

Sector Project Sustainable Agriculture

Publications

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Production System

What is sustainable agriculture?

published in 2015

Language: German, French & English

Link:

<https://wocatpedia.net/wiki/File:Giz2012-0126en-sustainable-agriculture.pdf>



Sustainability assessment of farming systems in the Philippines with the RISE tool



Sustainability assessment of farming systems in the Philippines with the RISE tool

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Christian Thalmann, Ph.D. sc.nat.

12.04.2018



Digital version only available on request via naren@giz.de

Soil and Water

Good Practices in Soil and Water Conservation

Languages: French & English
published in 2012

Link:

<https://wocatpedia.net/wiki/File:Giz2012-en-soil-water-conservation.pdf>



Good Practices in Soil and Water Conservation
A contribution to adaptation and farmers' resilience towards climate change in the Sahel

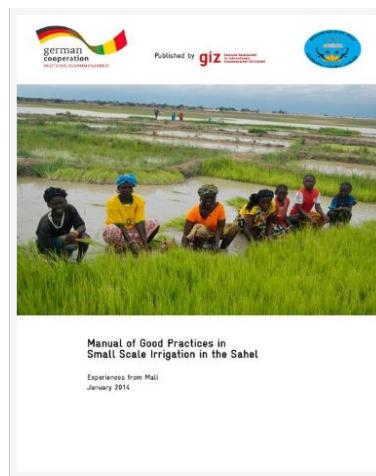
Published by  GIZ Deutsche Gesellschaft für Internationale Zusammenarbeit

Manual of Good Practices in Small Scale Irrigation in the Sahel

Language: English & French
published in 2014

Link:

https://wocatpedia.net/wiki/File:2014-04-01_Good_practices_Mali-English.pdf



Manual of Good Practices in Small Scale Irrigation in the Sahel
Experiences from Mali
January 2014

Water Spreading Weirs

BMZ | Federal Ministry
for Economic Cooperation
and Development

Languages: French, English & German
published in 2012

Link:

[https://wocatpedia.net/wiki/File:GIZ_KfW_\(2012\)_Water-spreading_weirs_for_the_development_of_degraded_dry_river_valleys.pdf](https://wocatpedia.net/wiki/File:GIZ_KfW_(2012)_Water-spreading_weirs_for_the_development_of_degraded_dry_river_valleys.pdf)

Water-spreading weirs for the development
of degraded dry river valleys

Experience from the Sahel



Published by giz KfW

25 Years of Soil Rehabilitation

Language: French & English
published in 2015

Link:

<https://wocatpedia.net/wiki/File:Giz2015-en-25years-of-soil-sahel.pdf>



25 years of soil rehabilitation and
conservation in the Sahel region

Supporting the efforts of the rural population in Niger

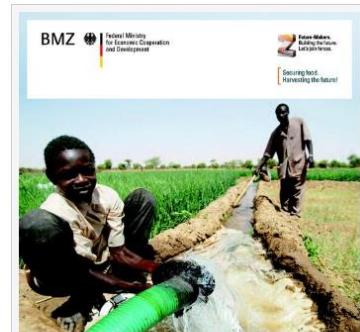
Published by giz KfW

Better Water Use Efficiency For Increasing Yields and Food Security From Watershed To Field (digital version only)

Language: English
published in 2013

Link:

<https://wocatpedia.net/wiki/File:Giz2013-better-water-use-efficiency-worldwaterweek-2012-fr-freigabe-final.pdf>



Better Water Use Efficiency
for Increasing Yields and Food
Security – from Watershed to Field
Stockholm World Water Week 2012

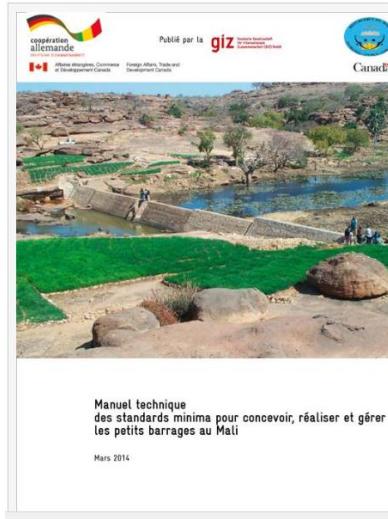
Published by giz KfW

Manuel technique des standards minima pour concevoir,
réaliser et gérer les petits barrages au Mali
(digital version only)

