Land and water



Irrigation in Central Asia in figures

Aquastat Survey - 2012

This report presents the results of the most recent survey carried out in the Central Asia region, and analyses the changes that have occurred since the first survey ten years ago. Following the AQUASTAT methodology, the survey relied as much as possible on countrybased data. Section I of the report describes in detail the methodology used and contains a glossary of terms. Section II contains the regional analysis, with a synopsis of water resources, water use and irrigation. It also describes the legislative and institutional framework as well as environmental issues and presents prospects for agricultural water management from the countries' perspective. Section III contains detailed country profiles for Afghanistan, Kazakhstan, Kurguzstan, Tajikistan, Turkmenistan and Uzbekistan, and one river basin profile for the Aral Sea basin.

FAO Water Report No. 39 FAO, Rome, 2013 ISBN 9789251076606 244 pp., 210 x 297 mm USD 50.00, Paperback

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Land degradation assessment in drylands

Methodologies and results

LADA (Land Degradation Assessment in Drylands project) is a scientifically-based approach to assessing and mapping land degradation on different scales (small to large) and at various levels (local to global). It was initiated in drylands, but its methods and tools are widely applicable in other contexts. Adopting the LADA approach is useful in developing national action plans, strategies and policies for combating desertification, improving food security and alleviating rural poverty, especially in response to climate change. LADA surveys form reliable baselines for monitoring and evaluation of sustainable land management programmes.

FAO, Rome, 2013 ISBN 9789251075661 62 pp., 176 x 250 mm Not for sale, Paperback

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Land Tenure Journal

No. 1/12 October 2012 and No 2/12 December 2012

This journal is a medium for the dissemination of quality information and diversified views on land and natural resources tenure, and aims to lead debate in the areas of land tenure, land policy and land reform. Its prime beneficiaries are land administrators and professionals although it also allows room for relevant academic contributions and theoretical analyses.

Land Tenure Journal – Revue des question foncières – Revista sobre Tenencia No. 1/12 FAO, Rome, 2012 ISBN 9789250073378 ISSN 2079-7168 80 pp., 210 x 230 mm USD 40.00, Paperback

Land Tenure Journal – Revue des question foncières – Revista sobre Tenencia No. 2/12 FAO, Rome, 2013 ISBN 9789250076126 ISSN 2079-7168 172 pp.,210 x 230 mm USD 45.00, Paperback

• Trilingual: English, French, Spanish



Mapping land use systems at global and regional scales for land degradation assessment analysis

The Land Degradation Assessment in Drylands (LADA) project focused on means of assessing the nature, extent and impacts of land degradation on dryland ecosystems, watersheds and river basins, carbon storage and biological diversity on various scales. It enabled users to assess regional and global land degradation and highlight areas at risk. Local assessments focused on root causes and on local (traditional and adapted) mitigation technologies. Areas where degradation is controlled were drawn upon to develop "best practice" guidelines that were widely disseminated, and lessons from partner countries (Argentina, China, Cuba, Senegal, South Africa and Tunisia) were included for up-scaling to countries within their region.

By: Nachtergaele, F., Petri, M. FAO, Rome, 2013 ISBN 9789251075647 82 pp., 176 x 250 mm Not for sale, Paperback

 Rights available in all languages except: English



Passport to mainstreaming gender in water programmes

Key questions for interventions in the agricultural sector

As stated in The State of Food and Agriculture 2010-2011, the agriculture sector is under-performing in many developing countries, partly because women do not have equal access to the resources and opportunities they need to be more productive. Women also have less access to education, agricultural information and extension services, technology, credit and other financial services. This booklet is designed for field staff involved in the design, implementation, operation and maintenance of water management projects for agricultural production. Its purpose is to support them in mainstreaming a gender perspective during all stages of agricultural water management projects and programmes.

FAO, Rome, 2013, ISBN 9789251074619 68 pp., 148 x 210 mm USD 15.00, Paperback

• Rights available in all languages except: English, French, Spanish



Soil, your silent ally

A selection of videos and educational animations explaining the different roles of soils in our lives is presented in this DVD. This is part of a joint strategy to promote awareness on the importance of this fundamental natural resource. The aim of the DVD is to raise the voice of a silent resource that is facing a continuous degradation process.

FAO, Rome, 2013 ISBN 9789251075104 USD 8.00, DVD

 Rights available in all languages except: English, French, Spanish



Voluntary guidelines on the governance of tenure – At a glance

This guide provides an overview of the Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests in the Context of National Food Security, describing their nature, purpose, contents and intended audience. The guide explains tenure and demonstrates how improving the governance of tenure can serve to eradicate both hunger and poverty and lead to the sustainable use of natural resources.

FAO, Rome, 2013 ISBN 9789251073056 10 pp., 176 x 250 mm Not for sale, Paperback

 Rights available in all languages except: English, French, Spanish, Arabic, Chinese, Russian



Yunga Water Challenge Badge

Developed in collaboration with United Nations agencies, civil society and other organizations, the challenge badges aim to raise awareness, educate and motivate young people to change their behaviour and be active agents of change in their local communities. The challenge badge series can be used by teachers and youth leaders, especially Guide or Scout groups. This booklet includes background information on water, the water cycle and how water sustains life, as well as outlining why humans need clean water and sanitation to stay healthy. It looks at the factors that affect our water supply (such as over-use, pollution, natural hazards and climate change) and how water can be conserved and used more efficiently. The booklet proposes a range of activities and ideas to stimulate learning.

FAO, Rome, 2013 ISBN 9789251075364 96 pp., 148 x 210 mm USD 10.00, Paperback

 Rights available in all languages except: English, French, Spanish, Italian



Assessing the potential for poverty reduction through investments in agricultural water management

A methodology for country level analysis

In many countries, investments in agricultural water management are seen as a key element of rural development and poverty reduction strategies, but they are often costly. Planning such investments requires a good overview of their benefits and costs, and of their sustainability, and guidance is needed in answering the following three questions: i) where to invest? ii) who will benefit? iii) what typology of investment is most appropriate? This report describes a methodology to conduct rapid country-level appraisals of the potential for agricultural water management investments in support of rural livelihoods.

FAO, Rome, 2012 ISBN 9789251073452 72 pp, 210 x 297 mm USD 30.00., Paperback

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Coping with water scarcity

An action framework for agriculture and food security

This report provides a conceptual framework for addressing food security under conditions of water scarcity in agriculture. It was prepared by a team of FAO staff and consultants working on the project "Coping with water scarcity: the role of agriculture?", and revised on the basis of an Expert Consultation meeting organized in FAO, Rome in December 2009. The document examines the conceptual framework on which FAO's water scarcity programme should be based, proposes a set of definitions associated with the concept of water scarcity, and indicates the main principles that FAO should follow to best support its member countries.

FAO Water Report No. 38 FAO, Rome, 2012 ISBN 9789251073049 ISSN 1020-1203 96 pp., 210 x 297 mm USD 30.00, Paperback

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State of the art report on global and regional soil information: Where are we? Where to go?

Under the current challenges of food security, climate change adaptation and mitigation, further provision of ecosystem services and sustainable intensification of agriculture, soil information becomes fundamental to guide wise policies and decisions. This document reviews the present availability of soil information from legacy maps and reports and from ongoing digital soil mapping efforts.

FAO, Rome, 2012 ISBN 9789251074497 80 pp., 210 x 297 mm USD 27.00, Paperback

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