About the Asian Development Bank

ADB is committed to achieving a prosperous, inclusive, resilient, and sustainable Asia and the Pacific, while sustaining its efforts to eradicate extreme poverty. Established in 1966, it is owned by 68 members—49 from the region. Its main instruments for helping its developing member countries are policy dialogue, loans, equity investments, guarantees, grants, and technical assistance.

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. Print copies are available from commercial distributors, key online retailers, and—in cases where there is an agreement—from copublishers. For more details, visit our website: www.adb.org/publications or email us at adbpub@adb.org.
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Asian Development Outlook (ADO) 2022 Update
Entrepreneurship in the Digital Age
In this report, ADB has lowered its forecasts for economic growth in developing Asia and the Pacific amid mounting challenges. Its theme chapter looks at how digital entrepreneurship spurs growth and innovation.

The region’s economy is expected to grow 4.3% this year, compared with ADB’s projection in April of a 5.2% expansion, while the growth forecast for next year is lowered to 4.9% from 5.3%. The downward revisions have been driven by increased monetary tightening by central banks, fallout from the protracted Russian invasion of Ukraine, and recurrent COVID-19 lockdowns in the People’s Republic of China. Inflation in developing Asia this year is likely to reach 4.5%, up from ADB’s earlier projection of 3.7%. The forecast for 2023 is 4.0%, up from 3.1%. While inflation in the region remains lower than elsewhere, supply disruptions continue to push up food and fuel prices.

The report’s theme chapter looks at the role of entrepreneurship in achieving inclusive growth, and how governments in the region can create a more enabling environment for digital entrepreneurs.

Asian Development Outlook 2022
Mobilizing Taxes for Development
This report outlines economic prospects in developing Asia amid global turbulence and lingering pandemic risks. It discusses the implications of school closures and the invasion of Ukraine, and explores mobilizing taxes for development.

Developing Asia’s outlook remains positive. Downside risks include spillover from geopolitical tensions, such as via higher-than-expected commodity prices. The Russian invasion of Ukraine has upended the global economic outlook and greatly amplified uncertainty for a world economy still contending with COVID-19. Aggressive monetary policy tightening in the United States could lead to financial instability. In the medium term, scarring from the pandemic poses significant risks, including learning losses from continued school closures that could worsen economic inequality.

The region’s economies urgently need to mobilize fiscal resources to restore the health of public finances and build a more inclusive and sustainable future. Opportunities to strengthen revenue will depend on specific circumstances, but more efficient value-added tax and better-optimized tax incentives hold promise for many economies. Strengthening personal income and property taxes can raise additional revenue and make tax systems more progressive. Significant opportunities exist to expand the use of tax and other fiscal instruments to tackle environmental and health priorities while raising revenue.

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Featured Titles

**Key Indicators for Asia and the Pacific 2022**

This publication provides updated statistics on a comprehensive set of economic, financial, social, and environmental measures as well as select indicators for the Sustainable Development Goals.

The report covers the 49 regional members of ADB. It discusses trends in development progress and the challenges to achieving inclusive and sustainable economic growth across Asia and the Pacific. This 53rd edition looks at how most economies in the region have bounced back to varying degrees from the COVID-19 pandemic. A gradual recovery of cyclical industries, the release of pent-up consumer demand, and increased confidence levels have contributed to developing Asia’s economy.

To put into practice the “leave no one behind” principle of the Sustainable Development Goals, detailed and informative data is crucial. The 2022 report features a special supplement, Mapping the Public Voice for Development—Natural Language Processing of Social Media Text Data, which explores how natural language processing techniques can be applied to social media text data to map public sentiment and inform development research and policy making.

- 388 pages, 8.5 x 11, paperback, 2022
  - ISBN 9789292696986
  - $61.00

**Mapping the Public Voice for Development—Natural Language Processing of Social Media Text Data**

A Special Supplement of Key Indicators for Asia and the Pacific 2022

This publication explores how natural language processing (NLP) techniques can be applied to social media text data to map public sentiment and inform development research and policy making.

The publication introduces the foundations of natural language analyses and showcases studies that have applied NLP techniques to make progress on the Sustainable Development Goals. It also reviews specific NLP techniques and concepts, supported by two case studies. The first case study analyzes public sentiments on COVID-19 in the Philippines while the second case study explores the public debate on climate change in Australia.

- 128 pages, 8.5 x 11, paperback, 2022
  - ISBN 9789292697013
  - $32.00

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Financing Sustainable and Resilient Food Systems in Asia and the Pacific

This publication explores how innovative financing and transformative knowledge solutions can help build sustainable and resilient food systems in Asia and the Pacific.

The COVID-19 pandemic has highlighted the food security and nutrition challenges in Asia and the Pacific, where various risks and fragilities have affected the food and agriculture sector. This publication explores how innovative financing and transformative knowledge solutions can help address the financing gaps and other challenges of food systems in the region. It emphasizes the need to enhance resilience and mitigate climate change by integrating the sustainable management of natural resources, nutritional considerations, and the economic dimensions of food supply chains.

36 pages, 8.5 x 11, paperback, 2021
ISBN 978929292691295
$22.00

The Development and Social Impacts of Pakistan’s New Khanki Barrage A Project Benefit Case Study

This study examines the development and describes the advanced technology used for the construction and operation of the New Khanki Barrage in Punjab, Pakistan. It highlights the socioeconomic benefits of the project to communities.

Among the notable impacts of the project is an increase in agricultural outputs and income of over half a million farming families. Communities, particularly women and girls, have also benefited from new health, education, recreation, and other infrastructure. The study also presents challenges identified in the process, which offers valuable lessons in the design and implementation of other infrastructure projects. The New Khanki Barrage was financed by ADB through the Punjab Irrigated Agriculture Investment Program, Project 2.

42 pages, 8.5 x 11, paperback, 2021
ISBN 9789292691189
$23.00

Improving Agricultural Value Chains in Uttar Pradesh

This technical study reviews agricultural value chains in Uttar Pradesh, India to improve value chains of the selected five focus crops: potato, mango, guava, mustard, and gram.

The study identifies areas of investment in agricultural value chain development for the focus crops, private sector engagement, and recommendations for institutional development and infrastructure enhancement. The recommendations are offered as a contribution to the vision of the Government of Uttar Pradesh to ensure food and nutritional security and improve the quality of village life through inclusive and sustainable growth.

236 pages, 8.5 x 11, paperback, 2021
ISBN 97892926928253
$44.00
Digital Technology

**Big Data for Better Tourism Policy, Management, and Sustainable Recovery from COVID-19**

This joint publication explores how big data and digitalization can support sustainable tourism development and help revitalize and reshape the sector as it emerges from the pandemic.

The report, co-published with the World Tourism Organization, examines trends, challenges and opportunities in the use of big data in tourism. It highlights the need for investment in big data systems, partnerships with private and public sector big data providers, the adoption of proven measurement systems for sustainable tourism, and regional policy cooperation. Case studies from Asia and the Pacific illustrate ways of tapping big data in tourism development.

- 84 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292691356
- $27.00

**Cambodia’s Ecosystem for Technology Startups**

This report assesses the current ecosystem for tech-based startups in Cambodia, focusing on agriculture, education, health, and climate change. It discusses the challenges facing tech startups and provides recommendations to overcome them.

Technology-based startup enterprises are an increasingly important part of the business landscape in Asia and the Pacific. By applying innovative technologies to create new products and services, they can make a significant contribution to economic development while generating social and environmental benefits. However, to survive and then thrive, tech startups require an enabling ecosystem that includes supportive government policy, access to capital, skilled personnel, quality digital infrastructure and other elements. It is the first country report in the series Ecosystems for Technology Startups in Asia and the Pacific.

- 66 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695613
- $25.00

**Building Regulatory and Supervisory Technology Ecosystems For Asia’s Financial Stability and Sustainable Development**

This publication explores the use of regulatory technology in finance. It discusses how to design an optimal architecture, alongside policy considerations for an integrated regtech and supervisory technology ecosystem.

It highlights the interaction of industry use of technology in compliance and risk management; regulator and supervisor use of technology for supervision, monitoring, and enforcement; and use of technology to embed regulatory requirements and systems into financial infrastructure. The publication introduces key policy frameworks that enable ecosystem relationships at national, regional, and international levels, and showcases vital agile data management and standardization frameworks.

- 60 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292696733
- $25.00

**Cloud Audit Toolkit for Financial Regulators**

This toolkit is designed to assist and accelerate the uptake of cloud computing technologies and digital tools to improve the efficiency and efficacy of financial regulators’ work processes in ADB’s developing member countries.

Drawing on existing practices observed by leading regulators from across the globe, the toolkit provides a comprehensive framework for improving supervisory work processes. It also includes a checklist that will help regulators to conduct an initial review of their existing oversight mechanisms.

- 62 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292692087
- $25.00

For more information on ADB publications, visit www.adb.org/publications
Digital Technology

Digital Technologies for Climate Action, Disaster Resilience, and Environmental Sustainability
This publication aims to inform and influence the strategic deployment of digital technologies in developing Asia to help tackle climate change, build climate and disaster resilience, and enhance environmental sustainability.

It provides an overview of the available technology types and their applications and assesses opportunities and barriers for their uptake. The publication provides insights on how digital technologies can be operationalized in ADB’s developing member countries, including to support nationally determined contributions and green recovery efforts.

› 96 pages, 8.5 x 11, paperback, 2021
  ISBN 9789292628796
  $29.00

Harnessing the Potential of Big Data in Post-Pandemic Southeast Asia
This report illustrates why Southeast Asian countries need big data for recovery from COVID-19 to radically transform the delivery of key services such as health care, social protection, and education.

The final of a four-part series on COVID-19 Economic Recovery in Southeast Asia, it looks at the impact of the pandemic on Cambodia, Indonesia, Myanmar, the Philippines, and Thailand to determine how big data can help governments analyze the challenges they face. It outlines policy reforms and recommendations to help capture the benefits of big data, including drawing up digital roadmaps, improving technical infrastructure, and ramping up training to create a skilled workforce to lead the digital transformation.

› 56 pages, 8.5 x 11, paperback, 2022
  ISBN 9789292695118
  $24.00

Digital Technologies for Government-Supported Health Insurance Systems in Asia and the Pacific
This report explores digital solutions that can support the core business processes of public health insurance operators in Asia and the Pacific.

Examples from low- and middle-income countries in the region and beyond are drawn to demonstrate how digital solutions have improved health insurance management and administration. To support decision-making on potential investments, the report identifies key success factors for integrating new technologies into public health insurance schemes.

› 64 pages, 8.5 x 11, paperback, 2021
  ISBN 9789292692537
  $25.00

Launching a Digital Tax Administration Transformation
What You Need to Know
This publication sets out considerations for policymakers embarking on planning and implementing a digital transformation of tax administration.