Language: French
published in 2014

Link:

https://wocatpedia.net/wiki/File:Normes_minima_Petits_Barrages_14-03-21-Webdatei.pdf

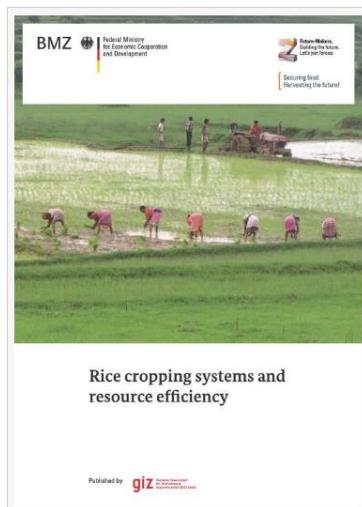


Rice cropping systems and resource efficiency

Language: English
published in 2013

Link:

<https://wocatpedia.net/wiki/File:Giz2013-en-study-rice-cropping-sys-low-res.pdf>

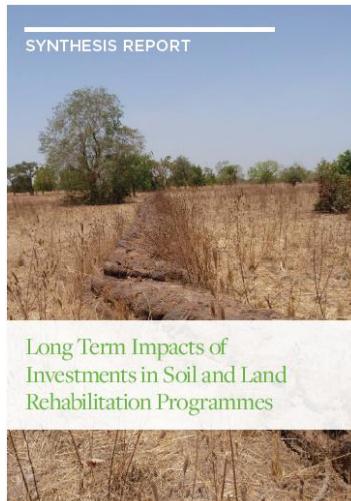


Long-Term Impacts of Investments in Soil and Land Rehabilitation Programmes (digital version only)

Language: English
published in 2017

Link:

https://wocatpedia.net/wiki/File:Final_Synthesis_Report_Langzeitstudie_n_IND-BUR-ETH-NIG.pdf





Ausstellung: Boden - Grund zum Leben

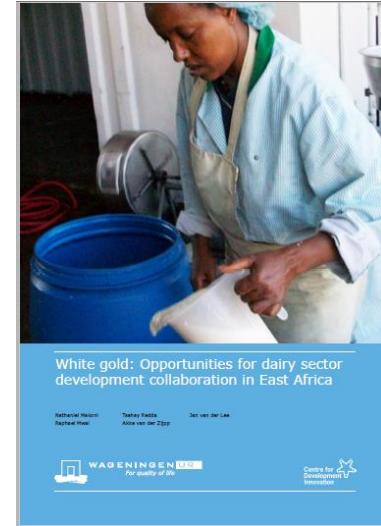
Livestock

White gold: Opportunities for dairy sector development collaboration in East Africa (digital version only)

Language: English
published in 2014

Link:

<http://edepot.wur.nl/307878>

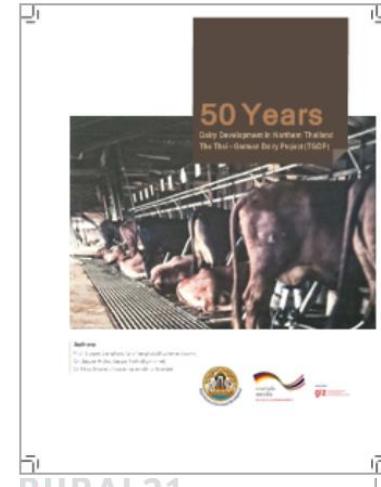


50 yrs Dairy Development in Northern Thailand (digital version only)

published in 2016

Language: English

Link: <http://star-www.giz.de/pub?r=38710>



RURAL21
Focus

Article: Animal Husbandry in Cities (digital version only)

published in 2014

Language: English

Link:

http://www.rural21.com/uploads/media/rural2014_04-S28-30.pdf

Animal husbandry in cities – using potentials, reducing risks

No country models and studies pigs or sheep, goats, cattle, or pigs also play a crucial role in the food and nutrition security of countries. City dwellers worldwide know that people and animals live in such close proximity, health risks are inevitable. But instead of banning urban animal husbandry, as was, for example, considered in the course of the swine influenza epidemic, framework conditions ought to be created that enable people to make use of this business branch to earn a profit without running risks.



