstreaming climate change in their development plans and climate-proofing their programs and infrastructure in order to achieve poverty eradication and sustainable development.

→ 100 pages, 8.5 x 11, softbound, 2013
   $23.00

Disaster Risk Management

Flood Risk Management in the People’s Republic of China

Learning to Live with Flood Risk

This publication presents a shift in the People’s Republic of China from flood control depending on structural measures to integrated flood management using both structural and nonstructural measures. The core of the new concept of integrated flood management is flood risk management. Flood risk management is based on an analysis of flood hazard, exposure to flood hazard, and vulnerability of people and property to danger. It is recommended that people learn to live with flood risks, gaining and promoting a clear understanding of flood risks, quantifying and modifying the flood hazard, regulating exposure to the hazard, and reducing their vulnerability to danger.

→ 78 pages, 8.5 x 11, softbound, 2012
   $22.00

Guidelines for Climate Proofing Investment in Agriculture, Rural Development, and Food Security

This publication aims to present a step-by-step methodological approach to assist project teams assess and incorporate climate change adaptation measures into investment projects in agriculture, rural development, and food security. While the focus of the publication is at the project level, an improved understanding of climate change impacts should also be used to incorporate climate change considerations into agriculture planning and policy at the country level.

→ 104 pages, 8.5 x 11, softbound, 2012
   $24.00

Training Manual to Support Country-Driven Gender and Climate Change Policies, Strategies, and Program Development

This publication aims to provide trainers, practitioners, and policy makers of environment and gender mainstreaming agencies an understanding of key concepts and approaches to gender-responsive mitigation measures, strategies, and policies. It covers key concepts on gender and climate change and concludes with step-by-step guidelines for policy and decision makers to mainstream gender into climate policies and projects, with practical tools and exercises to support training on gender and climate change.

→ 78 pages, 8.5 x 11, softbound, 2016
   $22.00

For more information on ADB publications, visit www.adb.org/publications
Reducing Disaster Risk by Managing Urban Land Use

Guidance Notes for Planners

This document provides guidance for urban planners on how to utilize land use management-related tools they have at their disposal—land use planning, development control instruments, greenfield development, and urban redevelopment—to reduce disaster risk and contribute to strengthening urban resilience and sustainable urban development. The guidance provided in the document is further illustrated through case studies showing examples where urban land use management-related tools have been adopted to reduce disaster risk.

Water-Related Disasters and Disaster Risk Management in the People’s Republic of China

In the People’s Republic of China (PRC), the incidence of natural disasters—particularly water-related disasters—are on the rise, resulting in an increased exposure to and vulnerability of the population to disasters. Coupled with anticipated increases in the frequency and intensity of weather-related events due to climate change, the PRC’s population is at heightened risk. This review focuses on water-related disasters, including identification of underlying causes, current management and policies to reduce risk, and opportunities for strengthening integrated disaster risk management in the PRC.

Making Grasslands Sustainable in Mongolia

Adapting to Climate and Environmental Change

Climate change threatens grassland ecosystems and herders’ livelihoods in Mongolia. Herders depend on pasture and water resources for their livestock, and are thus among the most vulnerable groups to climate change impacts. Although climate change impacts on grassland ecosystems are measurable, current institutional capacity and financial resources limit implementation of adaptation practices. This publication reviews grassland management and traditional nomadic pastoralism in the local Mongolian context and identifies potential adaptation strategies and practices.

For more information on ADB publications, visit www.adb.org/publications
Natural Resource Management

Thinking about Water Differently
Managing the Water–Food–Energy Nexus

The water–food–energy nexus is emerging as a critical issue in Asia and the Pacific. Solutions must be found to assure water security, thereby eliminating the immediate—and increasing—risk to food security, energy security, and economic growth and stability. This publication is the result of a scoping study initiated by ADB to better understand the issues associated with the water–food–energy nexus in Asia and the Pacific. It provides high-level guidance on the choices available to address the region’s water security issues.

46 pages, 8.5 x 11, softbound, 2013
$20.00

Sustainable Transport

Climate Proofing ADB’s Investments in the Transport Sector
Initial Experiences

By improving connectivity and making the movement of goods and people more affordable, transport contributes to economic growth, efficiency, and competitiveness while providing poor people with access to economic opportunities and services. Various components of the transport infrastructure are exposed and vulnerable to climate change. ADB has put in place a systematic framework guiding the conduct of climate risk and vulnerability assessments of investment projects. Ongoing initiatives will address some of the key challenges encountered when conducting climate risk and vulnerability assessments, including access to readily available climate change information.

118 pages, 8.5 x 11, softbound, 2014
$24.00

Urban Transport Strategy to Combat Climate Change in the People’s Republic of China

This publication examines the problems and issues of urban transport in relation to climate change in the People’s Republic of China. It reviews international and local best practices for addressing such challenges. It also identifies policies, strategies, and measures to reduce CO2 emissions from the transport sector and recommends applicable options for implementation in the country.