Digitalization can play a key role in helping tax authorities lower compliance and administrative costs, collect more revenue more efficiently, enhance transparency and service to taxpayers, and accommodate big data flows. This report explores how tax administrations can use technology and how risks can be identified and reduced. It provides an assessment framework to support policymakers as they begin the planning process and outlines considerations for effective implementation of the tax administration of the future.

› 66 pages, 8.5 x 11, paperback, 2022
  ISBN 9789292692872
  $25.00

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For more information on ADB publications, visit www.adb.org/publications
Thailand’s Evolving Ecosystem Support for Technology Startups

This report assesses the current ecosystem for tech-based startups in Thailand, focusing on climate change, education, agriculture, and health. It discusses the challenges facing tech startups and provides recommendations to overcome them.

Technology-based startup enterprises are an increasingly important part of the business landscape in Asia and the Pacific. By applying innovative technologies to create new products and services, they can make a significant contribution to economic development while generating social and environmental benefits. However, to survive and then thrive, tech startups require an enabling ecosystem that includes supportive government policy, access to capital, skilled personnel, quality digital infrastructure and other elements. It is the fourth country report in the series Ecosystems for Technology Startups in Asia and the Pacific.

Viet Nam’s Ecosystem for Technology Startups

This report examines Viet Nam’s tech-based startups in two sectors: agriculture and health. It assesses the challenges for creating a more enabling ecosystem to scale up startups in these sectors and makes recommendations to overcome them.

Technology-based startup enterprises are an increasingly important part of the business landscape in Asia and the Pacific. By applying innovative technologies to create new products and services, they can make a significant contribution to economic development while generating social and environmental benefits. However, to survive and then thrive, tech startups require an enabling ecosystem that includes supportive government policy, adequate access to capital, skilled personnel, and quality digital infrastructure. This is the third country report in the series Ecosystems for Technology Startups in Asia and the Pacific.

Crossing the River by Touching the Stones

Alternative Approaches in Technical and Vocational Education and Training in the People’s Republic of China and the Republic of Korea

This study examines different models in the technical and vocational education and training (TVET), highlighting the experiences in the People’s Republic of China and the Republic of Korea. It also presents TVET systems in Germany and the United Kingdom to illustrate the diverse paths in developing such systems. This publication reconfirms that there is no “one-size-fits-all” for TVET. The good practices in Asia are expected to inspire policymakers to explore different TVET models and come up with new ways of delivery that best suit their own country context.

Improving Skills for the Electricity Sector in Indonesia

This publication presents a study that analyzes trends in the demand and supply of skills in Indonesia’s electricity sector, which plays a crucial role in development as the country experiences rapid changes due to technology and innovation. The study explores the electricity sector’s labor needs in terms of skill type, quantity, and location. It compares these needs with what skills are available, and at what level, to identify gaps. The study also provides recommendations for skills providers, industries, and the government on how to improve partnerships among those actors to address the gaps.

For more information on ADB publications, visit www.adb.org/publications
Incubating Indonesia’s Young Entrepreneurs
Recommendations for Improving Development Programs

This publication draws lessons and good practices from entrepreneurship development models and incubation centers designed for the youth in Indonesia.

Several ministries in Indonesia are providing entrepreneurship training to the youth in a move to harness the demographic bonus amid persistently high unemployment rates among young people. Incubation centers in the country’s three public higher education institutions and an entrepreneurship training model facilitated by a Swiss–Indonesian start-up accelerator program are explored in this publication. Recommendations focus on strengthening similar programs in other universities, such as management and resources, financial sustainability, mentorship and training, business services and facilities, graduation and post-incubation, and documentation and evaluation.

- 46 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292691714
- $23.00

Supporting Lagging Students and Learning for All
Applying the Diagnose-and-Supplement System of Basic Skills in the Republic of Korea

This publication introduces the Diagnose-and-Supplement System of Basic Skills (DASOBS), an online–offline system for academically low-achievement students from grades 1 to 10 in the Republic of Korea.

DASOBS adaptive testing is administered four times a year, with supplemental materials provided so that students can study subjects and lessons according to their achievement levels. This publication outlines the system and discusses its policy implications and its potential for use in developing countries.

- 30 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292693046
- $21.00

STEM and Education Technology in Bangladesh, Cambodia, the Kyrgyz Republic, and Uzbekistan
A Synthesis Report

This publication focuses on the state of science, technology, engineering, and mathematics (STEM) education and education technology (EdTech) in Bangladesh, Cambodia, the Kyrgyz Republic, and Uzbekistan.

The studies conducted from May 2020 to May 2021 include situation analysis reports on STEM education and EdTech for each country in the general education subsectors (primary and secondary). The publication covers discussions of the findings from the studies, identifies gaps and potential intervention areas, and provides policy and intervention recommendations for the four developing member countries of ADB.

- 54 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695521
- $24.00
Clean Heating Technologies
A Pilot Project Case Study from Northern People’s Republic of China

This publication provides an overview of clean heating technologies and shares lessons from a pilot project in the People’s Republic of China (PRC).

The pilot aimed to identify replicable decentralized clean heating options for various household types to replace domestic coal burning. It included use of air-to-air heat pumps, air-to-water heat pumps, graphene boards, and biomass pellet boilers with an online clean heating monitoring platform to track performance. The PRC’s clean heating policy framework and lessons from the monitoring platform can help guide the development of similar tools. The report provides recommendations for developing clean heating programs to stimulate market transformation toward more efficient and low-carbon heating.

› 80 pages, 8.5 x 11, paperback, 2022
ISBN 9789292693275
$27.00

Energy Efficiency in South Asia
Opportunities for Energy Sector Transformation

This report reviews the energy landscape in Bangladesh, Bhutan, India, Nepal, and Sri Lanka with the aim of supporting improved energy efficiency in these countries and the rest of South Asia.

Key sectors with the potential for significant energy reduction are identified for Bangladesh, Bhutan, Nepal, and Sri Lanka. The report analyzes the growth of energy consumption in each of the five countries as well as their major energy efficiency institutional arrangements, policies, initiatives and programs. Opportunities to enhance regional cooperation in energy efficiency and conservation in South Asia are also explored.

› 248 pages, 8.5 x 11, paperback, 2021
ISBN 9789292625566
$46.00

Hybrid and Battery Energy Storage Systems
Review and Recommendations for Pacific Island Projects

This publication highlights lessons from 26 case studies in the Cook Islands and Tonga. It provides recommendations on improving the implementation of battery energy storage and renewable energy-based hybrid electricity systems.

Small island developing states in the Pacific are urgently seeking to address the challenges of climate change, energy security, and energy access by generating more renewable energy and reducing their reliance on imported fossil fuels. The hybrid and battery energy storage implementation recommendations in this publication focus on the technical aspects of robust systems, procurement and contract management, and decision-making processes.

› 84 pages, 8.5 x 11, paperback, 2022
ISBN 9789292696610
$27.00

The Story of Lanka Electricity Company

This publication explores lessons from Sri Lanka’s experience of reforming electricity distribution through the Lanka Electricity Company, a distribution utility created in 1983.

It discusses the problems the company set out to resolve, its achievements, constraints, and emerging challenges and future directions. The work involved overhauling distribution systems, improving service standards, and establishing independent management.

› 78 pages, 8.5 x 11, paperback, 2022
ISBN 9789292695859
$27.00

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Environment, Climate Change, and Disaster Risk Management

**Article 6 of the Paris Agreement**

**Drawing Lessons from the Joint Crediting Mechanism (Version II)**

This publication examines the alignment of the Joint Crediting Mechanism (JCM) with the requirements under Article 6.2 of the Paris Agreement on the framework, national, and project levels.

The JCM is a project-based offset crediting mechanism implemented between Japan and 17 partner countries. It is considered a forerunner for voluntary cooperation using market-based mechanisms under Article 6.2 of the Paris Agreement. This publication is intended to help climate policy makers better understand the opportunities, potential synergies, and remaining challenges associated with developing new market-based mechanisms under Article 6.2.

- 124 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292691264
- $32.00

**Bangladesh Climate and Disaster Risk Atlas**

**Exposures, Vulnerabilities, and Risks—Volume II**

This Atlas is composed of Hazards—Volume I and Exposures, Vulnerabilities, and Risks—Volume II containing spatial information and thematic maps for assessing development in the agriculture and water sectors.

This two-volume atlas is intended to support the formulation of co-beneficial options for climate change adaptation and disaster risk reduction and management in Bangladesh.

- 98 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292692810
- $29.00

**Bangladesh Climate and Disaster Risk Atlas**

**Hazards—Volume I**

This Atlas is composed of Hazards—Volume I and Exposures, Vulnerabilities, and Risks—Volume II containing spatial information and thematic maps for assessing development in the agriculture and water sectors.

This two-volume atlas is intended to support the formulation of co-beneficial options for climate change adaptation and disaster risk reduction and management in Bangladesh.

- 280 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292692780
- $49.00

**Carbon Pricing for Green Recovery and Growth**

This publication discusses how carbon pricing instruments can be designed to help achieve net-zero greenhouse gas (GHG) emission targets while enabling economic recovery from the COVID-19 pandemic.

Carbon pricing is a key element of the broader climate policy architecture that can help countries reduce GHG emissions cost-effectively, while mobilizing fiscal resources to foster green recovery and growth. The publication introduces carbon pricing instruments that can help countries design and implement an efficient climate change response. It also underscores the important role of carbon pricing in achieving nationally determined contributions and developing road maps for longer-term net-zero GHG emission targets.

- 50 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292690991
- $23.00

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Climate Change Risk Profile of the Mountain Region in Sri Lanka

This publication studies the potential impact of climate change on Sri Lanka’s vulnerable mountain ecosystem to help guide sustainable adaptation strategies. It uses a mix of geographic information system mapping combined with average and projected rainfall figures to show how the area could be affected. Including a series of maps, the publication illustrates how the mountain region faces rising drought alongside increasingly severe monsoons that could cause more floods and landslides. It aims to help assess both future investments and strategies to cut disaster risk and enhance environmental sustainability in the bio-diverse mountain area.

- 54 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695149
- $24.00

Disaster-Resilient Infrastructure Unlocking Opportunities for Asia and the Pacific

This publication explores practical ways of providing disaster-resilient infrastructure along with significant co-benefits across Asia and the Pacific. Risks posed by natural hazards are expected to intensify as economies grow, urbanize, and grapple with climate change. Roads, bridges, power networks, and other infrastructure assets are central to people’s daily lives and economic opportunity: how such assets are planned, operated, and financed will shape resilience in the region. This publication takes a holistic view of practices that affect infrastructure resilience, including risk assessment, investment appraisal, and operation and maintenance across the life cycle of an infrastructure asset. It considers overarching approaches to achieving system-wide resilience and financing and governance objectives.

