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Evaluating Water Institutions and Water Sector Performance



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Evaluating Water Institutions And Water Sector Performance

**Chennat Gopalakrishnan, Cecilia
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Evaluating Water Institutions And Water Sector Performance:

Evaluating Water Institutions and Water Sector Performance R. Maria Saleth, 1999-01-01 Physical limits to fresh water expansion an emerging reality in many parts of the world make absolute water scarcity inevitable The inability of the already developed water supply to meet an ever growing demand for fresh water also makes the emergence of relative water scarcity unavoidable Water scarcity both in its absolute and relative forms gets accentuated further by an increasing premium attached to water quality and ecological sustainability The water sector has undergone remarkable changes in recent years While past achievements were associated mainly with investment in new physical structures recent developments in the water sector are associated to a greater extent with improved management and institutional changes Although both the nature and direction of these institutional changes vary by country specific economic political cultural and resource realities there are clearly identifiable trends and patterns This report suggests a new methodology to shed light on the process of institution performance interaction It demonstrates the use of the methodology by applying it to an extensive cross country data set and by deriving policy guidance based on the results The authors aim to stimulate thought and debate about methodologies and strategies to be used in order to evaluate institutional change and institution performance interactions in the water sector

Water Institutions: Policies, Performance and Prospects Chennai Gopalakrishnan, Cecilia Tortajada, Asit K. Biswas, 2005-02-22 This is a global survey and assessment of the structure evolution and performance of water institutions administration policies and regulatory practices in regional national and international settings The coverage includes analysis and discussion of the rationale for institutional innovations based on case study findings specific suggestions for sustainable institutional design and recommendations for implementing institutional reforms

Strategic analysis of water institutions in India: Application of a new research paradigm Saleth, Rathinasamy Maria, 2004 The overall objective of this paper is to outline the analytical framework and theoretical approach underlying a new research paradigm and illustrate how this paradigm can be used for the strategic analysis of water institutions by applying it to the Indian context

The Institutional Economics of Water R. Maria Saleth, Ariel Dinar, 2004-01-01 This publication examines issues of water sector reform and performance from the perspectives of institutional economics and political economic studies The authors develop an alternative quantitative assessment methodology based on the principle of institutional ecology as well as data collected from 127 water experts from 43 countries and regions around the world using a cross country review of recent water sector reforms within an institutional transaction cost framework

Handbook on Climate Change and Agriculture Ariel Dinar, Robert O. Mendelsohn, 2011-01-01 this book is a very useful resource for the lawyer makes a good start by presenting a wide ranging portfolio of multidisciplinary research that will assist in progressing the task challenging though it may be Chris Rodgers Environmental Liability This book explores the interaction between climate change and the agriculture sector Agriculture is essential to the livelihood of people and nations especially in the developing

world therefore any impact on it will have significant economic social and political ramifications Scholars from around the world and from various fields have been brought together to explore this important topic The contributions found here analyze direct agronomic effects the economic impacts on agriculture agricultural impacts on the economy agricultural mitigation and farmer adaptation The authors argue that climate change is likely to have an extensive impact on agriculture around the world through changes in temperature precipitation concentrations of carbon dioxide and available water flows This thorough and timely volume is an invaluable resource for anyone interested in exploring the impacts of climate change in arguably the most important sector of the world economy Economists agronomists and climate modelers in academia and the public sector policy analysts and development agency staff and graduate postgraduate students will find this remarkable volume a welcome addition to their collection

Irrigation and Water Policies in the Mekong Region François Molle, 2005 This report documents current irrigation and water policies in the Mekong countries It successively reviews planning issues water policies and legal frameworks the setting up of water policy apex bodies participatory policies and IWRM river basin management

Brazil, Managing Water Quality Sérgio Margulis, 2002 Annotation This study focuses on water resources management water supply and sanitation and environmental management in Brazil

