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Ethiopia  
Accelerating progress in improving diets and nutrition in Ethiopia  
The rising costs of nutritious foods in Ethiopia  
World report on the health of refugees and migrants  
Mastitis in Dairy Cattle, Sheep and Goats  
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Cage Aquaculture  
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*The Soils of Ethiopia* WIT Press

This book addresses Ethiopia's extremely rich soil diversity and resources, which have developed under various climatic conditions. Featuring contributions by a group of respected experts on Ethiopian soils and agriculture, it provides comprehensive information on the management approaches needed for sustainable soil utilization and conservation under such conditions and the attendant challenges. It offers a valuable resource for anyone interested in soils and agriculture in Ethiopia, but also in other African countries with similar climatic conditions. The book contains 13 chapters which illustrate the long history of knowledge and soil research; climate; geology and geomorphology; soil forming factors, processes, and classification; major soil types, their properties, fertility status, and management; land evaluation and land use planning; soils and society/industry; and future/emerging soil issues.

*Ethiopia* Unhas Press

*Coastal Altimetry: Selected Case Studies from Asian Shelf Seas* provides information on developments over the past decade in the processing of remotely sensed altimetry in coastal areas, with an overview of expected errors and where they stem from, along with remaining gaps in processing. Challenges covered include the retracking of the altimetric signal to account for land contamination, tropospheric water corrections, and tidal model improvements, along with the pros and cons of widely available products. Additional chapters provide recent research in the regional seas of Asia and cover variability, dynamics, predictability and prediction, impacts of extreme events, effects to ecosystems, and more. This book offers readers a dataset that can illuminate our understanding of the propagation of planetary boundary waves that have a significant sea level signal in near coastal regions. As such, researchers and students who have a foundation in satellite altimetry and want to know the latest development of open ocean and coastal satellite altimetry, especially in Asian coastal regions, will benefit from this book. - Presents the advancement of coastal altimetry technologies from

various dedicated experts - Includes case studies throughout to give real-life examples that can be implemented globally - Provides chapters that include summaries of key points and an outlook to the future

*Accelerating progress in improving diets and nutrition in Ethiopia* Intl Food Policy Res Inst

This volume engages with issues of moral responsibility and multiethnic co-existence in the context of contemporary Africa. Post-colonial African states are by and large ethnically diverse. Constructively managing ethnic diversity, however, has always been a challenge to these states, which often fail to be democratic and all-inclusive. As a result, ethnic enmity and conflicts that obliterate bonds of togetherness between ethnic communities have been rampant throughout the continent. In dialogue with Africa's cultural and religious assets, this interdisciplinary multi-authored book aims at articulating the need to interpret past and present ethnic hostilities in Africa, and generating moral resources of togetherness to foster a social pedagogy of responsible cohabitation for Africans. The chapters of this volume, categorized into two parts, are framed according to these two niches.

**The rising costs of nutritious foods in Ethiopia** Frontiers Media SA

2008 NOMINEE The Council on Botanical and Horticultural Libraries Annual Award for a Significant Work in Botanical or Horticultural Literature now we have easier and better access to grass data than ever before in human history. That is a marked step forward. Congratulazioni Professor Quattrocchi!-Daniel F. Austin, writing in *Economic Botany* &

*World report on the health of refugees and migrants* BoD - Books on Demand

This Research Topic explores the intricate relationship between stress, health, and well-being, with a focus on the underlying psychological and physiological processes involved. The aim is to shed light on the complex interplay between these factors and provide insights into potential interventions and strategies for promoting optimal mental and physical well-being. It encompasses both theoretical perspectives and empirical research, emphasizing the need for interdisciplinary collaboration

and a comprehensive understanding of stress, health and well-being: - The Impact of Chronic Stress on Physical Health Examining the physiological processes through which chronic stress contributes to physical health problems, such as cardiovascular diseases, immune dysregulation, and metabolic disorders. Investigating the role of stress-related behaviors (e.g., poor sleep, unhealthy eating habits, sedentary lifestyle) in mediating the relationship between stress and physical health outcomes. Discussing potential interventions and preventive measures to mitigate the adverse effects of chronic stress on physical well-being.

