

>> ANIMAL PRODUCTION AND HEALTH

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Improving Diets and Nutrition: Food-based Approaches

The International Symposium on Food and Nutrition Security: Food-based Approaches for Improving Diets and Raising Levels of Nutrition was organized by the Food and Agriculture Organization of the United Nations (FAO) to better document the contribution that food and agriculture can make to improving nutrition. The publication present the proceedings of the symposium. These proceedings are a useful resource for decision and policy makers, programme planners and implementers, and health workers, all of which work to combat hunger and malnutrition. Likewise, they will have appeal for professionals in the field of food security, nutrition, public health, horticulture, agronomy, animal science, food marketing, information, education, communication, food technology and development. They are also designed as a useful complementary source for graduate and postgraduate courses

Edited by: Thompson, B., Amoroso, L. Copublished with CABI FAO, Rome, 2013 ISBN 9789251073193 350 pp., 172 x 144 mm USD 147.00, Paperback

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Promoting investement in Agriculture for increased production and productivity

Covering the development of sustainable agriculture, food production and food security, this book explains the relationship between, and interdependence of, all levels of investment required for success. It also describes how to drive increased investment, at what stage and where; farmer investment, public investment and corporate private sector investment are all integral to the increased productivity of agriculture. Providing definitions of investment, farm-level capital formation and policy frameworks, the book proposes policies and a programme of action for achieving positive investment in agriculture, and concludes with globally-relevant case studies. This book is an essential resource for policymakers and researchers

By: Syed, S., Miyazako, M. Copublished with CABI FAO, Rome, 2013 ISBN 9789251075883 120 pp. 176 x 250 mm USD 100.00, Paperback

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Tackling climate change through

livestock
A global assessment of
emissions and mitigation
opportunities

Greenhouse gas emissions by the livestock sector could be cut by as much as 30 percent through the wider use of existing best practices and technologies. FAO conducted a detailed analysis of GHG emissions at multiple stages of various livestock supply chains, including the production and transport of animal feed, on-farm energy use, emissions from animal digestion and manure decay, as well as the postslaughter transport, refrigeration and packaging of animal products. This report represents the most comprehensive estimate made to-date of livestock's contribution to global warming - as well as the sector's potential to help tackle the problem. This publication is aimed at professionals in food and agriculture as well as policy makers.

FAO, Rome, 2013 ISBN 9789251079201 140 pp., 176 x 250 mm USD 40.00, Paperback

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Public Health Risks of Histamine and other Biogenic Amines from Fish and Fishery Products

Report of a joint FAO/WHO Expert Meeting and Histamine Sampling Tool (version 1.0)

Codex Alimentarius through its standards and guidelines aims to provide countries with tools to manage food safety issues such as histamine in fish. Together with guidance on good practices, different histamine limits have been established by Codex as indicators of decomposition and as indicators of hygiene and handling. However, many of these limits were established in a pre-risk assessment era and their scientific basis is unclear. As food safety management moves towards more risk- and evidence- based approaches, there is a need to review existing limits to ensure that they are scientifically based and take into account all the available evidence. At the request of Codex, FAO and WHO convened an expert meeting at the FAO headquarters in Rome from 23 - 27 July 2012 to address the public health risks of histamine and other biogenic amines from fish and fishery products. This report summarises the outcome of that meeting.

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>> FISHERIES AND AQUACULTURE



Fish Identification Tools for Biodiversity and Fisheries Assessments Review and guidance to

Review and guidance to decision-makers

This review provides an appraisal of existing, state-of-the-art fish identification (ID) tools (including some in the initial stages of their development) and shows their potential for providing the right solution in different real-life situations. The ID tools reviewed are: Use of scientific experts (taxonomists) and folk local experts, taxonomic reference collections, image recognition systems, field guides based on dichotomous keys; interactive electronic keys (e.g. IPOFIS), morpho-metrics (e.g. IPez), scale and otolith morphology, genetic methods (Single nucleotide polymorphisms [SNPs] and Barcode [BOL]) and Hydroacoustics. It is expected that it will help fisheries managers, environmental administrators and other end users to select the best available species identification tools for their purposes.

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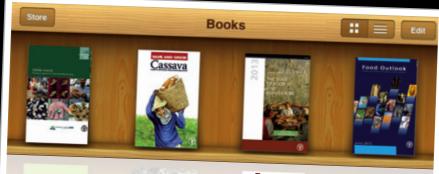


Rights-based management in Latin American fisheries

This study reports on the experiences with a diversity of cases of rights-based benthic and finfish fisheries management regimes from the Latin American region. Each case specifies the main attributes of the access rights (in a broad sense, including privileges), whether formal or informal: (i) how the rights are conferred and upheld; (ii) exclusivity of participation in the fishery; (iii) duration of the rights conferred; (iv) security or quality of the title conferred by the rights; (v) transferability, divisibility and flexibility in the use of the rights; and (vi) actual rights enforceability and corresponding compliance with use rights limitations. The study also reports on aspects of the harvest strategies in place, including: (i) fishing methods and gear; (ii) when fishing is authorized to take place; (iii) harvest controls; and (iv) monitoring.

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