Rural Water Systems for Multiple Uses and Livelihood Security M. Dinesh Kumar, Yusuf Kabir, A. J. James, 2016-05-03 Rural Water Systems for Multiple Uses and Livelihood Security covers the technological institutional and policy choices for building rural water supply systems that are sustainable from physical economic and ecological points of view in developing countries While there is abundant theoretical discourse on designing village water supply schemes as multiple use systems there is too little understanding of the type of water needs in rural households how they vary across socio economic and climatic settings the extent to which these needs are met by the existing single use water supply schemes and what mechanisms exist to take care of unmet demands The case studies presented in the book from different agro ecological regions quantify these benefits under different agro ecological settings also examining the economic and environmental trade offs in maximizing benefits This book demonstrates how various physical and socio economic processes alter the hydrology of tanks in rural settings thereby affecting their performance also including quantitative criteria that can be used to select tanks suitable for rehabilitation Covers interdisciplinary topics deftly interwoven in the rural context of varying geo climatic and socioeconomic situations of people in developing areas Presents methodologies for quantifying the multiple water use benefits from wetlands and case studies from different agro ecologies using these methodologies to help frame appropriate policies Provides analysis of the climatic and socioeconomic factors responsible for changes in hydrology of multiple use wetlands in order to help target multiple use water bodies for rehabilitation Includes implementable models for converting single use water supply systems into multiple use systems

Phnom Penh Water Story Asit K. Biswas, Pawan K. Sachdeva, Cecilia Tortajada, 2020-12-10 This book analyses how a water utility from a developing country Phnom Penh Water Supply Authority

that was totally dysfunctional corruption ridden and literally bankrupt in 1993 became one of the most successful water utilities of the developing world in only about 15 years By 2010 some of the performance indicators of this public sector utility were even better than London Paris or Los Angeles The book further analyses the enabling conditions that made this remarkable transformation possible Based on this analysis a framework is recommended for water utilities from developing countries so that they can also be transformed into functional efficient equitable and financially viable institutions on a sustainable basis *Institutional Reform for Irrigation and Drainage* Fernando J. Gonzalez, Salman M. A. Salman, 2002-01-01

If sustainable management of tropical forests is to be accomplished and deforestation brought under control the on the ground performance of existing forest concessions along with the allocation of new concessions will have to be strengthened This study examines the failures of forest concessions and the loss of tropical forests due to mismanagement during the last two decades It also emphasizes the potential gains resulting from strengthening the allocation management and supervision of concessions by concentrating on improving procedures introducing performance incentives and monitoring key performance elements *Institutional Elements of Tax Design and Reform* John McLaren, 2003 *Water Governance, Policy and Knowledge Transfer* Cheryl De Boer, Joanne Vinke-de Kruijf, Gül Özerol, Hans Th. A. Bressers, 2013-05-29

In an increasingly global community of researchers and practitioners new technologies and communication means have made the transfer of policies from one country or region to another progressively more prevalent There has been a lot of attention in the field of public administration paid to policy transfer and institutional transplantation This book aims to create a better understanding of such transfers in the water management sector These include the adoption of modern water management concepts such as integrated water resources management and forms of water governance which are strongly promoted and sometimes also imposed by various international organizations Transfers also occur within the scope of development aid or for the purpose of creating business opportunities In addition many research organisations consultancies and governmental agencies are involved in cross border work The purpose of this book is therefore to present practical examples of the transfer of modern water management from one locality to another and to critically discuss the transferability of policy and governance concepts by analysing the contextual needs and factors Case studies are included from North America Europe the Middle East and Asia It is argued that in many cases context matters in water management and that there is no panacea or universal concept that can be applied to all countries or regions with different political economic cultural and technological contexts Yet it is also shown that some countries are facing pressing and similar water management issues that cut across national borders and hence the transfer of knowledge may be beneficial *Privatizing Water* Karen Bakker, 2013-02-15

