



Inform and train on food security, water management and desertification Control in the Sahel

Abstract

Foreword

Dear readers,

This bulletin presents the final results of the 2016/2017 cropping season in the Sahel and West Africa characterized by an increase of 10% in cereal production compared with the 2015-2016 season. Despite this relatively good food availability, the region is experiencing numerous food and nutritional crises, due in particular to persistent civil insecurity in the Lake Chad basin and northern Mali. In this context, the CILSS and its technical partners have already drawn on the alarm bells, based on the analyzes of the Cadre Harmonisé, by informing countries through monitoring mechanisms such as the Regional Mechanism for Food Crisis Prevention and Management (PREGEC) on the risks of food insecurity and the emergency measures to be taken to strengthen food and humanitarian assistance measures in the countries concerned.

A part of this newsletter is devoted to the formation marked by Academic year of the first Master group in Pastoralism and also the formal graduating ceremony of the 3rd the Master group in Sustainable Land Management which brings to 1364 students trained by the AGRHYMET Regional Centre since its creation including 308 masters. This result is a source of satisfaction for the CILSS and its partners whose main concerns is to equip countries with competent managers capable of designing and implementing strategies for the development of agriculture and the protection of the environment.

The other event reported in this bulletin is the naming ceremony of the telecommunications room of the AGRHYMET Regional Centre in the name of M'BASS Ibrahim. This symbolic but significant gesture shows the recognition of all the CILSS to late MBASS. This exceptional manager, who passed away, has contributed greatly to the development of the AGRHYMET Regional Centre, particularly in computer and electronic maintenance, development of new infrastructures and supervision of students and trainees.

Other highlights of this bulletin include the validation of the framework document for improving livestock resilience to climate variability and change in Niger, the scientific meeting to validate data and methods of the MEK-ROU project and the capacity-building of local elected representatives and central decentralization supporters on the integration of climate change into local development policies.

Happy reading

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Regional consultation on the agricultural and food outlook in the Sahel and West Africa

This meeting, which took place from 22 to 24 March 2017 in Dakar, Senegal, showed that the good agricultural production trends forecasted in Cotonou in November 2016 for the 2016-2017 agricultural season are confirmed. Cereal production is 67.2 million tones, which is respectively 10% and 17% higher than the 2015-2016 seasons and the average of the last five years. However, slight decreases were registered in The Gambia (-12.4%), Liberia (-7.5%) and Mauritania (-11.2%, provisional) compared to the five-year average; Tuber production at 166.7 million tons, up 2.4% from the 2015-16 season and 10% above the average of the last five years. Production of cash crops is estimated at 8.3 million tons for groundnuts, 7.4 million for cowpeas, 1.5 million for soybeans and 865 miles for sesame. These productions are up compared to the average of the last five years, except sesame which shows a decrease of 5.6% compared to the 2015-2016 season.



High table. From left to right: Mr. Lebtahi, Mr. Ly, M. Diallo and Mr. Diouf

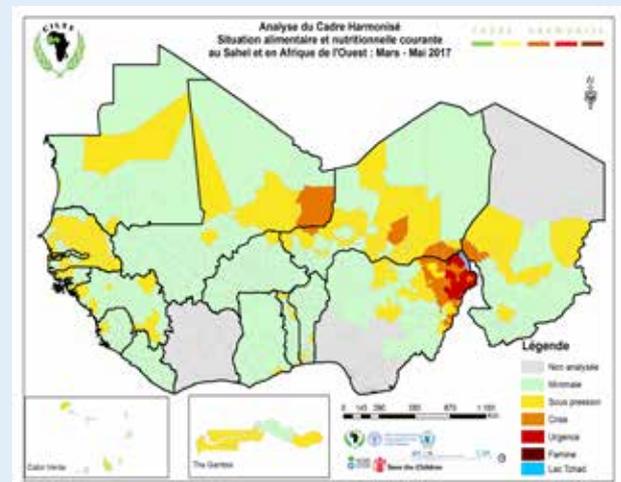
The meeting was chaired by Mr. Souleymane Diallo, Cabinet Director of the Minister of the Environment and Sustainable Development, in presence of Mr. Samba Ly Souleymane, Interim Director of the AGRHYMET Regional Centre, Mr. Reda Lebtahi, Acting Representative of FAO and Colonel Aliou Diouf, Permanent Secretary of CONACILSS in Senegal. In addition to delegates from CILSS and ECOWAS member countries from Agricultural Statistics or Early Warning Systems, the meeting was attended by regional experts from CILSS, FEWS NET, FAO, WFP, ACF, Save the Children and representatives from USAID, FAO, UEMOA, BCEAO and Bilital Marobe.