Today, animal husbandry still plays a frequently underrated role in small cities and towns in developing countries. In developing countries and emerging economies, animal husbandry is often a way of subsistence, especially among the poorest, and is often the only way to earn a living. In poor populations, these farm animals are often the only asset available, serving as a means of transport for goods and services, as well as a source of food security, whereas more wealthy families may keep them as status symbols as a status symbol and/or for meat production. In many countries, however, local authorities, neither potentials nor risks of animal husbandry in cities are considered in planning and zoning processes. The following text is concerned with the potentials that can be used in cities.

Different forms of keeping animals. In the cities, a very large share of the population live in absolute poverty, many of them have migrated from rural areas to the cities. They often leave their land behind and cannot afford to buy land in the cities. Since many women stay close to their families, they often have to care for their children and the household while working day and night after the animals as well. The animals are usually kept in the yards of the animal products, although the yields are often low. The yields are often low, which is a small daily income for them, which is often not enough to cover their basic needs.

Many migrants from rural areas have chosen to keep animals in the cities as being inventory, and sometimes as a way to earn a living.

The animals represent an important part of the household's assets, especially in rural areas where land is scarce.

Urban animal production is an important income source for many people.

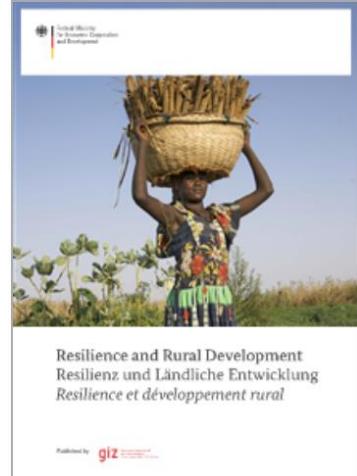
Figures on how many animals are kept in cities and how high their yields are are not available. Animal products are not always sold in a formal market, even and in the informal sector.

Climate Change

Resilience and Rural Development (digital version only)

published in 2015
Language: German, English & French

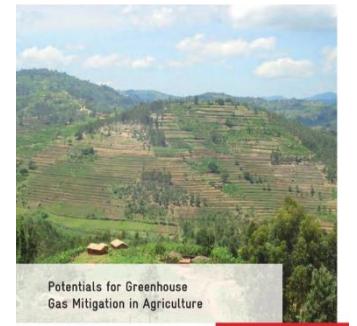
Link:
<http://star-www.giz.de/pub?r=38532>



Potentials for Greenhouse Gas Mitigation in Agriculture

published in 2018
Language: English

Link:
<https://wocatpedia.net/wiki/File:Giz2018-en-potentials-greenhouse-gas-mitigation-low-res.pdf>



Coming to grips with Adaptation Technologies

published in 2014
Language: English

Link:
<https://wocatpedia.net/wiki/File:2014giz-en-factsheet-experiences-w-adapt-tech.pdf>

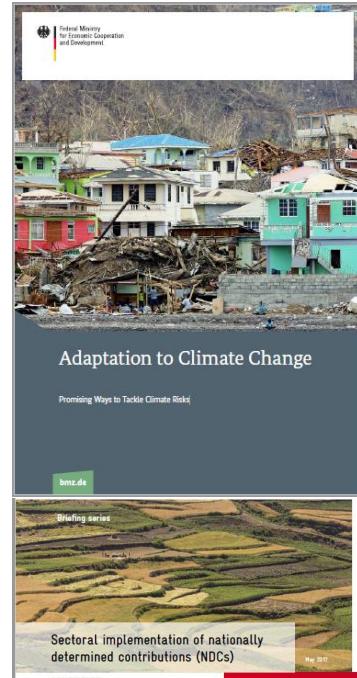


Adaptation to Climate Change - Promising Ways to Tackle Climate Risks (digital version only)

published in 2017
Language: English

Link:

http://www.bmz.de/de/zentrales_downloadarchiv/cop23/adaption/Adaptation_to_Climate_Change_Promising_Ways_to_Tackle_Climate_Risks_2017_BMZ.pdf