- 118 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292694890
- $30.00

Financing the Ocean Back to Health in Southeast Asia Approaches for Mainstreaming Blue Finance

This publication identifies investment approaches, opportunities, and finance mechanisms in Southeast Asia that can promote and catalyze funds for a sustainable ocean economy. It provides an overview of the “blue economy” and emphasizes its significance for protecting the biodiversity of natural resources in Southeast Asia. The “blue economy” is defined as the sustainable use of ocean and coastal resources to drive economic growth and improve livelihoods, while protecting and nurturing marine ecosystems. The publication looks how multilateral and bilateral funding sources, a market-based approach, incentives, and regulations can contribute to achieving a blue economy. It also discusses how these elements need to be aligned within a cohesive development framework.

- 76 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292691639
- $26.00

From Kyoto to Paris—Transitioning the Clean Development Mechanism

This publication provides insights on deliberations regarding the Clean Development Mechanism (CDM) transition and implications for Asia and the Pacific, in preparation for the 26th Conference of Parties (COP26). This publication aims to increase knowledge and understanding of the CDM transition along with its relevance to economies in the Asia and the Pacific. It is intended to help stakeholders in the region become better prepared to contribute to the finalization of the Article 6 Rulebook and move toward operationalizing Article 6 of the Paris Agreement.

- 68 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292690960
- $25.00

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Environment, Climate Change, and Disaster Risk Management

Greening Development in the People’s Republic of China
A Dynamic Partnership with the Asian Development Bank

This report underscores the dynamic partnership of the People’s Republic of China (PRC) and ADB in environmental protection and ecological conservation, rural economy, green livable cities, and climate change mitigation and adaptation.

The green development partnership between the PRC and ADB has evolved over the years. In the report, best practices, innovations, and lessons learned from this partnership offer insights for ADB, its developing member countries, and other development partners. The report also presents forward-looking directions for further collaboration by the PRC and ADB in pursuit of a more sustainable future.

- 64 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292690342
- $25.00

Implementing a Green Recovery in Southeast Asia

This report explains why Southeast Asian countries need to design pandemic recovery policies that hit both ambitious socioeconomic and environmental goals.

The third in a four-part series on COVID-19 Economic Recovery in Southeast Asia, the report considers the impact of COVID-19 on Cambodia, Indonesia, Myanmar, the Philippines, and Thailand to show how a green recovery can safeguard against future health crises. Analyzing areas including agriculture, cities, and oceans, the report lays out policy measures designed to identify, create, and finance green growth opportunities. It shows how COVID-19 has presented countries a chance to hit the reset button and build a socially, economically, and environmentally resilient future.

- 70 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695088
- $26.00

Integrating Nature-Based Solutions for Climate Change Adaptation and Disaster Risk Management
A Practitioner’s Guide

This guide explores the benefits of using nature-based solutions to promote sustainable and resource-efficient infrastructure.

Nature-based solutions are interventions to protect, restore, and sustainably manage natural or modified ecosystems to support both biodiversity and people’s well-being. This guide includes case studies from Bangladesh, Nepal, the People’s Republic of China, the Philippines, and Viet Nam. It considers challenges and opportunities and shows how nature-based solutions can be mainstreamed in the portfolio of ADB.

- 74 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695330
- $26.00

Multilateral Development Bank Support for Disaster-Resilient Infrastructure Systems

This publication explores how multilateral development banks (MDBs) can help improve the resilience of infrastructure given increasing climate and disaster risks.

It highlights opportunities in three areas: risk-informed planning, financing assistance, and knowledge building through regional and global networks. Examples from around the world illustrate some of the successes that have been achieved so far. The publication draws on a literature review, insights from stakeholders in developing member countries of ADB, and input from specialists in eight MDBs.

- 58 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292696825
- $24.00

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Environment, Climate Change, and Disaster Risk Management

**Road Map Update for Carbon Capture, Utilization, and Storage Demonstration and Deployment in the People's Republic of China**

This publication updates the 2015 carbon capture, utilization, and storage (CCUS) road map for the People's Republic of China (PRC).

Reflecting changes in CCUS and low-carbon development targets in the PRC since 2015, the publication highlights the role of CCUS in decarbonizing hydrogen production from fossil fuels; CCUS-readiness of the cement and iron and steel industries; recommendations on CCUS deployment under the 14th Five-Year Plan; and implications for CCUS of the PRC's ambition to achieve carbon neutrality by 2060. It was developed by ADB in consultation with the government of the PRC and other stakeholders.

- 60 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695583
- $25.00

**Sea-Level Change in the Pacific Islands Region**

A Review of Evidence to Inform Asian Development Bank Guidance on Selecting Sea-Level Projections for Climate Risk and Adaptation Assessments

This publication reviews available evidence to explore the strengths, weaknesses, and uncertainties associated with various sources of information on sea-level rise in the Pacific islands.

It aims to provide advisory standards for the planning, testing, and design of ADB projects in the area.

- 64 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292696443
- $25.00
Asia Bond Monitor
September 2022
This edition reviews developments in East Asian financial conditions and local currency bond markets. Long-term bond yields declined reflecting a dimming growth outlook while bond issuance achieved a record-high in the second quarter of 2022.

Yields on 10-year local currency government bonds dropped and yield curves flattened due to mounting risks and a dimming economic outlook between 15 June and 24 August. The record-high regional bond issuance during the second quarter was driven mostly by efforts to support economy recovery. Issuance in ASEAN member economies rose to $418.1 billion, growing 10.3% quarter-on-quarter, accounting for 17.5% of regional bond issuance. The region’s aggregate bond stock rose to $22.9 trillion at the end of June. Included in the report are market summaries for Hong Kong, China; Indonesia; Malaysia; the Philippines; the People’s Republic of China; the Republic of Korea; Singapore; Thailand; and Viet Nam.

Asia Bond Monitor
June 2022
This edition includes discussion of pandemic-related asset purchase programs, along with US monetary policy and financial market reactions in developing Asia.

This edition of the Asia Bond Monitor outlines developments in financial conditions and local currency bond markets in emerging East Asia. It discusses the impact of asset purchase programs carried out to facilitate market liquidity and stabilize bond prices. In addition, it examines the impacts of both conventional and unconventional US Federal Reserve monetary policy tools on exchange rates, equity market performances, bond yields, and portfolio flows in developing Asia.

Asia Bond Monitor
March 2022
This edition considers trends in financial conditions and developments in local currency bond markets in emerging East Asia. It includes the results of the 2021 bond market liquidity survey.

This edition of the Asia Bond Monitor also discusses the pricing of frequent green bond issuances, foreign participation in Asian local currency bond markets, and financial stability risks. It provides a summary of insights on progress toward greater efficiency and integrity in sustainable financial markets from the ADB–State Street Global Advisors Webinar Series.

Asia Bond Monitor
November 2021
This edition sets out developments in East Asian local currency bond markets and discusses the region’s economic outlook, the risk of another taper tantrum, and price differences between labeled and unlabeled green bonds.

Emerging East Asia’s local currency (LCY) bond markets expanded to an aggregate $21.7 trillion at the end of September 2021, posting growth of 3.4% quarter-on-quarter, up from 2.9% in the previous quarter. LCY bond issuance rose 6.8% quarter-on-quarter to $2.4 trillion in Q3 2021. Sustainable bond markets in ASEAN+3 also continued to expand to reach a size of $388.7 billion at the end of September 2021.
This first volume reviews micro, small, and medium-sized enterprises (MSMEs) at the country and regional levels. It covers Bangladesh, India, Nepal, Pakistan, and Sri Lanka, and examines MSME development, access to finance, and policies and regulations. It notes that revitalizing MSMEs by channeling more growth capital to them will be key to a resilient economic recovery from the pandemic. It highlights opportunities in formalizing MSMEs and connecting them to international markets, expanding digital skills, fostering technology-based start-ups, and supporting youth and women entrepreneurs.

This volume examines the experiences of Asia's micro, small, and medium-sized enterprises (MSMEs) during the first year of the pandemic and discusses post-pandemic policy actions for MSME development. The study draws on the findings of MSME surveys carried out during 2020 and 2021 in Indonesia, the Lao People's Democratic Republic, the Philippines, and Thailand. It offers insights on approaches that could best support a pandemic exit strategy and policies that could help revitalize the MSME sector during recovery in a way that creates more resilient economies.

This volume focuses on the digitalization of microfinance in Bangladesh to help make finance more affordable for small businesses, and finds it to be a promising avenue for further exploration.

Micro, small, and medium-sized businesses provide much of the income in rural Bangladesh, but their growth is constrained by limited access to affordable finance. This volume reports on a 2021 baseline study carried out in Bangladesh to pilot a randomized controlled trial to determine whether a digitalized group-based credit scheme could be introduced at an affordable price. The findings provide justification for further study on the digitalization of microfinance.

The volume presents a new pilot of the SME-DI that fills in missing data by using a probabilistic principal component analysis model. The researchers used pilot testing to generate a regional SME-DI for 15 countries in Southeast Asia and South Asia, based on the 2021 Asia Small and Medium-Sized Enterprise Monitor database. The study also constructed a national index for Viet Nam using business registration data.

For more information on ADB publications, visit www.adb.org/publications
Finance Sector Development

**Asia–Pacific Financial Inclusion Forum 2021 Emerging Priorities in the COVID-19 Era**

This publication identifies financial inclusion priorities to stimulate economic recovery and explores the challenges and opportunities of accelerated digital transformation.

The COVID-19 pandemic has highlighted the vital role of financial inclusion in supporting resilience and economic recovery among the most vulnerable populations in Asia and the Pacific. This publication proposes recommendations to aid policy makers and regulators. It shares insights from the 2021 Asia–Pacific Financial Inclusion Forum, a policy initiative of the Asia–Pacific Economic Cooperation Finance Ministers’ Process. It was prepared in collaboration with the APEC Business Advisory Council, the Asian Development Bank Institute, and the Foundation for Development Cooperation.

- 68 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292691905
- $25.00

**COVID-19 and the Finance Sector in Asia and the Pacific Guidance Note**

This publication highlights short–term actions that can mitigate pressures and medium–term policy considerations for finance sector resilience in the post–COVID-19 period.

The guidance note examines the effects of the COVID–19 on real economies and the measures taken to ease the impact. It notes risks to financial stability, such as an anticipated rise in nonperforming assets. Its recommendations include establishing a framework for epidemic risk financing, buttressing financial stability and macroprudential measures, developing insurance markets for risk sharing and transfer solutions, improving small, and medium–sized enterprise financing, and fostering digital transformation.

- 82 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292693220
- $27.00

**Detailed Guidance for Issuing Green Bonds in Developing Countries**

This publication provides guidance for bond issuers and their advisors on the process and key considerations for a successful green bond issuance.

Demand for green bonds and other sustainable finance products is increasing rapidly, and issuers are seeing an opportunity to be part of the green bond market. This publication covers all the steps required to follow best practices in labeling bonds as green. It includes examples, links to further details, and key resources for green bond issuers and their deal teams.