74 pages, 8.5 x 11, softbound, 2012
$22.00

Asian Development Bank Institute

Climate Proofing ADB’s Investments in the Transport Sector
Initial Experiences

By improving connectivity and making the movement of goods and people more affordable, transport contributes to economic growth, efficiency, and competitiveness while providing poor people with access to economic opportunities and services. Various components of the transport infrastructure are exposed and vulnerable to climate change. ADB has put in place a systematic framework guiding the conduct of climate risk and vulnerability assessments of investment projects. Ongoing initiatives will address some of the key challenges encountered when conducting climate risk and vulnerability assessments, including access to readily available climate change information.

118 pages, 8.5 x 11, softbound, 2014
$24.00

Climate Change in Asia and the Pacific
How Can Countries Adapt?

This book compiles policies and best practices on climate change adaptation, focusing on the structural and nonstructural measures applied in Asia and the Pacific to adapt to climate change. The book focuses on water resources, agriculture, and natural resources management—the most vital sectors for the region—from environmental, social, and economic perspectives. Although the book targets Asia and the Pacific, key findings are relevant to other regions, such as Africa and Latin America.

388 pages, 6 x 9, hardbound, 2012
$67.00
Copublished with SAGE Publishing
For order information, visit us.sagepub.com
Managing the Transition to a Low-Carbon Economy: Perspectives, Policies, and Practices from Asia

This study recognizes low-carbon green growth as an imperative—not an option—for developing Asia. Asia has already started moving toward low-carbon green growth. Many emerging economies have started using sustainable development to bring competitiveness to their industries and serve growing green technology markets. This book aims to share the experiences of developed Asian economies and the lessons they have learned. It assesses the low-carbon and green policies and practices adopted by developed Asian countries, identifies gaps, and examines new opportunities for low-carbon green growth.

440 pages, 6 x 9, softbound, 2015
$39.00
For order information, visit www.brookings.edu

Low-Carbon Green Growth in Asia: Policies and Practices

Asia is at a crossroads. It is the world’s most populous region, has a rising share of global greenhouse gas emissions, and is the region most vulnerable to climate risks. Developing Asia is in critical need of low-carbon green growth. This book reviews low-carbon policy initiatives taken by Asian countries at the national, sectoral, and local levels. The goal of this study is to share with developing nations the experiences of advanced Asian economies and the lessons they have learned, while widening and deepening actions in both.

264 pages, 7.5 x 9.25, softbound, 2013
ISBN 978-4-89974-037-3
$34.00
For order information, visit www.brookings.edu

The Environments of the Poor in South Asia: Simultaneously Reducing Poverty, Protecting the Environment, and Adapting to Climate Change

This book contains a multitude of studies of the environment–poverty relationship, such as those in the drylands of Rajasthan and Odisha, the Sunderban Delta, the Nepalese uplands, the Sri Lankan and Bangladeshi coastlands, and the urban slums of India and Bangladesh. Floods, landslides, droughts, degradation of natural resources, and urban pollution exert a greater influence on the people in these areas than on those living in other geographical regions of South Asia.

380 pages, 6 x 9, hardbound, 2015
ISBN 978-0-19945-363-4
$59.95
Copublished with Oxford University Press
For order information, visit global.oup.com

Disaster Risk Management in Asia and the Pacific

This book focused on disaster risk management to study the key trends in the region in terms of disaster incidence, sources of vulnerability, and social and economic challenges. The chapters are written by nine independent internationally based authors. The analysis presented benefits from their varied backgrounds in medicine, architecture, economics, engineering, planning, social studies, development studies, and political science. Throughout the book, relevant examples drawn from the region are included to “earth” the project in the harsh realities of risk and disaster impact.

340 pages, 6 x 9, hardbound, 2014
$168.00
Copublished with Routledge
For order information, visit www.routledge.com

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This study focuses on five countries of Southeast Asia that collectively use the latest available data to assess water security in five key dimensions: (i) water availability and security, (ii) pollution and health, (iii) water infrastructure, (iv) livelihoods, and (v) resilience. The five countries included in this study are Indonesia, the Philippines, Malaysia, Thailand, and Vietnam. The study applies two global dynamic economy–energy–environment models under the “Business-as-Usual” scenario that was constructed through modifications of total, factor-specific, or input–output parameters to account for differences in assumptions across the ICES and WITCH models. The “Business-as-Usual” scenario was harmonized through the following procedures: (i) calibrate the medium economic growth—fast convergence parameters for GDP and macrosectoral composition of value added for the ICES model have been derived from ADB projections, (ii) apply two global dynamic economy–energy–environment models under the “medium population—medium economic growth—fast convergence” scenario that was constructed through modifications of total, factor-specific, or input–output parameters to account for differences in assumptions across the ICES and WITCH models, and (iii) harmonize the medium economic growth—fast convergence procedure is based on a “medium population—medium economic growth” scenario that was constructed through modifications of total, factor-specific, or input–output parameters to account for differences in assumptions across the ICES and WITCH models. For more information on ADB publications, visit www.adb.org/publications.
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