**Mastitis in Dairy Cattle, Sheep and Goats** Intl Food Policy Res Inst

This conference brought together 19 tilapia biologists and experimental culturists from 10 countries. It was designed from the outset as a technical conference on the basic biology of the tilapias and applications in culture systems. The conference did not consider the commercial aspects of tilapia culture.

*Ethiopian Medical Journal* CIMMYT

*Meat, Milk & More: Policy Innovations to Shepherd Inclusive and Sustainable Livestock Systems in Africa* highlights options for sustainably promoting growth in the livestock sector, drawing from what four African countries—Ethiopia, Mali, South Africa, and Uganda—have done successfully in terms of institutional and policy innovation as well as programmatic interventions. By adapting these lessons to countries' specific contexts and scaling them up across the continent, African governments can meet their national and international commitments to agricultural growth and transformation.

*The Ethiopian Journal of Higher Education* Springer

This overview of globalisation in fisheries and aquaculture finds that global markets for fish and fish products have changed considerably over the past few decades and continue to do so, but that countries must work harder on fisheries and aquaculture management to remain sustainable.

Prosiding Seminar Nasional Persepsi Komda Sulsebar IUCN

Eating behavior is a major lifestyle-related influencing factor of non-communicable chronic diseases (NCDs), particularly overweight/obesity, and metabolism syndrome (MetS). Typically,

eating behavior refers not only to dietary patterns but also to nutrient intake. From the public health perspective, population-based evidence regarding healthy eating is of significance for policy developments regarding NCDs prevention. Eating behavior is time and economic status dependent, which may change as age or/and socio-economic status changes. This occurs not only in developing societies but also in economically settled communities. Therefore, although relationships between eating behaviors (dietary pattern, nutrients intake) and specific NCDs have been examined in different societies, further investigations of population-level associations between eating behavior and NCDs in different subpopulations (general community residents, elders/children, or patients, etc), especially the interaction of eating behavior and other influences (e.g., physical activity) on NCDs, remains of continuing importance. Meanwhile, updating the dietary patterns and nutrient intake levels of different subpopulations is also necessary.

#### Advances of Science and Technology Elsevier

Following the detection of foot-and-mouth disease serotype SAT2 (FMD SAT2) in West Eurasia and the Near East in February 2023, a qualitative risk assessment was conducted. Serotype SAT2 usually circulates only in Africa, and so most animals in the region are fully susceptible to infection by this virus. The likelihood of spread of the FMD SAT2 to unaffected countries via key risk pathways and the potential consequences of the FMD SAT2 incursion in the region were described and assessed. Plausible pathways for the introduction of FMD SAT2 were identified for most countries. Informal movements of live animals and common grazing are the pathways of greatest concern because direct live animal contact is a very effective mode of FMD transmission, especially in the absence of sanitary measures. The large increase of animal movements associated with festivals such as Eid al-Adha, as well as seasonal grazing movements, increase the probability of FMD spread. An incursion of FMD SAT2 would result in a substantial negative impact, with the production losses and cost of control measures estimated at USD 3.6–6.5 billion, depending on the extent of spread within the region. Outbreaks of FMD also have a negative impact on food and nutrition security, economy, labour markets, and the livelihoods of most vulnerable people. To mitigate the risks of FMD SAT2, all countries should have an emergency response plan for FMD that is realistic for the

country and supported with adequate resources for implementation. A comprehensive list of preventive measures, including strengthened biosecurity and vaccination, is available in this document.

#### *Journal of Ethiopian languages and literature Intl Food Policy Res Inst*

Encompassing papers from the 2019 Water and Society Conference, this book is a collection of latest trans-disciplinary research on issues related to the nature of water, and its use and exploitation by society. This book demonstrates the need to bridge the gap between specialists in physical sciences, biology, environmental sciences and health. Over the centuries, civilisations have relied on the availability of clean and inexpensive water. This can no longer be taken for granted as the need for water continues to increase due to the pressure from growing global population demanding higher living standards. Agriculture and industry, major users of water, are at the same time those that contribute to its contamination. Water distribution networks in urban areas, as well as soiled water collection systems, present serious problems in response to a growing population as well as the need to maintain ageing infrastructures. Many technologically feasible solutions, such as desalination or pumping systems are energy demanding but, as costs rise, the techniques currently developed may need to be re-assessed. The research contained in this book addresses the interaction between water and energy systems. The socio-political implications of a world short of clean, easily available water are enormous. It will lead to realignments in international politics and the emergence of new centres of power in the world. The following list covers some of the subjects included in this book: Water resources management; Agribusiness; Water as a human right; Water quality; Water resources contamination; Sanitation and health; Water and disaster management; Policy and legislation; Future water demands; Irrigation and water management; Management of catchments; Groundwater management and conservation.