- 50 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292692841
- $23.00

**Economic Insights from Input–Output Tables for Asia and the Pacific**

This publication features a broad suite of statistical indicators characterizing the supply–and–use interactions of economic sectors within and across 25 economies of Asia and the Pacific.

The indicators include sector– and economy–specific multipliers and linkages, trade orientation and openness, participation in global value chains, patterns of product specialization, and domestic agglomeration, among many others. Supplementing these analyses are special chapters on the economic impacts of the COVID–19 pandemic, the contribution of the digital economy, and the significance of activities related to real estate. All analyses and indicators draw on the Multiregional Input–Output database maintained by ADB.

- 364 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292696368
- $58.00
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For more information on ADB publications, visit www.adb.org/publications
Finance Sector Development

Nonperforming Loans in Asia and Europe—Causes, Impacts, and Resolution Strategies

This book traces trends in nonperforming loans (NPLs) during and after financial crises in Asia and Europe. It examines the impact of high NPLs, compares the effectiveness of resolution strategies, and explores policy considerations.

The volume highlights the need for decisive and comprehensive policy action to help manage NPLs swiftly. It explores the legal and economic conditions conducive to NPL resolution, the role of asset management companies, the potential of technological solutions, and the importance of regional financial cooperation. It provides insights to help policymakers chart a course through the financial and economic fallout of the COVID-19 pandemic to recovery and sustained financial stability in Asia, Europe, and beyond. The publication is a collaborative project of ADB, the European Central Bank, and the Joint Vienna Institute.

Southeast Asia Rising from the Pandemic

This publication offers a comprehensive regional-level analysis and gives a rundown of how eight Southeast Asian countries dealt with and are now beginning to recover from COVID-19.

It looks at how countries have reshaped their economies and considers the impact of job losses as COVID-19 sent development gains into reverse. Against a backdrop of global headwinds and looming climate change, it recommends how policymakers can weave lessons from the pandemic into their drive for a resilient and inclusive recovery.

The Bond Market in Indonesia

An ASEAN+3 Bond Market Guide Update

This publication provides updates on the bond market in Indonesia since 2017. The ASEAN+3 Bond Market Guide series provides information on the investment climate, rules, laws, opportunities, and characteristics of bond markets in Asia and the Pacific. It aims to help bond market issuers, investors, and financial intermediaries understand the local context and encourage greater participation in the region’s rapidly developing bond markets. This edition updates the ASEAN+3 Bond Market Guide 2017: Indonesia.

The Bond Market in Thailand

An ASEAN+3 Bond Market Guide Update

This publication provides updates on the bond market in Thailand since 2016. The ASEAN+3 Bond Market Guide series provides information on the investment climate, rules, laws, opportunities, and characteristics of bond markets in Asia and the Pacific. It aims to help bond market issuers, investors, and financial intermediaries understand the local context and encourage greater participation in the region’s rapidly developing bond markets. This edition updates the ASEAN+3 Bond Market Guide 2016: Thailand.

Nonperforming Loans in Asia and Europe—Causes, Impacts, and Resolution Strategies

314 pages, 6 x 9, paperback, 2021
ISBN 9789292691158
$40.00

Southeast Asia Rising from the Pandemic

124 pages, 8.5 x 11, paperback, 2022
ISBN 9789292694050
$32.00

The Bond Market in Indonesia

80 pages, 8.5 x 11, paperback, 2021
ISBN 9789292691998
$27.00

The Bond Market in Thailand

44 pages, 8.5 x 11, paperback, 2021
ISBN 9789292691936
$23.00
Finance Sector Development

Toward Inclusive Access to Trade Finance
Lessons from the Trade Finance Gaps, Growth, and Jobs Survey

Drawing on a decade of surveys, this report discusses trade finance trends and identifies how access to trade finance can become more inclusive.

A persistently large trade finance gap is an ongoing global challenge, particularly for small and medium-sized enterprises, which continue to face significant barriers to access financing. Since 2012, ADB has conducted a Trade Finance Gaps, Growth, and Jobs Survey. Reflecting on the survey results, the report provides insights on trade finance trends, analysis, and lessons and identifies what needs to happen to ensure access to trade finance is more inclusive. The report discusses the rapid digitalization in trade and trade finance markets and advocates for increased international cooperation to enable the full benefits of digitization to be realized.

- 72 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292697075
- $26.00

Gender and Development

Gender and Development

Financial Instruments to Strengthen Women’s Economic Resilience to Climate Change and Disaster Risks

This publication explores good practices in the use of financial instruments to enhance women’s economic resilience to disasters caused by natural hazard events and extreme weather conditions.

Gender inequalities and limited access to resources constrain women’s ability to withstand and recover from financial shocks and economic distress arising from disasters. The publication provides recommendations for policy makers and regulators, development partners, and financial service providers on facilitating the development, design, and promotion of financial products and services to address this issue. It emphasizes the importance of financial inclusion and identifies distribution channels to ensure that low-income earning women have access to these financial products and services.

- 48 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292696474
- $23.00

Gender and Development

Court Companion on Gender-Based Violence Cases

The Court Companion on Gender-Based Violence Cases navigates international law and Pakistan’s domestic legal framework for an analysis of applicable legal norms to make justice more accessible to victims of gender-based violence.

Affecting one in three women in the world, gender-based violence is pervasive but invisible. Social taboos, patriarchal norms, and gender-unsensitized legal frameworks prevent victims from attaining justice. This publication is particularly useful for judges, prosecutors, and other justice sector stakeholders. It is also for anyone interested in pursuing justice, holding perpetrators accountable, and providing effective redress and reparation to victims of gender-based violence.

- 266 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292690465
- $46.00

Gender and Development

Gender-Inclusive Legislative Framework and Laws to Strengthen Women’s Resilience to Climate Change and Disasters

This report provides guidance on how to integrate gender equality in laws and policies on climate change and disaster management in ADB’s developing member countries.

Globally, women are disproportionately impacted by climate change and disasters due to gender inequalities and limited opportunities to participate in decision-making processes. The report provides a conceptual framework and good practice guide to improve gender equality in this space based on international norms and examples of national laws. It also demonstrates how gender-responsive laws and policies can contribute to women’s resilience to climate change and disasters. The report was developed for the use of governments, policy-makers, organizations, and individuals engaged in gender-responsive legislative reforms.

- 138 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292692209
- $33.00

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Women’s Resilience in Fiji
How Laws and Policies Promote Gender Equality in Climate Change and Disaster Risk Management

This report discusses how Fiji’s laws and policies could help tackle gender inequalities in relation to climate change and disaster risk management.

Globally, women are disproportionately impacted by climate change and disasters due to gender inequalities and limited opportunities to participate in decision-making processes. Addressing this imbalance requires the integration of gender equality in laws and policies on climate change and disaster risk management, as well as ensuring gender equality in building social and economic resilience. This publication shares findings from a gender analysis of Fiji’s national legal and policy frameworks and provides recommendations to help address gaps.

52 pages, 8.5 x 11, paperback, 2022
ISBN 9789292696856
$24.00

Women’s Resilience in Mongolia
How Laws and Policies Promote Gender Equality in Climate Change and Disaster Risk Management

This report provides a gender analysis of national laws and policies in Mongolia to inform efforts to strengthen women’s resilience to climate change and disasters.

The report presents findings of a gender analysis of national legal and policy frameworks of Mongolia and discusses whether laws, policies, and strategies consider gender inequalities as they relate to climate and disaster risk management. It includes recommendations to address gaps in sector laws and policies affecting women’s resilience to climate change and disasters in Mongolia.

50 pages, 8.5 x 11, paperback, 2022
ISBN 9789292695828
$24.00

Women’s Resilience in the Lao People’s Democratic Republic
How Laws and Policies Promote Gender Equality in Climate Change and Disaster Risk Management

This report provides a gender analysis of national laws and policies in the Lao People’s Democratic Republic to inform efforts to strengthen women’s resilience to climate change and disasters.

Globally, women are disproportionately impacted by climate change and disasters due to gender inequalities and limited opportunities to participate in decision-making processes. This report presents findings of a gender analysis of national legal and policy frameworks in the Lao People’s Democratic Republic and discusses whether laws, policies, and strategies consider gender inequalities as they relate to climate and disaster risk management. It includes recommendations to address gaps in sector laws and policies affecting women’s resilience to climate change and disasters in the country.

52 pages, 8.5 x 11, paperback, 2022
ISBN 9789292695798
$24.00

A Comparative Analysis of Tax Administration in Asia and the Pacific
Fifth Edition

This edition provides analysis of tax systems and their administration in 38 economies across the region as a resource for revenue bodies seeking to boost fiscal capacity weakened by the pandemic.

Topics covered include features of an effective tax reform strategy, the use of innovative technologies, taxing the digital economy, and international cooperation to help crack down on tax loopholes. The publication enables revenue bodies to benchmark their administration against similar economies in the region to help improve performance. The comparable data and analysis are based largely on the 2020 round of the International Survey on Revenue Administration.

192 pages, 8.5 x 11, paperback, 2022
ISBN 9789292695170
$39.00

For more information on ADB publications, visit www.adb.org/publications
Governance and Public Management

A Comprehensive Assessment of Tax Capacity in Southeast Asia
This publication identifies technical, policy, and administrative tax capacity issues faced by 10 countries in Southeast Asia and explores measures to strengthen domestic resource mobilization (DRM).

Prior to the COVID–19 pandemic, developing countries in Southeast Asia were not achieving a tax yield of 15% of gross domestic product—the level considered to be the minimum for sustainable development.

This publication looks into potential policy and administrative measures that can strengthen DRM and foster international tax cooperation as the region reels from the impacts of the pandemic.

A Governance Approach to Urban Water Public–Private Partnerships Case Studies and Lessons from Asia and the Pacific

This publication explores lessons from case studies on the governance of public–private partnerships (PPPs) in the water and sanitation sector in Asia and the Pacific.

It aims to support governments and private practitioners in meeting the challenge of providing universal access to water and sanitation in the region’s fast-growing cities. The report suggests three key areas for action. First, governments can establish a water governance framework supported by capable public institutions, a buoyant revenue regime, and transparent targeted subsidies. Second, they can develop the enabling environment through a sector-specific PPP strategy, rigorous project preparation, and a sound fiscal framework. Third, they can embed transaction design that incorporates bankability, balanced risk allocation, efficient and competitive procurement, and clear performance metrics linked to payment.

Modernizing Local Government Taxation in Indonesia
This report presents the challenges and achievements of the Tax Revenue Administration Modernization and Policy Improvement in Local Governments (TRAMPIL) project in Indonesia to help subnational governments boost local-source tax revenues.

TRAMPIL, supported by ADB, offers policy recommendations in the context of Indonesia’s economic and legal parameters on regional autonomy. The provincial, city, and regency governments in the country typically rely on the central government for financial support. A shift toward the collection of their own tax revenues would strengthen local governments’ autonomy and encourage accountability to their communities.

