

# Indigenous Knowledge Systems In The Philippines

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Draft Springer

There has been a growth in the use, acceptance, and popularity of indigenous knowledge. High rates of poverty and a widening economic divide is threatening the accessibility to western scientific knowledge in the developing world where many indigenous people live.

Consequently, indigenous knowledge has become a potential source for sustainable development in the developing world. The Handbook of Research on Theoretical Perspectives on Indigenous Knowledge Systems in Developing Countries presents interdisciplinary research on knowledge management, sharing, and transfer among indigenous communities. Providing a unique perspective on alternative knowledge systems, this publication is a critical resource for sociologists, anthropologists, researchers, and graduate-level students in a variety of fields.

## **Indigenous Peoples' Knowledge Systems and Protecting Biodiversity Informing Science**

This volume contains a selection of papers written for two conferences: "Changing values and attitudes of agricultural research and extension towards indigenous agricultural knowledge systems" in Amsterdam, 1988 and "Indigenous knowledge systems: implications for agriculture and international knowledge systems" in Washington, 1988

Indigenous Knowledge Systems Springer Nature

Indigenous knowledge systems (IKS) comprises knowledge developed within indigenous societies, independent of, and prior to, the advent of the modern scientific knowledge system (MSKS). Examples of IKS such as Ayurveda from India and Acupuncture from China are well known. IK covers diverse areas of importance for society, spanning issues concerned with the quality of life - from agriculture and water to health. The IK resident in India and China have high relevance to rural life, especially given the level of engagement with agricultural and health technologies. The goal is to establish a heuristic whereby IK can be reviewed and evaluated within particular contexts to determine if the IKS can lead to the development of appropriate technology (AT) addressing that need sustainably. Although much work on cataloguing and documenting IKS has been completed in these two countries, a paucity of attention has been paid to the scientific rationale and technological content of these IKS. Evaluation of many indigenous technologies reveal that many of these technologies can be classified as 'appropriate', focused on basic needs of water, sanitation and agriculture, and many have origins in IKS that survived. Thus, IKS must be validated, exploited and integrated into AT innovation and development.

Mdpi AG

This text explores the multidisciplinary context of African Indigenous Knowledge Systems from scholars and scholar activists committed to the interrogation, production, articulation, dissemination and general development of endogenous and indigenous modes of intellectual activity and praxis. The work reinforces the demand for the decolonization of the academy and makes the case for a paradigmatic shift in content, subject matter and curriculum in institutions in Africa and elsewhere – with a view to challenging and rejecting disinformation and intellectual servitude. Indigenous intellectual discourses related to diverse disciplines take center stage in this volume with a focus on education, mathematics, medicine, chemistry and engineering in their historical and contemporary context.

Indigenous knowledge systems and climate change management in Africa  
CRC Press

Indigenous knowledge systems (IKS) are a combination of knowledge systems encompassing technology; social, economic, and philosophical learning; or educational, legal, and governance systems. The lack of documentation of these systems presents a problem as the knowledge is fading away over time. In response, it is essential that policies and strategies are undertaken to ensure that these systems are protected and sustained for generations to come. The Handbook of Research on Protecting and Managing Global Indigenous Knowledge Systems is a comprehensive reference source that works to preserve indigenous knowledge systems through research. Focusing on key concepts such as tools of indigenous knowledge management and African indigenous symbols, the book preserves and promotes indigenous knowledge through research and fills the void staff and students within the field of indigenous knowledge systems face with the current lack of research and resources. This book is ideal for university students, lecturers, researchers, academicians, policymakers, historians, sociologists, and anyone interested in the field of indigenous knowledge systems.

Intersecting African Indigenous Knowledge Systems and Western Knowledge Systems Cambridge Scholars Publishing

This book explores the role of the social and natural sciences in supporting the development of indigenous knowledge systems. It looks at how indigenous knowledge systems can impact on the transformation of knowledge generating institutions such as scientific and higher education institutions on the one hand, and the policy domain on the other.