#### Cage Aquaculture Frontiers Media SA

Given the high prevalence of undernutrition among children in low income countries and the associated high human and economic costs (Hoddinott et al. 2013), improving nutritional outcomes must be an urgent priority. Improving nutrition is high on the

policy agenda of the government of Ethiopia, as stated in the Growth and Transformation Plan II, which aims to reduce young child stunting levels from 40 percent in 2014/15 to 26 percent in 2019/2020. Lack of access to diverse diets is one of the underlying factors contributing to chronic undernutrition (Arimond and Ruel 2004, UNICEF 1998). Despite recent improvements, child stunting in Ethiopia remains widespread (CSA and ICF International 2017). Moreover, Ethiopian children consume one of the least diverse diets in sub-Saharan Africa (Hirvonen 2016). At the household level, food consumption baskets are dominated by cereals and pulses, while the consumption of animal-source foods and fruits and Vitamin A-rich vegetables is rare, especially in rural areas.<sup>1</sup> Such monotonous diets are regarded as a major contributor to non-communicable diseases in Ethiopia (Melaku et al. 2016). Recent research suggests that the poor dietary diversity in rural areas can be explained, at least partly, both by limited knowledge about the health benefits of diverse diets and by poor access to food markets. Households in areas in which food crop production is not very diverse but which have good access to markets are found to have more diverse diets than do households in such areas but which have poor access to markets and, so, depend primarily on own-production for the food they consume.<sup>2</sup> Yet, even with sufficient access to markets and knowledge on the benefits of diverse diets, poor households may simply be unable to afford nutritionally rich foods (Warren and Frongillo 2017). Indeed, prices and affordability of nutritious foods remains a neglected area of research in efforts to understand poor dietary diversity in Ethiopia and elsewhere.<sup>3</sup> In the analysis described here, we explore how prices and, consequently, the affordability of nutritious food have changed over the last decade in Ethiopia.

#### Ethiopian Journal of Education Routledge

Puji dan syukur kita panjatkan kehadiran Allah SWT atas segala rahmat dan karunia-Nya atas telah terselenggaranya Seminar Nasional PERSEPSI KOMDA SULSELBAR yang bekerjasama dengan Fakultas Peternakan Universitas Hasanuddin di Kota Makassar. Tema seminar nasional adalah "Pemulihan Ekonomi Nasional Melalui Penguatan Agribisnis Berbasis UMKM". Seminar Nasional ini bertujuan saling berbagi informasi para akademisi, praktisi dan peneliti serta menyebarkan hasil-hasil penelitian untuk menambah wawasan dalam ruang lingkup agribisnis dan UMKM.

Diharapkan memberikan manfaat dalam peningkatan ilmu pengetahuan dalam bidang agribisnis; berkontribusi kepada pemerintah dalam memberikan pemikiran terkait dengan pemulihan ekonomi nasional berbasis penguatan UMKM agribisnis. Seminar Nasional PERSEPSI dilakukan sehari yang terdiri dari dua sesi yaitu sesi presentasi Keynote Speaker dan Invited Speaker dan pada siang hari sesi presentasi pemakalah penunjang pada kelas paralel. Pemakalah berasal dari anggota PERSEPSI, non anggota PERSEPSI dan dari perguruan tinggi lainnya. Oleh karena itu pada kesempatan ini kami atas nama panitia mengucapkan terimakasih kepada seluruh pemakalah yang telah berpartisipasi mengirimkan makalah pada SEMNAS ini. *Aquaculture Marketing Handbook* Routledge

This two-volume set constitutes the refereed post-conference proceedings of the 8th International Conference on Advancement of Science and Technology, ICAST 2020, which took place in Bahir Dar, Ethiopia, in October 2020. The 74 revised full papers were carefully reviewed and selected from more than 200 submissions of which 157 were sent out for peer review. The papers present economic and technologic developments in modern societies in 6 tracks: Chemical, food and bio-process engineering; Electrical and computer engineering; IT, computer science and software engineering; Civil, water resources, and environmental engineering; Mechanical and industrial engineering; Material science and engineering.

