



Family Farming Knowledge Platform (FFKP) Monthly Digest September 2023



The Family Farming Knowledge Platform (FFKP) Monthly Digest showcases the latest contents uploaded in the FFKP to provide its readers with relevant and up to date information on family farming main themes such as agroecology, small-scale fisheries, pastoralism, indigenous people, and more.

For more documents, feel free to search in the FFKP's database
(<https://www.fao.org/family-farming/home/en/>)

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Global Highlights

Rethinking our food systems: A guide for multi-stakeholder collaboration

This guide aims to support stakeholders working at all levels of the food system in the implementation of actions to transform their food systems. Centered on 5 building blocks underpinning successful multi-stakeholder collaboration for food systems transformation, the guide uses these constructions to illustrate ingredients of the process and show the interconnectedness of the steps needed to be successful.

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A learning framework for inclusive, integrated and innovative public policy cycles for family farming

To feed the world and do it sustainably, radical transformation of our food systems is urgently needed. This transformation requires the strengthening of thinking conceptually around different policy areas which relate to food security and nutrition. Interconnecting seemingly disparate topics and increasing the coordination between traditionally independent, sectoral policies, make challenges and needs more visible, and can help find the most appropriate solutions toward sustainable food systems.

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FAO-WFP Anticipatory Action Strategy

Recognizing that the increasing number of food crises require resources and capacities far beyond the reach of any individual organization, the Food and Agriculture Organization of the United Nations (FAO) and the World Food Programme (WFP) are partnering together to scale up the reach of Anticipatory Action.

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Global Highlights

United Nations Decade of Family Farming Global Consultation

The brief reports on the findings of a farmer-level survey conducted in the context of the pilot phase of the UNDFP global consultation of family farmers. The purpose of the survey was to monitor the situation of family farming and identify challenges faced by family farmers and small-scale producers in the context of the COVID-19 pandemic.

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Good performance and inclusiveness of poor people in cooperatives and other producer organizations: a possible match?

Can cooperatives and other producer organizations (POs) combine good performance with the inclusion of poor producers?

A research study on nine POs in different regions, carried out by the Department of Economics of Roma Tre University and the Food and Agriculture Organization of the United Nations (FAO), suggests that this is possible.

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FAO's Data Lab

The Data Lab for Statistical Innovation uses state-of-the-art methods to discover hidden information relevant to food security, nutrition, and food systems transformation.

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Latest from Africa

Sustainable bioenergy potential from crop, livestock and woody residues in Rwanda: An integrated bioenergy and food security approach

This report assesses the use of agriculture residues for the production of bioenergy in Rwanda. The methodology used for the assessment is the Bioenergy and Food Security (BEFS) approach of the Food and Agriculture Organization of the United Nations (FAO).

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Eggs and larvae of common marine fish species of north-west Africa

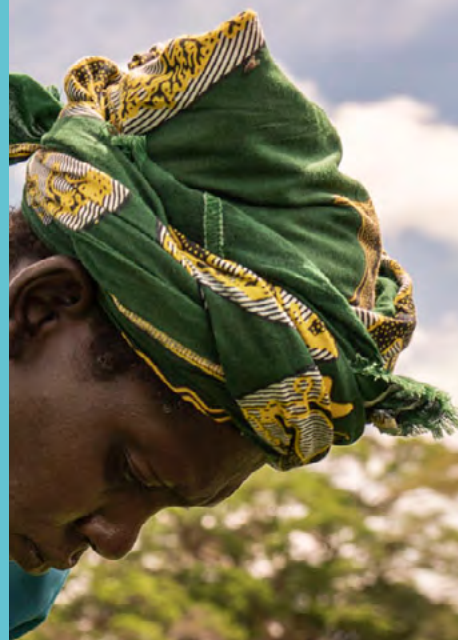
This guide presents the egg and larval descriptions of 150 species of fishes belonging to 57 families, which are most likely to be present in plankton samples collected in the continental shelf and oceanic waters off northwest Africa.

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Monitoring, evaluation and learning (MEL) in farmer field schools on food security and adaptation to climate change: pilot testing of a framework in Malawi

The farmer field school (FFS) has been promoted as an approach for educating farmers on making adaptive farming decisions. In Malawi, the FFS has been used to enhance food security within the context of adaptation to climate change. Monitoring, evaluation and learning (MEL) extends the learning cycle from the core of the FFS to the project level to facilitate learning and adaptation for improvement of interventions.