Contingent Valuation of Nonmarket Benefits in Project Economic Analysis A Guide to Good Practice

Accounting for the value of nonmarket benefits and costs is an essential part of project economic analysis. The contingent valuation method (CVM) is a stated preference approach used in many areas of public policy, including water supply and sanitation, health, tourism, and cultural heritage. This book aims to support practitioners who are engaged to prepare and implement CVM studies as part of investment appraisal.

For more information on ADB publications, visit www.adb.org/publications
This report, the first of its kind, provides a comparative picture of the experiences and perceptions of the business community in the Lao People’s Democratic Republic in complying with government regulations by gender.

It presents the findings of the second Provincial Facilitation for Investment and Trade survey in the Lao People’s Democratic Republic that shed light on women’s participation in economic activities and the constraints that women entrepreneurs face in doing business. It notes that women entrepreneurs reported that their business registration takes longer and costs more. The report urges the government to train staff to overcome hidden gender biases and make it easier for women to create and run businesses.

- 68 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292694371
- $25.00

This report presents the findings of the second Provincial Facilitation for Investment and Trade survey in the Lao People’s Democratic Republic.

The ProFIT index aims to measure how well provinces support private sector development, notably through economic governance measures that are under their mandate. The report shares analysis in six key areas: (i) ease of starting a business, (ii) transparency and access to information, (iii) regulatory burden, (iv) informal charges, (v) consistency in policy implementation, and (vi) business friendliness of the provincial administration. It notes improvements in the business environment across all provinces because of progress made in registration requirements.

- 74 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292693862
- $26.00

This report shows why Southeast Asian countries need to consider fresh taxation policies after many struggled to finance massive public expenditure programs to combat COVID-19.

The second in a four-part series on COVID-19 Economic Recovery in Southeast Asia, it considers the impact of the pandemic on countries including Cambodia and Thailand to lay out steps policymakers can take to create healthier fiscal spaces. It illustrates the challenges around informality, collection, and progressivity, and details quick-fix measures designed to increase revenues. It emphasizes how preventing fraud, taxing wealth, and introducing environmental levies can help reduce poverty, tackle inequality, and contribute toward more sustainable growth.

- 42 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695057
- $23.00

This report reviews the progress of regulatory and policy reforms in Nepal and offers lessons to help refine the country’s fiscal federalism framework according to the provisions of the 2015 Constitution.

Nepal has taken concrete steps to shape intergovernmental relations reflecting fiscal decentralization since the 2015 Constitution was introduced. Legislative elaboration and implementation of federalism are advanced, yet multiple challenges still need to be addressed. Lessons identified in this report can help the Government of Nepal adopt and refine its fiscal federalism framework, as well as support stakeholders contemplating a similar state transition in other countries.

- 70 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292696245
- $26.00

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Governance and Public Management

Sustainable Tourism After COVID-19
Insights and Recommendations for Asia and the Pacific

This publication examines tourism in Asia and the Pacific, the impacts on it of the COVID-19 pandemic, and how it might be reset to contribute more effectively to the Sustainable Development Goals.

The report highlights six pathways for promoting systemic change in the sector: a value-driven approach, decarbonization, tourism-led regeneration, diversification, improved governance, and sustainable finance. It provides concrete recommendations on how policymakers and industry stakeholders can leverage tourism to foster sustainable development and a green recovery in Asia and the Pacific.

- 92 pages, 8.5 x 11, paperback, 2021
  ISBN 9789292692568
  $28.00

Value for Money in Public–Private Partnerships
An Infrastructure Governance Approach

This technical note explains why countries should cement strong public private partnerships (PPP) to bridge deep funding gaps and build the climate-resilient infrastructure they need.

It analyzes how the pandemic and government worries over value for money have combined with business’ concerns over investment risk to dampen regional PPP deals. Providing a checklist for countries to rate projects, it explains why robust governance and strategic planning is critical to the success of public–private deals. It underscores that embracing the private sector is crucial to build sustainable infrastructure that can boost jobs, stimulate growth, and support an inclusive recovery.

- 50 pages, 8.5 x 11, paperback, 2022
  ISBN 9789292694197
  $23.00

Health

Compound Risk Analysis of Natural Hazards and Infectious Disease Outbreaks

This study explores the potential impacts of compounding risk between natural hazards and infectious disease outbreaks such as the recent COVID-19 pandemic in the Central Asia Regional Economic Cooperation (CAREC) region.

Compound risk occurs when two or more shock events overlap, inducing additional pressure on social and physical vulnerabilities. As part of the study, scenarios of a natural hazard occurring during an outbreak are created for each CAREC country. The study concludes that compound risk may pose a challenge for the CAREC region in terms of elevated costs of response due to higher operational complexity, longer timelines required for reconstruction, and higher procurement costs resulting from supply interruptions or price shocks. It is therefore important to consider compound risk when investing in disaster risk management.

- 56 pages, 8.5 x 11, paperback, 2022
  ISBN 9789292694500
  $24.00

Country Diagnostic Study on Long-Term Care in Indonesia

This publication presents a study on the availability and provision of long-term care (LTC) in Indonesia. It discusses findings from the analysis and offers recommendations for the development of LTC systems in the country.

Contributing to the development of an in-depth knowledge base on LTC, the publication explores the need for and supply of care, regulatory and policy frameworks, service provision, quality management, human resources, and financing. It is one of six country diagnostic studies—the others on Mongolia, Sri Lanka, Thailand, Tonga, and Viet Nam—prepared under ADB technical assistance 9111: Strengthening Developing Member Countries’ Capacity in Elderly Care.

- 94 pages, 8.5 x 11, paperback, 2021
  ISBN 9789292691219
  $28.00

For more information on ADB publications, visit www.adb.org/publications
**Country Diagnostic Study on Long-Term Care in Tonga**

This publication presents a study on the availability and provision of long-term care (LTC) in Tonga. It discusses findings from the analysis and offers recommendations for the development of LTC systems in the country.

The publication explores the need for and supply of care, regulatory and policy frameworks, service provision, quality management, human resources, and financing. It aims to contribute to the development of an in-depth knowledge base on LTC. It is one of six country diagnostic studies—the others on Indonesia, Mongolia, Sri Lanka, Thailand, and Viet Nam—prepared under ADB technical assistance 9111: Strengthening Developing Member Countries’ Capacity in Elderly Care.

- 84 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292691080
- $27.00

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**Facilitating Trade in Vaccines and Essential Medical Supplies Guidance Note**

This guidance note provides insights on enhancing trade facilitation to strengthen responses to the current pandemic and future health emergencies.

COVID-19 has highlighted the need for new investments and reforms to prepare for future pandemics and other crises. Timely, accurate information is required to support national and international responses. This guidance note aims to help build a shared framework for understanding trade facilitation and border health issues in the context of the COVID-19 pandemic. It discusses effective manufacturing supply chains and equal vaccine distribution, the efficient flow of vaccines and medical goods across borders, and funding modalities for trade facilitation and regional public goods.

- 44 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292693831
- $23.00

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**Good Practice Guidance for the Management and Control of Asbestos Protecting Workplaces and Communities from Asbestos Exposure Risks**

This publication aims to increase awareness of the health risks associated with asbestos in the workplace and provides recommendations and checklists on avoiding and managing the risks of exposure.

Occupational exposure to asbestos is estimated to lead to more than 230,000 deaths globally every year. This publication provides guidance on the duties of employers and contractors in minimizing risks from asbestos; training requirements; and the identification, containment, safe removal, and management of asbestos waste.

- 60 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292693701
- $23.00

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**Pandemic Preparedness and Response Strategies COVID-19 Lessons from the Republic of Korea, Thailand, and Viet Nam**

Drawing on case studies from the Republic of Korea, Thailand, and Viet Nam, this publication highlights successful strategies, mechanisms, and innovations in early COVID-19 pandemic response in Asia and the Pacific.

Across the region, diverse approaches are being taken to mitigate COVID-19. The case studies presented here focus on analyzing pandemic-related challenges in the context of universal health coverage. They identify and describe good practices and lessons learned in emergency and crisis planning, management, and coordination along with whole-of-government and whole-of-society approaches to pandemic response.

- 56 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292690748
- $24.00
Health

Wellness for a Healthy Asia
This book sets out concrete policy options for promoting wellness among all Asians.

Wellness, or the active pursuit of holistic health, can contribute to sustainable development. The book takes stock of wellness in the region, including the growing wellness economy. It discusses policies in four crosscutting areas: creating a healthy built environment, supporting physical activity, encouraging healthy diets, and enhancing wellness in the workplace. It notes the importance of a lifelong wellness policy framework and of investments in infrastructure such as community recreation centers and green parks in poor neighborhoods, as well as health education campaigns.

302 pages, 8.5 x 11, paperback, 2021
ISBN 9789292628420
$52.00

Poverty and Social Development

Building Resilience of the Urban Poor in Indonesia
This report identifies climate resilience solutions for urban poor in Indonesia and their enabling factors, building on national policies and programs and taking into account the priority sectors for climate-resilient development.

Climate risk threatens Indonesia’s socioeconomic development, and it is likely to exacerbate the plight of Indonesians living below and close to the poverty line. Urban areas are hot spots of such risk, disproportionately impacting the lives, livelihoods, and well-being of the poor and near poor who often live in slums and informal settlements. Growing urbanization and increasing climate risk make it imperative to strengthen the resilience of the urban poor through interventions that promote coping, incremental, and transformational strategies.

118 pages, 8.5 x 11, paperback, 2022
ISBN 9789292691028
$31.00

Overcoming COVID-19 in Bhutan
Lessons from Coping with the Pandemic in a Tourism-Dependent Economy
This publication assesses the Government of Bhutan’s financial relief measures for the most affected people, as well as programs and other interventions to address the impact of the COVID-19 pandemic.

The strategic thrust of interventions for the sector is based on striking the right balance between the immediate need to engage the economically displaced while simultaneously initiating major reforms and investments for a sustainable reopening.

32 pages, 8.5 x 11, paperback, 2021
ISBN 9789292692261
$21.00

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Practical Responses to Real Problems
Eight Poverty Reduction Cases from the Asian Development Bank – Volume 2

This publication presents eight case studies of recent ADB projects that highlight innovative interventions and effective approaches to reduce poverty.

The case studies include projects in Bangladesh, the Cook Islands, India, Nepal, Pakistan, Papua New Guinea, and the People’s Republic of China. Together they focus on four themes: ensuring equality and inclusion, caring for the environment, securing food for all, and sustaining prosperity through access to finance. The publication builds on the first volume of poverty reduction case studies published in 2019.

- 48 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292696092
- $23.00

The Road to Better Long-Term Care in Asia and the Pacific
Building Systems of Care and Support for Older Persons

This report shares insights on capacity building for long-term care in six countries at different stages of population aging: Indonesia, Mongolia, Sri Lanka, Thailand, Tonga, and Viet Nam.