Sectoral implementation of nationally determined contributions (NDCs) (digital version only)

published in 2017
Language: English

Link: <https://mia.giz.de/qlink/ID=42239000>

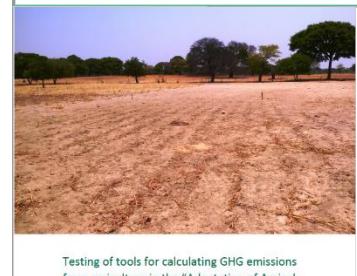


Testing of tools for calculating GHG emissions from agriculture (digital version only)

published in 2018
Language: English

Link:

https://wocatpedia.net/wiki/File:2018-05-6_UNIQUE_GIZ_Namibia_Testing_GHG_Tools_report_final.pdf



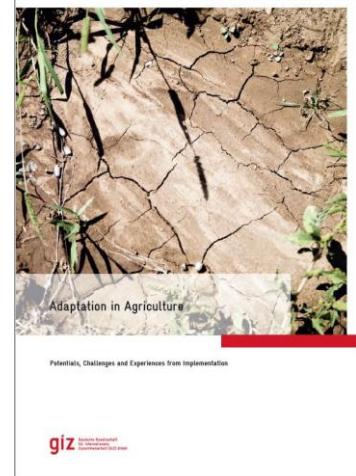
Adaptation in Agriculture

published in 2018

Language: English

Link:

<https://wocatpedia.net/wiki/File:Giz2018-en-adaptation-in-agric-web.pdf>



Agrobiodiversity

The UPOV Convention - Farmer's Rights & Human Rights

published in 2015
Language: English

Link:

<https://wocatpedia.net/wiki/File:Giz2015-en-upov-convention.pdf>

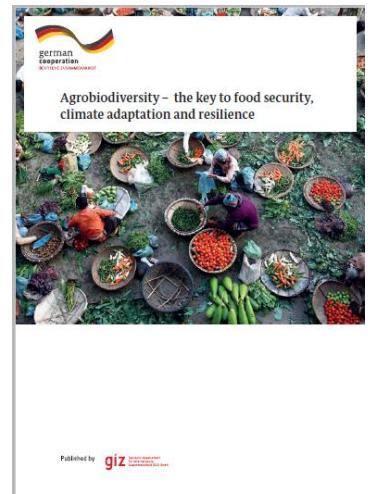


Agrobiodiversity - a key to food security, climate adaptation & resilience

published in 2016
Language: English

Link:

<http://star-www.giz.de/starweb/giz/pub/servlet.starweb?path=giz/pub/pfm.web&r=42511>



Farmers' Seed Systems (digital version only)

Language: English
published in 2015

Link:

https://wocatpedia.net/images/0/0d/Farmers%27_Seed_Systems_GIZ_2015.pdf



Federal Ministry for Economic Cooperation and Development

Farmers' Seed Systems
The challenge of linking formal and informal seed systems
Documentation of the Expert Talk, 4th June 2014, Bonn

Published by **giz** Deutsches Institut für Entwicklungspolitik

Community Seed Banks

published in 2015
Language: English

Link:

https://www.bioversityinternational.org/fileadmin/user_upload/online_library/publications/pdfs/Community_Seed_banks/Community_Seed_Banks.pdf



ISSUES IN AGRICULTURAL BIODIVERSITY
earthscan from Routledge

Community Seed Banks
ORIGINS, EVOLUTION AND PROSPECTS

EDITED BY
Ronnie Vernoy, Pitambar Shrestha and Bhuvon Thapiti



Landscape Approaches (digital version only)

published in 2014
Language: English

Link:

https://wocatpedia.net/wiki/File:2014giz_en_Landscape_Approaches_long_version.pdf



BMZ Federal Ministry for Economic Cooperation and Development

Landscape Approaches
Addressing food security, climate change and biodiversity conservation in an integrated way

Landscape – result of intimate interaction between people and nature:
For generations, people have managed natural resources in such a way that their multiple needs for food, fiber, fuel, fresh water, shelter, medicine, income and leisure were fulfilled. Farming, livestock, forestry and fisheries systems were developed in response to the changing environment and socio-economic conditions. These interactions were shaped by local knowledge, tenure arrangements, labor availability, access to markets and policies. Landscape management principles have changed over time due to population growth, migration and today's rich diversity of options available. This paper highlights how landscape approaches can be implemented in different territorial units. The landscape approach is a way to manage landscapes based land to deliver a territorial unit (e.g. watershed, landscape, region) in a sustainable way. It involves working with multiple stakeholders in a cross-sectoral perspective on a large scale.