Toward a Conceptual and Methodological Framework African Books Collective

Companion to Environmental Studies presents a comprehensive and interdisciplinary overview of the key issues, debates, concepts, approaches and questions that together define environmental studies today. The intellectually wide-ranging volume covers approaches in environmental science all the way through to humanistic and post-natural perspectives on the biophysical world. Though many academic disciplines have incorporated studying the environment as part of their curriculum, only in recent years has it become central to the social sciences and humanities rather than mainly the geosciences. 'The environment' is now a keyword in everything from fisheries science to international relations to philosophical ethics to cultural studies. The Companion brings these subject areas, and their distinctive

perspectives and contributions, together in one accessible volume. Over 150 short chapters written by leading international experts provide concise, authoritative and easy-to-use summaries of all the major and emerging topics dominating the field, while the seven part introductions situate and provide context for section entries. A gateway to deeper understanding is provided via further reading and links to online resources. Companion to Environmental Studies offers an essential one-stop reference to university students, academics, policy makers and others keenly interested in 'the environmental question', the answer to which will define the coming century.

**Reclaiming Indigenous Knowledge Systems** Routledge

This is a comprehensive study and erudite description of the struggle of African Indigenous Knowledge Systems in an Age of Globalization, using in particular eighty-four childrens traditional games in south-eastern Zimbabwe. The book is an informative and interesting anthropological account of rare African childrens games at the risk of disappearing under globalization. The virtue of the book does not only lie in its modest philosophical questioning of those knowledge forms that consider themselves as superior to others, but in its laudable, healthy appreciation of the creative art forms of traditional literature that features in genres such as endangered childrens traditional games. The book is a clarion call to Africans and the world beyond to come to the rescue of relegated and marginalized African creativity in the interest of future generations.

**Indigenous Knowledge Systems for Appropriate Technology Development** Iowa State Univ Technology & social

This guidebook zeros in on what indigenous knowledge can contribute to a sustainable development strategy that accounts for the potential of the local environment and the experience and wisdom of the indigenous population. Through an extensive review of field examples as well as current theory and practice, it provides a succinct yet comprehensive review of indigenous knowledge research and assessment. Working with Indigenous Knowledge will contribute to the improved design, delivery, monitoring, and evaluation of any program of research and will appeal to both the seasoned development professional as well as the novice or student just beginning a research career.

**Indigenous Knowledge Systems Policy** CTA

While there is talk of the Fourth Industrial Revolution, old and new challenges bedevil the world – climate change, nutrition, and health poverty being at the top of the list. In seeking solutions to these and other problems which afflict the modern era, it is worthwhile to look into our collective past, to the traditions and knowledges of our ancestors. Such knowledge continues to exist in many parts of the world, though now marginalized by homogenous, Eurocentric ontology and epistemology. This book presents a compilation of reviews, case studies, and primary research attempting to locate the utility of traditional and Indigenous Knowledges in an increasingly complex world. It assembles chapter authors from across the world to tackle topics ranging from traditional knowledge-based innovations and commercialization, traditional medicine systems as practiced around the world, ethnoveterinary practices, and food innovation to traditional governance and leadership systems, among others. This book is an important resource for policymakers; scholars and researchers of cultural studies, leadership, governance, ethnobotany, anthropology, plant genetic resources and technology innovation; and readers interested in the history of knowledge and culture, as well as cultural activists and political scientists. Features: Unique combination of social science and anthropological aspects with natural science perspectives Includes summaries aimed at policymakers to immediately see what would be relevant to their work Combines case studies illuminating important lessons learned with reviews and primary data Multidisciplinary in the scope of the topics tackled and assemblage of contributors Global footprint with contributions from Africa, Europe, North America, Asia, and the West Indies David R. Katerere, Department of Pharmaceutical Sciences, Tshwane University of Technology, South Africa Wendy Applequist, William L. Brown Center, Missouri Botanical Garden, St Louis, Missouri Oluwaseyi M. Aboyade, Department of Pharmaceutical Sciences, Tshwane