It explores these countries’ long-term care systems and their particular circumstances and challenges. It also examines what they have in common and highlights good practices that may be helpful to other countries facing similar issues. The report draws on insights from ADB technical assistance project Strengthening Developing Member Countries’ Capacity in Elderly Care.

- 52 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695392
- $24.00

Regional Cooperation and Integration

Aid for Trade in Asia and the Pacific
Leveraging Trade and Digital Agreements for Sustainable Development

This report explores how aid for trade can be modernized to support Asia and the Pacific’s recovery from the COVID-19 pandemic and progress toward the Sustainable Development Goals.

Aid for trade has an important role to play in supporting pandemic recovery, especially for the region’s lower-middle-income and least developed countries. Aid for trade can help by supporting forward-looking trade and digital policies that reduce vulnerability, strengthen resilience, and foster economic growth. This report looks at how aid for trade should be modernized so it reflects new economic and trade realities including the risk of global value chains disruptions, preference erosion, the emergence of new digital technologies, and the rising need for regional cooperation.

- 142 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292696580
- $34.00
Regional Cooperation and Integration

An Analysis of the Product-Specific Rules of Origin of the Regional Comprehensive Economic Partnership

This publication analyzes the Product-Specific Rules of Origin (PSRO) of the Regional Comprehensive Economic Partnership (RCEP) and other free trade agreements and proposes policy options. The report compares RCEP with the ASEAN Trade in Goods Agreement and the Comprehensive and Progressive Agreement for Trans-Pacific Partnership. It looks at the main rules of origin provisions of the three free trade agreements and discusses differences and similarities in how they were drafted. The study compares the stringency and leniency of RCEP PSRO with that of the other agreements and identifies where PSRO among the three are converging. Its findings provide the basis for policy recommendations to leverage RCEP to simplify rules of origin across Asia and the Pacific.

Asia–Pacific Regional Cooperation and Integration Index Enhanced Framework, Analysis, and Applications

This report discusses the enhanced framework of the Asia–Pacific Regional Cooperation and Integration Index (ARCII) that now includes digital connectivity and environmental cooperation among other innovations for monitoring progress. The ARCII has been used for monitoring progress in various dimensions of regional cooperation and integration (RCI) in Asia and the Pacific since 2017. With these new features of the ARCII, the report explores the links between regional and global economic integration and sheds light on the application of the index to RCI analysis and policy strategies for Asia and Pacific economies.

ASEAN Corporate Governance Scorecard Country Reports and Assessments 2019

This report assesses the corporate governance performance of 582 top publicly listed companies in Indonesia, Malaysia, the Philippines, Singapore, Thailand, and Viet Nam using the revised ASEAN Corporate Governance Scorecard (ACGS). The mean total score of top publicly listed companies rated increased by 12% in 2019 compared to 2017, showing improvement in corporate governance practices. The revised ACGS comprises five parts based on the Organisation of Economic Co-operation and Development’s principles: shareholders’ rights, equitable treatment of shareholders, stakeholders’ role, disclosure and transparency, and board responsibilities.

Asia-Pacific Trade Facilitation Report 2021


This report reviews the impact of trade facilitation initiatives in Asia and the Pacific since the COVID-19 pandemic began and discusses how to increase supply chain resilience. Supply chain disruptions caused by the pandemic have underscored the need for digital and paperless trade procedures. A special chapter examines the pandemic’s impact on the supply chains of critical goods such as vaccines, personal protective equipment, and food, and provides policy suggestions for enhancing supply chain resilience and trade facilitation. This is the third biennial progress report on trade facilitation implementation in Asia and the Pacific jointly prepared by ADB and the United Nations Economic and Social Commission for Asia and the Pacific.
Asian Economic Integration Report 2022
Advancing Digital Services Trade in Asia and the Pacific

This report explores how Asia and the Pacific can capitalize on growing opportunities in digital services through structural reforms and international cooperation.

Another year into the COVID-19 pandemic, the report describes an Asia and Pacific region that has more experience in tackling pandemic hardships, better data showing positive integration trends, and greater confidence in regional cooperation to address shared concerns. The publication gives an overview of changes in trade and global value chains, cross-border investment, financial integration, and the movement of people since the pandemic began.

- 300 pages, 8.5 x 11, paperback, 2022
  - ISBN 9789292693619
  - $51.00

BIMSTEC Master Plan for Transport Connectivity

The Master Plan presents a comprehensive 10-year strategy and action plan for improving the subregion’s transport linkages across the Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC) member states.

It is intended to guide actions and promote synergies among various connectivity frameworks and help achieve sustainable development of the region. A specific framework is presented here for organizing a set of policies, strategies, and projects toward realizing a shared vision of peace, prosperity, and sustainability. With BIMSTEC’s unique geographical position as a bridge linking South and Southeast Asia, this document is also relevant to its neighboring regions. BIMSTEC was established as a regional organization in June 1997 to promote free trade within the region, increase cross-border investment and tourism, and promote technical cooperation.

- 162 pages, 8.5 x 11, paperback, 2022
  - ISBN 9789292690694
  - $36.00

Building Resilience to Future Outbreaks
Infectious Disease Risk Financing Solutions for the Central Asia Regional Economic Cooperation Region

This study provides a review of infectious disease risk financing schemes to draw lessons and recommend solutions for the Central Asia Regional Economic Cooperation (CAREC) member countries.

The CAREC region was badly affected by the COVID-19 pandemic. Prearranged financing for shock events greatly enhances the cost-efficiency and effectiveness of response, but this was virtually nonexistent for infectious disease risk prior to the COVID-19 outbreak. The study offers some recommendations to strengthen disaster risk management strategies and public sector budget resilience of CAREC member countries.

- 52 pages, 8.5 x 11, paperback, 2022
  - ISBN 9789292693367
  - $24.00

CAREC Digital Strategy 2030
Accelerating Digital Transformation for Regional Competitiveness and Inclusive Growth

The Central Asia Regional Economic Cooperation (CAREC) Digital Strategy 2030 aims as a catalyst for regional cooperation on digital technologies among the program’s member countries.

The strategy provides a mechanism to promote policy design, capacity building, and dialogue on digital technologies to address social and economic challenges posed by the rapid development of disruptive technologies and the COVID-19 pandemic. It seizes the opportunity to leverage digital technologies to recover and build-back-better.

- 84 pages, 8.5 x 11, paperback, 2022
  - ISBN 9789292693640
  - $27.00
Regional Cooperation and Integration

CAREC Health Strategy 2030
The study reviewed the health sector challenges and progress in the Central Asia Regional Economic Cooperation region and recommends establishing a regional health coordination mechanism and developing a regional health strategy and investment framework.

The strategy aims to enhance health security through regional cooperation. It has four main pillars: (i) leadership and human resource capacity, (ii) technical preparedness, (iii) surge demands and access to supplies, and (iv) vulnerable population groups and border health. It is intended as a tool to guide CAREC health cooperation, dialogue and knowledge exchange, programming and mobilize new project financing.

74 pages, 8.5 x 11, paperback, 2022
ISBN 9789292695200
$26.00

Developing the Services Sector for Economic Diversification in CAREC Countries
This study underscores the potential for greater economic diversification through robust development of seven key services subsectors and industries in members of the Central Asia Regional Economic Cooperation (CAREC) Program.

The services sector is becoming a key driver of economic development in most CAREC members. The economies in the region also need to adopt a coherent and comprehensive approach to the balanced development of these interdependent services subsectors. Enabling conditions such as good governance, competitive markets, strong regional cooperation and integration, efficient labor markets, and high quality physical and digital infrastructure are crucial.

148 pages, 8.5 x 11, paperback, 2021
ISBN 9789292692414
$34.00

CAREC Road Safety Engineering Manual 5
Star Ratings for Road Safety Audit
This manual sets out how to combine road safety audits with the International Road Assessment Programme methodology in a star ratings system.

This system, Star Ratings for Road Safety Audits, will help policy makers and practitioners involved in designing, upgrading, and rehabilitating roads to meet safety targets and reduce injuries from traffic accidents.

70 pages, 8.5 x 11, paperback, 2022
ISBN 9789292695941
$26.00

E-Commerce in CAREC Countries Infrastructure Development
This technical study examines the state of e-commerce infrastructure among the Central Asia Regional Economic Cooperation (CAREC) countries looking at internet payment systems, delivery, and logistics infrastructure.

Digital trade promotion has been a long-standing priority for member countries of the CAREC Program to support their integration into global value chains and economic diversification. The study underscores the importance of enabling legislation, digital literacy, and creation of trust. Comprehensive strategy; adequate data for policy making; and support for e-commerce ecosystems, industry associations, and start-ups could nurture e-commerce markets. In addition, CAREC countries must leverage international and regional initiatives to expand domestic and cross-border e-commerce and promote digital trade.

108 pages, 8.5 x 11, paperback, 2022
ISBN 9789292694104
$30.00
Regional Cooperation and Integration

Economic Corridor Development in Pakistan

Concept, Framework, and Case Studies

This study examines the potential of economic corridor development to support Pakistan’s sustainable growth. It describes the country’s effort to enhance domestic and international connectivity and includes some international good practices for economic corridor development in other countries. It concludes that political commitment at the highest government levels and coordination among diverse government agencies are essential to developing economic corridors.

- 150 pages, 8.5 x 11, paperback, 2022
  ISBN 9789292693428
  $35.00

Fostering Regional Cooperation and Integration for Recovery and Resilience

Guidance Note

This guidance note explains how wider, deeper, and more open regional cooperation and integration in Asia and the Pacific can support resilience and recovery from the pandemic.

The publication identifies opportunities for regional cooperation and integration to complement national efforts in fostering an inclusive, sustainable, and resilient recovery. Cooperation can be widened to include regional health security, trade in ICT-enabled services, and financial safety nets. It can be deepened to reach more stakeholders and sectors. It can also become more open through flexible collaboration beyond existing subregional frameworks and greater sharing of knowledge and expertise.

- 32 pages, 8.5 x 11, paperback, 2022
  ISBN 9789292693190
  $21.00

Greater Mekong Subregion COVID-19 Response and Recovery Plan 2021–2023

The Greater Mekong Subregion (GMS) COVID-19 Response and Recovery Plan 2021–2023 complements the national recovery plans of the GMS countries, which aims to facilitate regional cross-border cooperation.

The focus is on human and animal health to prevent the spread of diseases along with additional support for vulnerable and returning migrants and assistance in reestablishing economic activities. It represents a project implementation mechanism for the GMS Economic Cooperation Program Strategic Framework 2030.

- 24 pages, 8.5 x 11, paperback, 2021
  ISBN 9789292627218
  $20.00

Fostering Asian Regional Cooperation and Open Regionalism in an Unsteady World

2019 Conference Highlights

This report explores how cross-border and regional cooperation can strengthen green energy capabilities, develop a shared ocean-based economy, improve trade, reduce inequalities, and help build sustainable livelihoods.