Unsustainable development and management of landscapes:
Human population growth resulting in increased demand for land, water and other natural resources has led to the unsustainable development of landscapes, leading to the degradation of food and water resources and biodiversity loss.

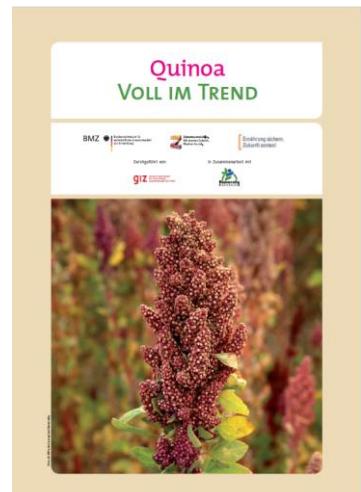
Photo © BMZ

Ausstellung: Quinoa - Voll im Trend (digital version only)

published in 2013
Language: German

Link:

<https://www.giz.de/fachexpertise/downloads/giz2013-de-ausstellung-quinoa.pdf>



Ausstellung: Zwischen gestern und heute

published in 2016
Language: German
Link:
<https://www.giz.de/fachexpertise/downloads/giz2015-Agrobiodev-zwischen-gestern-und-heute.pdf>

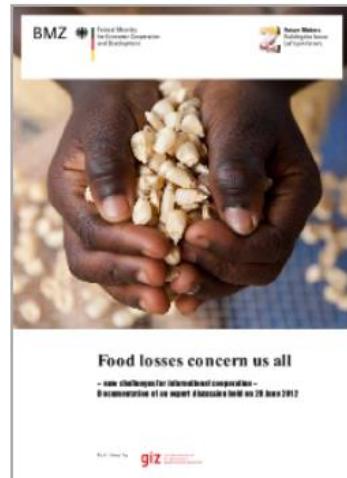


Food Losses

Food losses concern us all (digital version only)

Language: German, English
published in 2012

Link:
<http://star-web.giz.de/starweb/giz/pub/servlet.starweb?path=giz/pub/pfm.web&r=34695>



Post-harvest losses in potato value chains in Kenya

Language: English
published in 2014

Link:
https://wocatpedia.net/wiki/File:PHL_in_potato_value_chains_in_Kenya.pdf



Post-harvest Losses of Rice in Nigeria and their Ecological Footprint

Language: English
published in 2014

Link:
https://wocatpedia.net/wiki/File:Post-Harvest_Losses_of_Rice_in_Nigeria_and_their_Ecological_Footprint_online_Version.pdf



Food Losses

published in 2016

Language: German, English & French

Link: <https://wocatpedia.net/wiki/File:Giz2017-en-food-losses-web.pdf>

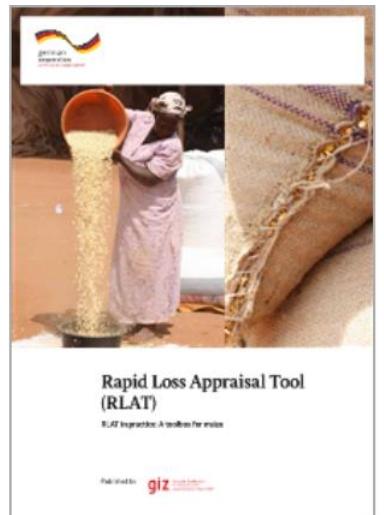


Rapid Loss Appraisal (Tool box)

published in 2015

Language: English

Link: <http://star-www.giz.de/pub?r=42656>



Rapid Loss Appraisal (User guide)

published in 2015

Language: English

Link: <http://star-www.giz.de/pub?r=42657>



Food losses in cassava and maize value chains in Nigeria (digital version only)

published in 2013

Language: English

Link: <http://star-www.giz.de/pub?r=35573>



**Food losses in cassava
and maize value chains
in Nigeria**

Analysis and recommendations for reduction strategies

Published by giz

The Ecological Footprint of Cassava and Maize - Post Harvest-Losses in Nigeria (digital version only)