*The Crime Problem and Its Correction* Springer Nature

Costs of healthy diets are worryingly rising in a number of developed and emerging economies. However, less is known on these costs for developing countries. Using price data from a large number of markets in Ethiopia, we find that real prices of all nutritionally-rich food groups increased significantly (between 19 and 62 percent) over the period 2007 to 2016. This contrasts with (1) staple crops (grains, roots, and tubers), which did not show any price increase, and (2) oils, fats, and sugar, the prices of which decreased substantially. Using detailed nationwide datasets and relying on time series methods, we link these price increases to changes in local markets, demand and supply factors, transaction costs, and international trade. We find that prices of

nutritionally-rich food groups – compared to cereals – are relatively less affected by international trade and exchange rate changes but more so by rapidly increasing local and city demand. This rising demand is likely due to recent income growth and rapid urbanization and the high-income elasticities for nutritious foods in Ethiopia. Moreover, we find that local production changes affected prices of nutritious items little, but national price rises were found to have been significantly linked with food price rises in commercial clusters in the country. Changes in transaction costs – fuel and transport costs – explained relatively little of the observed food price changes.

*Achieving Health for All* JHU Press

TBD

*Moral Pedagogies for Africa* John Wiley & Sons

This book constitutes the proceedings of the Second International Conference on Information and Communication Technology for Development for Africa, ICT4DA 2019, held in Bahir Dar, Ethiopia, in May 2019. The 29 revised full papers presented were carefully reviewed and selected from 69 submissions. The papers address the impact of ICT in fostering economic development in Africa. In detail they cover the following topics: artificial intelligence and data science; wireless and mobile computing; and Natural Language Processing.

*The rising costs of nutritious foods: The case of Ethiopia* Frontiers Media SA

This document contains nine FAO commissioned papers on cage aquaculture including a global overview, one country review for China, and seven regional reviews for Asia (excluding China), northern Europe, the Mediterranean, sub-Saharan Africa, Latin America and the Caribbean, northern America and Oceania. The content of the papers is based on the broad experience and sound knowledge of the authors with advice and help received from many experts and reviewers around the globe. The papers were presented to a distinguished audience of some 300 participants from over 25 countries during the FAO Special Session on Cage Aquaculture - Regional Reviews and Global Overview at the Asian Fisheries Society (AFS) Second

International Symposium on Cage Aquaculture in Asia (CAA2), held in Hangzhou, China, from 3 to 8 July 2006.

**Information and Communication Technology for Development for Africa** OECD Publishing

Mastitis, an inflammation of the mammary glands, is the most costly disease in dairy farming, mainly caused by a broad range of bacteria categorized into contagious and environmental bacteria. This book is a concise summary of mastitis in dairy cattle, sheep, and goats, which mainly focuses on etiological agents, epidemiology, pathogenesis, clinical manifestation, pathological and histopathological changes, diagnosis, prevention, and control measures. This book serves as a textbook on mastitis in dairy cattle, sheep, and goats for dairy veterinarians, veterinary students, animal science students, dairy technicians, animal health professionals. Several researchers worldwide contributed to this book. This book contains the latest information on mastitis in dairy cattle, sheep, and goats and antimicrobial usage to prevent and control mastitis.

**Osaka Mathematical Journal** Hall Reference Books

Markets, marketing, and trade have become ever more important to growing aquaculture industries worldwide. The diversity and idiosyncrasies of the aquaculture and seafood markets call for understanding information that is unique to these markets. Presenting fundamental principles of marketing and economics from a user-friendly, how-to perspective, the *Aquaculture Marketing Handbook* will provide the reader with the tools necessary to evaluate and adapt to changing market conditions. The *Aquaculture Marketing Handbook* provides the reader with a broad base of information regarding aquaculture economics, markets, and marketing. In addition, this volume also contains an extensive annotated bibliography and webliography that provide descriptions to key additional sources of information. Written by authors with vast international aquaculture marketing experience, the *Aquaculture Marketing Handbook* is an important introduction to aquaculture marketing for those interested in aquaculture and those new to the professional field. The body of knowledge presented in this book will also make it a valuable reference for even the most experienced aquaculture professional.