The report summarizes insights from a conference on regional cooperation and integration organized by ADB. It notes the importance of collaboration with the private sector in financing climate-resilient infrastructure, bolstering inclusive growth, and harnessing new technologies.

- 54 pages, 8.5 x 11, paperback, 2021
  ISBN 9789292691967
  $24.00

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Regional Cooperation and Integration

Pacific Economic Monitor
August 2022
The Pacific region is expected to grow by 4.7% in 2022 and 5.4% in 2023 as most economies emerge from the worst of the pandemic-induced downturn.

This issue of the Pacific Economic Monitor focuses on building and financing resilience to climate change and disasters. It also explores the impacts on the region of the Russian invasion of Ukraine, such as higher commodity prices.

Pacific Economic Monitor
December 2021
This issue of the Pacific Economic Monitor explores how the region can reopen and rebuild. Besides safely resuming travel and protecting health, a resilient recovery will depend on promoting fiscal sustainability and strengthening economic management, including regional cooperation to revitalize tourism.

- 48 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292692292
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• Connect and collaborate with experts from ADB and beyond

development.asia
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Pakistan’s Economy and Trade in the Age of Global Value Chains
This publication examines the economy and trade of Pakistan in the context of global value chains (GVCs), or cross-border production networks. The report combines innovative analytical tools with the latest available data to explore Pakistan’s involvement in GVCs. It produces indicators on factors including Pakistan’s rate of GVC participation, its patterns of specialization, and the price competitiveness of its exports. It is a joint publication with the Islamic Development Bank Institute.

- 70 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292691547
- $26.00

Promoting Local Currency Sustainable Finance in ASEAN+3
This report provides an update on the local currency sustainable bond markets in the Association of Southeast Asian Nations and Japan, the People’s Republic of China, and the Republic of Korea (ASEAN+3).

Historically, green bonds have dominated the sustainable debt market in ASEAN+3, but the COVID-19 pandemic has spawned the next generation of social- and sustainability-labeled instruments to fund a broader range of environmental and social benefits. This report provides a comprehensive summary of regional developments, identifies existing obstacles and challenges, highlights green investment opportunities in key sectors, and offers practical recommendations to further develop sustainable local currency bond markets in ASEAN+3.

- 112 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695767
- $30.00

Potential Exports and Nontariff Barriers to Trade Bhutan National Study
This publication explores how Bhutan could boost its exports by addressing nontariff barriers to trade. It focuses on sanitary and phytosanitary measures and technical barriers to trade, and on export products that have the potential to increase their market share in Bangladesh, India, Maldives, Nepal, and Sri Lanka. It considers options including legal reforms, the upgrade of quality standards and laboratory equipment, and institution building of accrediting bodies and conformity assessment bodies. Practical recommendations suggest ways forward for both the public and private sectors.

- 108 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292691059
- $30.00

Recent Technological Advances in Financial Market Infrastructure in ASEAN+3 Cross-Border Settlement Infrastructure Forum
This report identifies and examines six key technologies that are transforming fundamental financial market infrastructure and will serve as a springboard for the technological advancement of financial market infrastructure in the region.

This report ascertains the most current status of technology adoption by Cross-Border Settlement Infrastructure Forum member organizations. They include central securities depositories and central banks in the Association of Southeast Asian Nations and Japan, the People’s Republic of China, and the Republic of Korea (ASEAN+3) region.

- 104 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695736
- $29.00
Globalization and digitalization have transformed the financial landscape of ASEAN+3. Despite impressive reforms, the region faces continued challenges. These include deepening corporate bond markets, coping with cross-border bank concentration risk, reducing dependence on the United States dollar, achieving sustainable infrastructure investments, addressing pension issues, and supporting fintech development. This edited volume highlights the potential for stronger regional financial cooperation to help address such challenges. It discusses lessons learned through financial cooperation since the Asian financial crisis and sets out policy considerations to help promote a more resilient financial future.

Redefining Strategic Routes to Financial Resilience in ASEAN+3

This book explores how regional financial cooperation could support greater financial resilience in the Association of Southeast Asian Nations and Japan, the People’s Republic of China, and the Republic of Korea (ASEAN+3), amid rapid economic and financial development and technological change.

Regional Cooperation and Integration

Road Asset Management Systems and Performance-Based Road Maintenance Contracts in the CAREC Region

This publication explains how the 11 member countries of the Central Asia Regional Economic Cooperation (CAREC) Program can build safer and more competitive transport corridors for people and goods.

Road Safety Report Card for the CAREC Region

This report provides a snapshot view of road safety conditions in 11 Central Asia Regional Economic Cooperation (CAREC) member countries.

Regional Cooperation and Integration Corporate Progress Report 2017–2020

ADB Support for Regional Cooperation and Integration across Asia and the Pacific during Unprecedented Challenge and Change

This report highlights the results of ADB operations to support regional cooperation and integration (RCI) completed during 2017–2020.

The report outlines how ADB managed its support for RCI, and how the bank continued leading development partners in assisting major RCI subregional programs. It notes that, in the medium term, promoting wider, deeper, and more open RCI to support the region’s recovery will require further resources. These include a broader base of quality RCI skills and financial resources mobilized from within and outside ADB. The report follows the 2017 ADB corporate progress report on RCI and is the first such report under ADB’s Strategy 2030.

Road Asset Management Systems and Performance-Based Road Maintenance Contracts in the CAREC Region

This publication explains how the 11 member countries of the Central Asia Regional Economic Cooperation (CAREC) Program can build safer and more competitive transport corridors for people and goods.

It gives an overview of each country’s road network and identifies how to better collect data to bolster road asset management systems and improve planning. Highlighting the benefits of sharing best practices, the publication offers tips on how to fine-tune performance-based road maintenance contracts. It also shows that by efficiently using budgets, countries can maintain and manage vital transport arteries to help boost sustainable development in the region.

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Regional Cooperation and Integration

Special Economic Zones in the Indonesia–Malaysia–Thailand Growth Triangle Opportunities for Collaboration
This publication explains why Indonesia, Malaysia, and Thailand need to ramp up cooperation to boost their special economic zones (SEZs) and spur sustainable growth.

Mapping out and assessing the economic performance of SEZs across the subregion, the publication highlights the threats they face from digital technologies, rising competition for foreign investment and international trade standoffs. Against the backdrop of COVID-19, it details a range of practical steps designed to increase trade, create jobs, and build economic resilience across the three countries.

- 172 pages, 8.5 x 11, paperback, 2022
  ISBN 9789292691516
  $37.00

Supporting Post–COVID–19 Economic Recovery in Southeast Asia
This report shows why Southeast Asian countries need to prioritize core sectors ranging from tourism to digital trade as they hammer out policies to boost post–COVID–19 recovery and secure a greener future.

The first in a four-part series on COVID–19 Economic Recovery in Southeast Asia, the report looks at the pandemic’s impact on Cambodia, Indonesia, Myanmar, the Philippines, and Thailand, relative to the need for multistakeholder taskforces that can help core industries recover and grow. It shows why policymakers need a sector–based approach and highlights strong medium-term opportunities. The report underscores how deepening regional cooperation can help countries recover from the pandemic and build more resilient economies and societies.

- 116 pages, 8.5 x 11, paperback, 2022
  ISBN 9789292695026
  $31.00

Strengthening Trade along the Dhaka–Kolkata Route For a Prosperous and Integrated South Asia
The economies of Bangladesh and India are driven by fast-growing bilateral trade. This study examines some of the key bottlenecks to trade on land between Dhaka and Kolkata, and provides recommendations on how to address them.

The efficient movement of goods between the two countries is essential to their economic growth. However, inefficient procedures at land crossings, paired with infrastructure constraints on both sides of the border, inflate the time and costs of conducting trade. Reducing traffic congestion along the major routes, and improving facilities and clearance procedures at the border crossings can significantly improve trade between Bangladesh and India, and contribute to more robust economic growth across the South Asia Subregional Economic Cooperation zone as a whole.

- 60 pages, 8.5 x 11, paperback, 2021
  ISBN 9789292692117
  $25.00

The Regional Comprehensive Economic Partnership Agreement A New Paradigm in Asian Regional Cooperation?
This report compares the Regional Comprehensive Economic Partnership (RCEP) with other free trade agreements and suggests how policy makers can promote its successful implementation.

The analysis in this report aims to support policy makers and negotiators in RCEP implementation by identifying areas where further work is needed to make the agreement more attractive to firms and investors. The report shows that despite RCEP’s shortcomings it presents valuable opportunities to deepen regional economic integration. Critically important are the agreement’s built–in provisions and economic and technical cooperation measures that make it possible to expand its depth and coverage in the future.

- 128 pages, 8.5 x 11, paperback, 2022
  ISBN 9789292694920
  $32.00

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A Practical Guide to Concrete Pavement Technology for Developing Countries

This practical and comprehensive guide sets out key considerations in using concrete pavement for roads.

Many countries are exploring the use of concrete to improve the durability and reliability of their road networks. However, many developers, agencies, and companies in the construction industry do not yet have sufficient experience in the use of concrete pavement. This can lead to poorly planned, supervised, or executed infrastructure that requires premature and costly repairs or maintenance. This guide explains the key issues to consider and how to avoid potential risks when planning and constructing concrete pavement.

- 124 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292693107
- $31.00

Soil Bioengineering for Infrastructure Development in Cambodia

A Study on Vetiver Grass and Liquid Soil Catalysts for Road Projects

This report presents the advantages of soil bioengineering and proposes a research program on Vetiver grass and liquid soil catalysts for road and other infrastructure projects in Cambodia.

The comprehensive research program involves six trials on National Road 23 in Kandal Province and on Provincial Road 312 in Prey Veng Province. It aims to determine the suitability of Vetiver grass for slope protection and the potential of liquid soil catalysts for improving soil-bearing capacity. The proposal emphasizes the need to develop knowledge products and increase awareness on soil bioengineering for infrastructure development.

- 56 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292693923
- $24.00

Realizing India’s Potential for Transit-Oriented Development and Land Value Capture

A Qualitative and Quantitative Approach

This study assesses how the implementation of transit-oriented development (TOD) can help address urban development issues in India.

In the context of metro rail systems, TOD has much potential to promote inclusive and sustainable urban mobility. It can also enhance the livability and resilience of cities through better integration of land use policies and the development of the transport network. TOD presents an opportunity to utilize land value capture mechanisms to augment cities’ finances. The study seeks to understand key achievements and challenges of TOD implementation in selected major cities in India. It also explores why synchronized interaction between TOD measures and land use regulations is essential to maximize the socioeconomic benefits of metro rail investments.