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Latest from Africa

Catfish: a big business for a big nation

Bolstering Nigeria's booming catfish sector to help feed Africa's most populous country. "Fish farming is my mother's business," says Nurudeen Quadri, a 38-year-old fish farmer from Ijebu-Ode in southwest Nigeria as he enters Eriwe farm village.

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Small livestock development in Rwanda: Policy analysis of pig and poultry value chains

In 2022, FAO assessed policies and the enabling environment related to innovation in the small livestock subsector in Rwanda, with a focus on pig and poultry value chains and animal feeds. The consultancy study covered eight districts of Rwanda and included 39 key informant interviews and five focus group discussions.

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Latest from Asia and the Pacific

Harnessing innovation to reduce food loss and waste in germinated brown rice production in Thailand

Reducing food loss increases both food supply and income. This was the case in Thailand, thanks to some simple technical innovations in germinated brown rice processing. A Japanese-funded project brought together FAO, The Thai government and Mahidol University to explore ways in which to reduce food waste in micro-, small and medium food processing enterprises in the North-eastern part of the country.

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Building Community Scale Solar Infrastructures to Power India's Agriculture Sector

Smallholder farmers in India are on the frontlines of the climate and agrarian crisis and they include most of the farming population in the country. They face high input costs, are very sensitive to climate risks, lack knowledge of sustainable agricultural practices, and experience crop yields that are ~50% lower than the potential, leading to low and irregular income.

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Community-Based Rice Seed Entrepreneurship Mod- el in Northern Bangladesh

Food security is paramount in Bangladesh, which has a high population density (1329 people per km²) and poverty rate (18.7%). Seed is a critical input in agriculture. The timely use of quality seeds of potential varieties can increase yields by up to 25%.

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Latest from Europe and Central Asia

Agroecology in Europe and Central Asia - An overview

Agroecology is rooted in agricultural heritage systems based on small-scale food producers from all food sectors (pastoralism, fisheries, forestry and agriculture). It contributes to building resilient food systems, starting with greater integration of biodiversity into agricultural production systems and landscapes. By diversifying production, agroecology also contributes to diversified and healthy diets.

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Strengthening regulatory frameworks for sustainable school food and nutrition in Kyrgyzstan

This brief examines some of the key legal considerations related to school gardens, and also explores regulatory options for strengthening the legislative environment for sustainable school food and nutrition in the country.

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From nature-negative to nature-positive production

The concept of nature-positive production revolves around the possible synergies between ecosystem restoration and food/biomass production and among biodiversity, nature and agriculture. This document tries to answer such questions as “What does nature positive exactly mean?” and “How can agriculture aid in ecosystem restoration?”

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Latest from Latin America and the Caribbean

International Conference Food Self-Sufficiency and Agroecology in a Multipolar World

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Regional Technical Workshop on Afrodescendancy and Rurality in Latin America and the Caribbean

This Initiative seeks as a frame of reference the premises of the Permanent Forum of Afro-descendants, the CELAC Declaration of Buenos Aires (January 2023), the United Nations International Decade for People of African Descent (2015-2024) and the United Nations Decade for Family Farming and the 2030 Agenda.

Therefore, dialogue and collaboration between countries of the region and Afro-descendant communities are key to achieving an effective and sustainable transformation of agrifood systems in the region, where no one is left behind, as established by the Sustainable Development Goals (SDGs), Agenda 2030, emphasizing the fulfillment of SDG 1 - End Poverty, SDG 2 - Zero Hunger and SDG 10 - Reduce Inequalities. This document is addressed to the people who work every day in small-scale artisanal fisheries and aquaculture in South America, men and women who make it possible for us to have healthy and nutritious food, and who contribute to food security and local development.

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Latest from Near East and North Africa

Feasibility study for application of digital technologies for improved traceability and transparency along the agrifood value chains

“Agrifood value chains of small and medium-sized producers in the Near East and North Africa region have the potential to generate more value through improved access to high-value markets. Limited logistics capacity in the region, coupled with lack of access to continuous cold chain, has resulted in weak supply chain management, high level of food loss, lack of compliance with food quality and safety standards; information asymmetries; and unfair value distribution, affecting income and livelihood of small and medium-sized producers. Improving traceability and transparency along the agrifood value chains can help building consumers’ trust by better tracking the origin of food, identifying, detecting and mitigating the impact of food safety and quality issues in a timely manner and enhancing price visibility and information sharing on value distribution in each stage of the value chain.