Water supply privatization was emblematic of the neoliberal turn in development policy in the 1990s Proponents argued that the private sector could provide better services at lower costs than governments opponents questioned the risks involved in delegating control over a life sustaining resource to for profit companies Private sector

activity was most concentrated and contested in large cities in developing countries where the widespread lack of access to networked water supplies was characterized as a global crisis In *Privatizing Water* Karen Bakker focuses on three questions Why did privatization emerge as a preferred alternative for managing urban water supply Can privatization fulfill its proponents expectations particularly with respect to water supply to the urban poor And given the apparent shortcomings of both privatization and conventional approaches to government provision what are the alternatives In answering these questions Bakker engages with broader debates over the role of the private sector in development the role of urban communities in the provision of public services and the governance of public goods She introduces the concept of governance failure as a means of exploring the limitations facing both private companies and governments Critically examining a range of issues including the transnational struggle over the human right to water the commons as a water supply management strategy and the environmental dimensions of water privatization *Privatizing Water* is a balanced exploration of a critical issue that affects billions of people around the world

Competition Policy and Regulation Michael Faure,Xinzhu Zhang,2011-01-01 This unique book considers competition policy and regulation in light of the recent introduction of the anti monopoly law in China It addresses the relevance of competition policy for China from a broad theoretical and practical perspective bringing together lawyers and economists from China Europe and the US to provide an integrated law and economics approach Given that the development of the Chinese anti monopoly law in China was heavily reliant on a comparative approach the contributors analyse how its text and practice actually compare to European and US legislation The first cases in which Chinese anti monopoly law were applied are explored and both competition law and competition policy are discussed in detail Topics include industrial and professional regulation and their relationship to competition law merger control substantive competition law issues cartels and abuse of dominance and predation This unique book will prove a fascinating read for competition lawyers economists with a special interest in regulation and competition and for practitioners concerned with competition policy and regulation

Water Utility Benchmarking Sanford Berg,2010-03-31 Benchmarking is essential for those developing and implementing water policy If decision makers do not know where they have been or where they are it would seem to be impossible to set reasonable targets for future performance Information on water sewerage system WSS operations investments and outputs is essential for good management and oversight This book is designed to help decision makers identify the data required for performance comparisons over time and across water utilities to understand the strengths and limitations of alternative benchmarking methodologies and to perform or commission benchmark studies This book provides an overview of the strengths and limitations of different methodologies for making performance comparisons over time and across water utilities metric benchmarking In addition it identifies ways to determine the robustness of performance rankings Current benchmarking activities in Latin America Asia Africa Central Europe Asia and OECD nations are summarized Five basic approaches to benchmarking characterize current studies Core

indicators and a summary or overall performance Indicator partial metric method Performance scores based on production or cost estimates total methods Performance relative to a model company engineering approach Process benchmarking and Customer survey benchmarking This volume is of interest to the water professionals water utility managers and senior staff of regulatory agencies professionals in related government agencies and consultants Visit the IWA WaterWiki to read and share material related to this title <http://www.iwaterwiki.org/xwiki/bin/view/Articles>