University of Technology, South Africa and Nutritica SA, The Innovation Hub, Pretoria, South Africa Chamunorwa Togo, The Innovation Hub, Pretoria, South Africa

**A Guide for Researchers** Canadian Scholars

Knowledge systems are an essential aspect to the preservation of a community's culture. In developing countries, this community-based knowledge has significant influence on such things as decision making and problem solving. The Handbook of Research on Social, Cultural, and Educational Considerations of Indigenous Knowledge in Developing Countries is an authoritative reference source for the latest scholarly research on the importance of knowledge and value systems at the community level and ways indigenous people utilize this information. Highlighting impacts on culture and education in developing nations, this book is ideally designed for researchers, academicians, policy makers, students, and professionals interested in contemporary debates on indigenous knowledge systems.

**A Case for Childrens Traditional Games in S** IGI Global

This edited volume analyzes African knowledge production and alternative development paths of the region. The contributors demonstrate ways in which African-centered knowledge refutes stereotypes depicted by Eurocentric scholars and, overall, examine indigenous African contributions in global knowledge production and development. The project provides historical and contemporary evidences that challenge the dominance of Eurocentric knowledge, particularly, about Africa, across various disciplines. Each chapter engages with existing scholarship and extends it by emphasizing on Indigenous knowledge systems in addition to future indicators of African knowledge production.

**A Reader and Guide for Places of Higher Learning** Cambridge Scholars Publishing

Climate change presents a profound challenge to food security and sustainable development in Africa. Its negative impacts are likely to be greatest in the African region, which is already food insecure. In the face of global climate change and its emerging challenges and unknowns, it is essential that decision makers base policies on the best available knowledge. In recent years, the knowledge of local and indigenous people, often referred to as indigenous knowledge (IK) has been increasingly recognised as an important source of climate knowledge and adaptation strategies.

Springer

Contributed papers presented at the Conference.

**Traditional and Indigenous Knowledge for the Modern Era** Jcharlton Pub.

Bringing together researchers from geographically, culturally, and linguistically diverse regions, Indigenous Knowledge Systems and Research Methodologies offers practical guidance and lessons learned from research projects in and with Indigenous communities around the world. With an aim to examine issues of power, representation, participation, and accountability in studies involving Indigenous populations, the contributors reflect on their own experiences conducting collaborative research in distinct yet related fields. The book is anchored by specific themes: exploring decolonizing methodological paradigms, honoring Indigenous knowledge systems, and growing interdisciplinary collaboration toward Indigenous self-determination. This volume makes a significant contribution to Indigenous community as well as institutional scholarly and practical discussions by emphasizing guidance and questions from Indigenous scholars who are designing studies and conducting research that is moving the field of Indigenous research methodologies forward. Discussing challenges and ideas regarding research ethics, data co-ownership, data sovereignty, and dissemination strategies, this text is a vital resource for all students interested in the application of what can be gained from Indigenous research methods.

**Indigenous Knowledge Systems and Research Methodologies: Local Solutions and Global Opportunities** IGI Global

This book is an intellectual journey into epistemology, pedagogy,

physics, architecture, medicine and metallurgy. The focus is on various dimensions of African Indigenous Knowledge (AIK) with an emphasis on the sciences, an area that has been neglected in AIK discourse. The authors provide diverse views and perspectives on African indigenous scientific and technological knowledge that can benefit a wide spectrum of academics, scholars, students, development agents, and policy makers, in both governmental and non-governmental organizations, and enable critical and alternative analyses and possibilities for understanding science and technology in an African historical and contemporary context. Indigenous Knowledge Systems in Ethiopia Handbook of Research on Protecting and Managing Global Indigenous Knowledge Systems The potential of indigenous knowledge is being recognized for international development. This book argues that local people do know their environment, and that this knowledge has to be taken into account in planning and implementing accessible and effective development.