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Analysis of food loss in the cucumber, zucchini and table grapes value chains in the West Bank, Palestine

This study analyses the extent and causes of, and potential solutions to, food loss in three food subsectors that constitute important products in terms of income, food security and nutrition in Palestine; table grapes, cucumber and zucchini. It applies FAO’s food loss analysis case study methodology that includes four phases; screening of available information and data; surveying farms, wholesale markets and retailer shops; collecting and analysing samples obtained from farms, wholesale markets and retailer shops; and synthesizing the food loss estimates and solutions.

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Latest from our Contributors

EU CAP Network Newsletter September 2023

In the new EU CAP Network, innovation, knowledge exchange and EIP-AGRI play a crucial role in sharing good practices and connecting people across EU agriculture, forestry and rural areas. The new edition of the Agrinnovation magazine offers inspiring stories, interviews, Operational Group updates and other news from across Europe.

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The Mediterranean Caravan: Learning in MedAgroecology

The booklet Learning in MedAgroecology is intended as a support tool for the Ag-roCur4All curriculum. The contents are summaries of an introduction that can be expanded upon later. In each chapter, you will find the MedCaravan Toolbox: the links to all the materials the partners produced and support on contents. These contents are the local knowledge collected, spread, and valorised in all the partners' activities; they enrich and are unique to this project and the research of the agroecological movement in the Mediterranean area.

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Latest from our Contributors

CAP Social Conditionality: A Game Changer for Farm Workers?

In a new CAP that largely maintains the status quo, social conditionality emerges as one of the few truly innovative elements. But is it going to be a real game-changer? This new legislative tool has the potential to improve the working conditions of millions of farm workers. But does it offer the means to achieve this goal? In this article, we will explore what can be anticipated and discuss ways to enhance its effectiveness.

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Coffee in Cuba: A Journey Towards A Sustainable Future

Coffee production in Cuba has a long and fascinating history, deeply rooted in the island's cultural traditions. Its cultivation tells a story of culture, economic shifts, and a commitment to sustainability that has gained momentum over the years. This article takes us on a journey through the history of Cuban coffee: from its bountiful beginnings and steep decline right up to today's recovery – where the fruits of the collaboration between Lavazza and Slow Food really come to bear.

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Farming Practice of the month

Feed intake and growth performance of sheep (*Ovis aries* L.) fed with Napier (*Pennisetum purpureum* Sch.) silage added with varying levels of *L. plantarum* as inoculant

In the Philippines, climatic unpredictability has been one of the main factors causing fluctuations in forage production; as a result, an efficient feed preservation strategy must be used. This study assessed the effect of various levels of *L. plantarum* as Napier silage inoculant on sheep's feed intake and growth performance. Using a Completely Randomized Design (CRD) set-up, a total of thirty (30) growing female sheep were randomly distributed to five (5) treatments and replicated six (6) times with one (1) animal per replication.

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E-LEARNING of the month

Planning seed and seedling supply for forest and landscape restoration

This course explores how to plan seed and seedling supply for forest and landscape restoration (FLR). This includes the importance of considering seed and seedling origin and genetic quality, the reproductive and supply chain bottlenecks that reduce genetic diversity or adaptive capacity, and approaches, tools and institutional frameworks that can help ensure that quality seed and seedlings are available for diverse restoration objectives.

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Minimum dietary diversity for women

This course has been designed to explain how to use the Minimum Dietary Diversity for Women (MDD-W) indicator, with a view to contributing to improved diets among nutritionally vulnerable women of reproductive age.

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Latest from Agroecology

Exploring the connections between Agroecology and Regenerative Agriculture

Exploring the connections between Agroecology and Regenerative Agriculture, Daniel Moss, Director of Agroecology Fund, and Nuna Teal, PhD, Program Director at One Earth, wrote an interesting article that delve into the essence of food security amidst the looming threat of climate-related adversities. The piece highlights the worldwide concern regarding the existing industrial food system which exacerbates climate change and political instability. Amidst this backdrop, there's a growing interest in alternative food systems that align with human rights and environmental safety.

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Family Farming Knowledge Platform

www.fao.org/family-farming

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A strong coalition of contributors sharing their knowledge
represents the very foundation of this initiative.

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