InfrastructureRegulationStateOwnedEnterprisesVsInvestor ownedInfrastructureOperators **Improved water and land management in the Ethiopian highlands: its impact on downstream stakeholders dependent on the Blue Nile. Intermediate Results Dissemination Workshop held at the International Livestock Research Institute (ILRI), Addis Ababa, Ethiopia, 5-6 February 2009.** Awulachew, Seleshi Bekele,Erkossa, Teklu,Smakhtin, Vladimir,Fernando, Ashra,2009-11-24 This proceeding provides the papers and discussion results of a two day workshop that was organized at International Water Management Institute IWMI office in Addis Ababa during the period of February 6 8 2009 in relation to CPWF Project 19 Improved water and land management in the Ethiopian Highlands and its impact on downstream stakeholders dependent on the Blue Nile Short title Upstream Downstream USDS in the Nile The project is being under implementation during the last one and half years in partnership with various institutions that include International Livestock Research Institute Cornell University Omdurman Islamic University UNESCO Chair in Water Resources Addis Ababa University Bahir Dar University Amhara Regional Agricultural Research Institute and Forum for Social Studies The main aims of the workshop had been Bring together key stakeholders relevant to the project Present debate and validate the intermediate results of the project Disseminate key results to wider audiences through workshop participating stakeholders Follow up on the progress of the project and plan remaining tasks of the project The workshop focus themes were General characterization of the Blue Nile Basin Watershed modeling and analysis Water demand and allocation modeling and simulation Policy and institutions of the water management in the Blue Nile basin **Pricing Irrigation Water** Yacov Tsur,2010-09-30 As globalization links economies the value of a country s irrigation water becomes increasingly sensitive to competitive forces in world markets Water policy at the national and regional levels will need to accommodate these forces or water is likely to become undervalued The inefficient use of this resource will lessen a country s comparative advantage in world markets and slow its transition to higher incomes particularly in rural households While professionals widely agree on what constitutes sound water resource management they have not yet reached a consensus on the best ways of implementing policies Policymakers have considered pricing water a debated intervention in many variations Setting the price right some say may guide different types of users in efficient water use by sending a signal about the value of this resource Aside from efficiency itself an important policy objective equity accessibility and implementation costs associated with the right pricing must be considered Focusing on the examples of China Mexico Morocco South Africa and Turkey Pricing Irrigation Water

provides a clear methodology for studying farm level demand for irrigation water This book is the first to link the macroeconomics of policies affecting trade to the microeconomics of water demand for irrigation and in the case of Morocco to link these forces to the creation of a water user rights market This type of market reform the contributors argue will result in growing economic benefits to both rural and urban households *Water Policy Science and Politics* M. Dinesh Kumar,2018-03-07

Water Policy Science and Politics An Indian Perspective presents the importance of politics and science working together in policymaking in the water sector Many countries around the developed and developing world including India are experiencing major water scarcity problems that will undoubtedly increase with the impacts of climate change This book discusses specific topics in India s water agriculture and energy sectors focusing on scientific aspects academic and political discourse and policy issues The author presents cases from the interrelated sectors of water resources supplies sanitation and energy and climate including controversial topics that illustrate how science and politics can work together Challenges the linear and conventional approaches to water management and water policymaking in India that are also applicable in developing countries across South Asia and Sub Saharan Africa Presents best practice ideas and methods that help science and politics work together Highlights a key gap of communication between science and policy in water research with solutions on how this can be addressed *The World Bank Research Program 2001* World Bank,World Bank Staff,2001-01-01

This publication is a compilation of reports on research projects initiated under way or completed in fiscal year 2001 July 1 2000 through June 30 2001 The abstracts cover 150 research projects from the World Bank and grouped under 11 major headings including poverty and social development health and population education labor and employment environment infrastructure and urban development and agriculture and rural development The abstracts detail the questions addressed the analytical methods used the findings to date and their policy implications Each abstract identifies the expected completion date of each project the research team and reports or publications produced **The Irrigation Future of India**

A. Narayanamoorthy,2022-02-02 This book aims to bring forth and address the major issues confronting the irrigation sector of India and also to suggest policy pointers to sustain it As the policy and reform canvas is large for a huge and diverse country this book has particular focus on the most important and immediate issues and future options The chapters not only focus on new research in depth analysis and technical details but also provide a balanced review of the state of irrigation sector and comprehensive presentation of major issues challenges and future options With the presentation of in depth analysis and synthesis of available knowledge the work can act as a handbook for major irrigation water issues actual policy changes and potential reform that could turnaround the sector Given the temporal and spatial data analysis of the irrigation sector this book will be effective and useful as a research and teaching tool to students and researchers both in India and globally Besides its professional audience within the academic research and policy community the non technical format of the book will appeal to a general audience in the media policy and donor circles

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