- 72 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695972
- $26.00

Tajikistan Transport Sector Assessment

This publication provides an overview of the transport sector in Tajikistan, along with major development constraints, the government’s strategies and plans, and assistance provided by ADB and other development partners.

Tajikistan is a landlocked country in Central Asia. Transport plays an essential role for ensuring connectivity and facilitating movement of goods and people within the country and along borders shared with its neighbors in the region. The publication serves as a basis for dialogues on ADB’s future collaboration with the Government of Tajikistan to promote the transport sector’s development effectively in the coming years.

- 68 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292692148
- $25.00

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Transport

The Asia–Pacific Road Safety Observatory’s Indicators for Member Countries

This report prepared by an Asia–Pacific Road Safety Observatory (APRSO) taskforce analyzes how improving crash and accident data collection can better protect lives on the region’s roads.

It looks at the type of data countries should prioritize and explains why bolstering data quality would help reach targets of halving road injuries and deaths. APRSO recommends collecting aggregated data to analyze trends and set strategic priorities. In presenting a sample questionnaire for countries, it shows that generating robust data and analysis is key to improving actions and policies on road safety for the region.

58 pages, 8.5 x 11, paperback, 2022
ISBN 9789292693558
$25.00

Urban Development

Beating the Heat: Investing in Pro-Poor Solutions for Urban Resilience

This publication examines opportunities for pursuing pro-poor urban resilience initiatives to reduce the increasing impacts of heat stress faced by urban populations in Asia and the Pacific.

Cities in the region are increasingly at risk of heat waves, which are expected to be more severe and persistent due to global warming. The urban poor are especially vulnerable to heat stress and associated health and productivity impacts as they often work outdoors and tend to live in overcrowded housing without adequate ventilation or cooling. The publication emphasizes that policies and investments to address heat stress in cities need to be based on long-term planning and actions at all scales: individual and household, neighborhood, and city.

102 pages, 8.5 x 11, paperback, 2022
ISBN 9789292696337
$29.00

Urban Development

Fair Shared City: Guidelines for Socially Inclusive and Gender-Responsive Residential Development

This publication aims to help build cities’ capacity in enhancing social inclusion and gender-responsiveness in residential development.

The guidelines were prepared in collaboration with Tbilisi City Hall, Georgia. They are intended for use by urban planners, architects, and others interested in residential development in Tbilisi. It is hoped they will also be a useful resource for urban development in other contexts.

106 pages, 8.5 x 11, paperback, 2022
ISBN 9789292693398
$30.00

Fair Shared Green and Recreational Spaces—Guidelines for Gender-Responsive and Inclusive Design

Tbilisi Municipality

These guidelines recommend development features and design specifications for inclusive green space provision in Tbilisi, Georgia.

This publication aims to inform the sustainable development of Tbilisi to give residents a better quality of life while protecting their heritage and preserving the green landscape. The guidelines identify priorities for improvements and for ensuring that limited resources are targeted at the areas of most need. They were developed jointly by ADB and the Municipal Department of Environmental Protection of Tbilisi City Hall.

106 pages, 8.5 x 11, paperback, 2022
ISBN 9789292693138
$26.00

For more information on ADB publications, visit www.adb.org/publications
Inclusive Cities—Urban Area Guidelines

The guidelines provide universal design solutions, accessibility standards, and case studies on inclusive urban development that accommodate the needs of the marginalized, especially persons with disabilities and the elderly.

The guidelines aim to support designers and decision-makers responsible for new infrastructure developments in Georgia to ensure they contribute toward the creation of inclusive and livable cities. These are relevant for replication across the wider Central and West Asia region and other ADB developing member countries.

- 140 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292693169
- $34.00

Solid Waste Management Sector in Pakistan

A Reform Road Map for Policy Makers

This publication suggests how Pakistan could strengthen solid waste management and in doing so reduce its greenhouse gas emissions.

It provides guidance on improving and expanding waste collection and disposal services for municipal, industrial, electronic, and hospital waste. It outlines waste management options and key considerations in setting up a waste management system. The publication also discusses consolidating data on the waste generated, calculating historical emissions from the waste sector and projections, and establishing an institutional framework.

- 46 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292693961
- $23.00

Informal Services in Asian Cities

Lessons for Urban Planning and Management from the COVID-19 Pandemic

This book explores urban informality in Asian cities and looks how the informal sector’s contribution to inclusive and sustainable growth can be enhanced.

While supporting the livelihoods of most of the developing world’s urban poor, the informal sector also deprives them of basic services and social protection. Rendered vulnerable to socioeconomic threats, people in the urban informal sector have suffered disproportionately during the COVID-19 pandemic and face a highly uncertain future. The book explores informality’s forms and constraints in Asian cities. It describes the pandemic’s effects on the informal sector and how leveraging informal services can enable urban resilience. Drawing on interdisciplinary research, the book illustrates the transformative potential of urban planning and governance that addresses informality. It also details measures that could boost the informal sector’s inclusive and sustainable growth potential.

- 416 pages, 6 x 9, paperback, 2022
- ISBN 9789292697167
- $47.00

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Straight Talk from Development Experts

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From the Ground Up
How Khulna City Shifted Its Water Supply System from Salinated, Diminishing Groundwater to Surface Water

The publication captures the knowledge and lessons from a water supply project in the coastal city of Khulna in Bangladesh in addressing the worsening salinity levels in the water sources.

The transition from groundwater to surface water or conjunctive use can be costly and technically complex. The Khulna Water Supply Project, cofinanced by ADB and the Japan International Cooperation Agency, developed a new surface water source and avoided the recurring high costs of desalination treatment technology. The project financed an entirely new system—from intake to tap—for 65% of the city's population. The transformative changes from the project were possible with the newly established Khulna Water Supply and Sewerage Authority, only the third of its kind in the country.

Mainstreaming Water Resilience in Asia and the Pacific Guidance Note

Asia and the Pacific is the most disaster-prone region in the world and water is the primary medium through which the impacts of climate change are felt. Resilient water management is central to achieving climate adaptation, managing and better preparing for natural and public health threats, and addressing water scarcity issues. The guidance note is based on six pillars: (i) demand for resilient water investments; (ii) a community approach; (iii) strengthened staff capacity; (iv) knowledge, innovation, and partnerships; (v) finance for water resilience; and (vi) digitalization.

Guidelines for Mainstreaming Natural River Management in Water Sector Investments

This publication provides guidance on how natural river management (NRM) approaches can be applied in water sector investments to promote sustainable development, protect biodiversity, and conserve natural resources.

The NRM approach is designed to harness the natural functions of river systems so they sustainably provide important services such as water supply and flood and drought management. Drawing heavily on the concepts of ecosystem services, integrated water resources management, and integrated river basin management, NRM aims to harmonize nature-based solutions and nonstructural measures with engineering interventions. This publication explains the value of NRM and provides step-by-step guidance on how the approach can be systematically integrated into water sector investments.

Review of Opportunities for the Pacific WASH Sector

This publication reviews the water, sanitation, and hygiene (WASH) sector in the Pacific. It proposes recommendations to strengthen the sector to help address the pandemic and build long-term resilience and sustainability.

The report provides an overview of the WASH sector in Pacific island countries in the context of the COVID-19 pandemic. It highlights the urgency of strategic WASH interventions and provides recommendations for ADB and its partners. It highlights opportunities to (i) promote more investment in the sector, (ii) strengthen the capacity of WASH providers to improve access to and quality of services, and (iii) address WASH for health more comprehensively through coordinated approaches.

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A Sourcebook for Engaging with Civil Society Organizations in Asian Development Bank Operations

This publication provides guidance on how civil society organizations (CSOs) can be more effectively engaged in ADB operations to maximize the benefits for its developing member countries.

With their unique strengths and specialized knowledge of their communities and constituencies, CSOs have an essential role to play in creating a more prosperous, inclusive, resilient, and sustainable Asia and the Pacific. To contribute to this, the publication provides advice, templates, and tips for ADB staff and country officials to use when designing, implementing, and monitoring ADB-financed operations.

- 146 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292692445
- $34.00

ADB Client Perceptions Survey 2020
Multinational Survey of Stakeholders

The ADB Perceptions Survey 2020 seeks to determine whether ADB is meeting the evolving needs of its developing member countries on providing innovative and client-centered financial and knowledge products and services.

This publication presents the results gathered from survey respondents representing more than 40 countries in Asia and the Pacific, and more than 20 in other regions. Key findings reveal high level of familiarity with ADB together with a positive trend in the overall usefulness of ADB knowledge products, and services. Conversely, responsiveness and collaboration with developing partners necessitates for improvement.

- 84 pages, 8.5 x 11, paperback, 2021
- ISBN 9789292690878
- $27.00

Developing a Dynamic Country Knowledge Plan for ADB Developing Member Countries

This manual outlines the steps for preparing a dynamic country knowledge plan to help ADB provide demand-driven and just-in-time knowledge support to its developing member countries.

The dynamic country knowledge plan involves regular consultation with the partner government. It focuses on achieving knowledge outcomes linked to the country partnership strategy, to help address development challenges.

- 40 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292694593
- $22.00

Japan Fund for Prosperous and Resilient Asia and the Pacific User Guide

This guide is designed to help Japan Fund for Prosperous and Resilient Asia and the Pacific (JFPR) clients develop proposals in accordance with JFPR requirements.

JFPR is a partnership between the Government of Japan and ADB that helps people move above the poverty threshold and toward sustainable prosperity and resilience. The guide illustrates the requirements stipulated in the JFPR Implementation Guidelines. It provides best practices, examples, tips, and suggestions to help JFPR users and clients tailor proposals to the fund’s requirements to ensure smooth project processing and efficient implementation.

- 76 pages, 8.5 x 11, paperback, 2022
- ISBN 9789292695705
- $27.00
Reflections on 30 Years of the Asian Development Bank Administrative Tribunal

This publication presents essays written by judges and international experts in labor mediation and arbitration in celebration of the 30th anniversary of ADB’s Administrative Tribunal.

Among the main topics covered are reflections on key decisions made by the Administrative Tribunal, strengthening the internal justice system, and reliefs and remedies. The publication also looks back on the history of the Administrative Tribunal, along with its commitment to being independent, just, and accessible—as key to lasting industrial peace.

120 pages, 8.5 x 11, paperback, 2021
ISBN 9789292691844
$31.00

The Asian Development Bank’s Knowledge Management in Action
Vision, Learning, and Collaboration

This book tells ADB’s knowledge management journey over the decades and highlights its evolving role as a key provider of technical advice, valuable information, and profound understanding in and about Asia and the Pacific.

Since 1966, ADB has been committed to building a knowledge base out of its vast experience in the region, and this book features case studies on some of the bank’s many successes as part of this journey. As a vibrant learning organization, ADB aims for and encourages collaboration; it serves as a platform for sharing ideas, knowledge, and experience throughout the region and beyond.

200 pages, 8.5 x 11, paperback, 2021
ISBN 9789292691790
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