Indigenous Knowledge and the Integration of Knowledge Systems Springer Nature

In a global context, understanding and engaging with Indigenous Peoples and understanding their contemporary values is becoming increasingly relevant. This book offers a major insight into Australian Indigenous Peoples' perspectives on the built environment. Enriched with thoughtful Indigenous voices from across Australia, echoed with several pre-eminent non-Indigenous practitioner voices, the book discusses the value of Indigenous Knowledge Systems in the Australian built environment and landscapes. It provides their perspective of wanting to share, of wanting to be heard, and of wishing to journey into our future landscapes and environments sympathetically and sustainably; of wanting to mutually share this journey respectfully to the betterment of humanity and these landscapes. A major resource for all academics, students and practitioners in the built environment sector, internationally, and not just in Australia, the book embodies issues confronting Indigenous Peoples and their communities, and their concerns about the future of their custodial landscapes. The book's national significance has already been identified by the Australian Institute of Landscape Architects (AILA) through its inclusion in their 'Connection to Country: Case Studies'.

Towards Sustainable People-Forest Relationships in Kenya New Africa Books

While there is talk of the Fourth Industrial Revolution, old and new challenges bedevil the world - climate change, nutrition, and health poverty being at the top of the list. In seeking solutions to these and other problems which afflict the modern era, it is worthwhile to look into our collective past, to the traditions and knowledges of our ancestors. Such knowledge continues to exist in many parts of the world, though now marginalized by homogenous, Eurocentric ontology and epistemology. This book presents a compilation of reviews, case studies, and primary research attempting to locate the utility of traditional and Indigenous Knowledges in an increasingly complex world. It assembles chapter authors from across the world to tackle topics ranging from traditional knowledge-based innovations and commercialization, traditional medicine systems as practiced around the world, ethnoveterinary practices, and food innovation to traditional governance and leadership systems, among others. This book is an important resource for policymakers; scholars and researchers of cultural studies, leadership, governance, ethnobotany, anthropology, plant genetic resources and technology innovation; and readers interested in the history of knowledge and culture, as well as cultural activists and political scientists.

Features: Unique combination of social science and anthropological aspects with natural science perspectives Includes summaries aimed at policymakers to immediately see what would be relevant to their work Combines case studies illuminating important lessons learned with reviews and primary data Multidisciplinary in the scope of the topics tackled and assemblage of contributors Global footprint with contributions from Africa, Europe, North America, Asia, and the West Indies David R. Katerere, Department of Pharmaceutical Sciences, Tshwane University of Technology, South Africa Wendy Applequist, William L. Brown Center, Missouri Botanical Garden, St Louis, Missouri Oluwaseyi M. Aboyade, Department of Pharmaceutical

Sciences, Tshwane University of Technology, South Africa and Nutritica SA, The Innovation Hub, Pretoria, South Africa Chamunorwa Togo, The Innovation Hub, Pretoria, South Africa

Indigenous Knowledge System and Intellectual Property Rights in the Twenty-First Century. Perspectives from Southern Africa University Press of Amer

This collection derives from a conference held in Pretoria, South Africa, and discusses issues of indigenous knowledge systems (IKS) and the arts. It presents ideas about how to promote a deeper understanding of IKS within the arts, the development of IKS-arts research methodologies, and the protection and promotion of IKS in the arts. Knowledge, embedded in song, dance, folklore, design, architecture, theatre, and attire, and the visual arts can promote innovation and entrepreneurship, and it can improve communication. IKS, however, exists in a post-millennium, modernizing Africa. It is then the concept of post-Africanism that would induce one to think along the lines of a globalized, cosmopolitan and essentially modernized Africa. The book captures leading trends and ideas that could help to protect, promote, develop and affirm indigenous knowledge and systems, whilst also making room for ideas that do not necessarily oppose IKS, but encourage the modernization (not Westernization) of Africa.