published in 2013

Language: English

Link: <http://star-www.giz.de/pub?r=35484>



**The Ecological Footprint of
Cassava and Maize
Post-Harvest-Losses in Nigeria**

A Life-Cycle Assessment

Published by giz

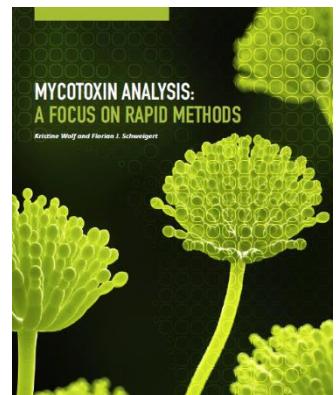
Mycotoxin Analysis: A Focus on Rapid Methods (digital version only)

published in 2018

Language: English

Link:

http://aflatoxinpartnership.org/uploads/Mycotoxin_Analytics_Rapid_Methods-PACA_23Feb2018.pdf



PACA

Partnership
for Aflatoxin
Control in Africa

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Zusammenarbeit (GIZ) GmbH

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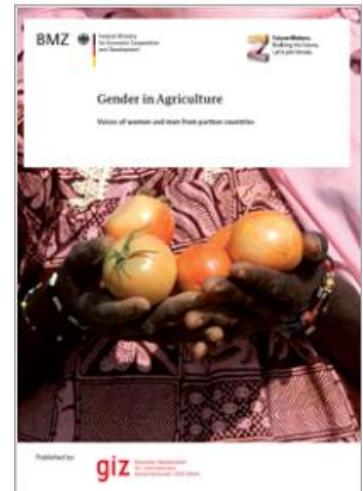
Gender

Gender in Agriculture

Language: English
published in 2012

Link:

<http://starweb.giz.de/starweb/giz/pub/servlet.starweb?path=giz/pub/pfm.web&r=34760>

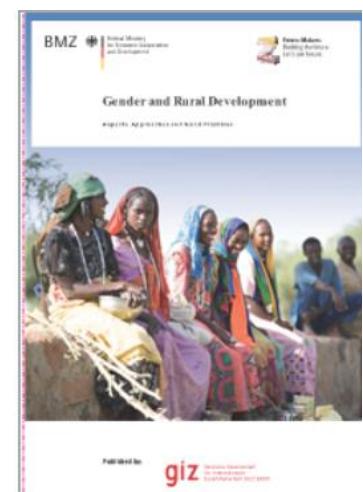


Gender in Rural Development

Language: English, French
published in 2013

Link:

<http://starweb.giz.de/starweb/giz/pub/servlet.starweb?path=giz/pub/pfm.web&r=34755>



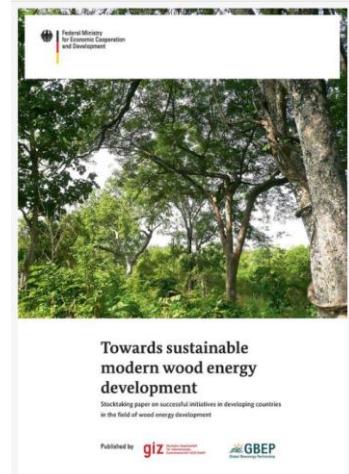
Bioenergy

Towards sustainable modern wood energy development

Language: English
published in 2015

Link:

https://wocatpedia.net/wiki/File:Report_Wood-energy_aktuell_26-03-15.pdf

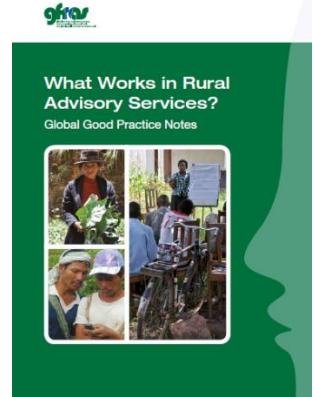


Agricultural Extension

What works in Rural Advisory Services? Global Good Practice Notes
(digital version only)

published in 2018
Language: English

Link: https://wocatpedia.net/wiki/File:GFRAS_GGP_book.pdf



Integrated Pest Manual

published in 2018
Language: English

Link:
<https://wocatpedia.net/wiki/File:Giz2018-en-IPM-guideline-web.de.pdf>