For more information on the final communiqué from this meeting, please visit the websites: www.cilss.bf; www.agrhymet.ne; www.insah.org

Consolidation workshop for Cadre Harmonisé analyses

The meeting was held from 15 to 21 March 2017 in Saly, Senegal, with the objective of producing consensus information on the current food and nutritional situation in the Sahel and West Africa region, All partners. It brought together the regional experts (CILSS, FAO, UNICEF, FEWS NET, JRC / EU, ACF, Save The Children), who actively attended in coaching and facilitating national analyzes.

A communication sheet on the current situation (March- May 2017) and projected (June - August 2017) was produced during this workshop to consolidate analyzes of the food and nutritional security of the 17 countries of the CILSS / ECOWAS area.



Current situation (March-May 2017)



Family photo of participants



Family photo of participants

Validation of the framework document for improving the climate change and variability livestock resilience in Niger.



High table, from left to right: Dr Kamayé (CNEDD), M. Sarr (CRA), M. Boucha (Ministre) and Mrs. Rabi (SP CONACILSS)

This event, which took place on February 8, 2017 at the AGRHYMET Regional Centre, was chaired by Mr Mohamed Boucha, Minister in Charge of Livestock in presence of Mr Etienne SARR, representing the Interim Administrator of the ARC, livestock professionals and many guests.

Mr SARR said in his speech that this framework document was the culmination of a study commissioned by the Ministry of Livestock of Niger in order to integrate the climate change dimension into the process of planning, Budgeting and monitoring and evaluation of the livestock sector. It was based on surveys of the perception and experience of pastoral communities, expert judgment, analysis of data from observation and climate models on the evolution of the season Rainfall analysis of the impact of climatic risks on pastoral resources and the herders, as well as the adaptation strategies developed during the successive crises experienced by the livestock sector. However, Mr SARR welcomed the exemplary partnership between the Ministry of Livestock, the CNEDD Executive Secretariat and CILSS through the Intra ACP World Alliance against Climate Change, which resulted in the production of this framework document To strengthen the resilience of livestock to climate change in Niger.

Taking the floor, the Minister underlined Niger's efforts in the fight against poverty through the implementation of the strategy of food security and nutritional security and sustainable agricultural development commonly called Initiative 3N: Les Nigériens Nourrissent les Nigériens ". He also magnified the CILSS's support to the Ministry of Livestock to better take into account the issue of climate change in policies and strategies for sustainable livestock development in Niger

Finally, the Minister invited Participants to take ownership of the framework document that will be used as a communication tool to sensitize decision-makers and populations on the links between climate change and the future of livestock in Niger.

Reactions by participants



Mr. Djbo Bagna, chair person of the Niger Peasant Platform: This workshop is important because it validates a Framework document in relation to the livestock sector linked to the climate. Today, all sectors of rural development are affected by the effects of climate change. Therefore, a State or a region must have a framework to indicate its vision, its options and the concerns of the different actors, in particular the herders, in relation to this issue of climate change.



Mr. Mohamed Elh Al Mansour, of the Collective of Pastoral Associations of Niger (CAPAN): This framework document is a tool for prevention of the pastoral crisis. It can lead us towards the identification of the analysis grids of the Vulnerability of the herders and also in the prevention of disasters linked to the pastoral world.



Ms Akatcha Jeannette, Climate Change Focal Point at the Ministry of Livestock: I welcome the fruitful partnership between the Ministry of livestock , the CILSS and the Executive Secretariat of the CNEDD and the CILSS which led to the production of this framework document to strengthen the resilience of livestock to climate change in Niger. This document will contribute to the development of the livestock sector in Niger.



Dr Maguette Kairé, Scientific coordinator of the Project: Global Climate Change Alliance: CILSS leadership In the field of climate change in the West African zone Niger has been accompanied by the development of this framework document for the resilience of livestock to climate change. This framework document is a first in the sub-region. It permits to plan at the sectoral level and also to see coherence with the Niger national livestock policy document.

Scientific workshop for validation of data and methods of the MEKROU project



High table of the ceremony

This workshop, which took place from 15 to 17 February 2017 at the AGRHYMET Regional Centre, is one of the first scientific meetings enabling the actors and scientific partners of the project to exchange in depth on the collected data, tools and methods envisaged as part of the Mékrou project.

The opening ceremony of this workshop was chaired by Prof. Sanoussi Atta, representing the Interim Director of the ARC in presence of Mr. Carmona Moreno César, Scientific Coordinator at the Joint Research Centre.

In his address, Pr. Atta highlighted the importance of the Mékrou project, which aims, among others, to put in place tools for integrated water resource management, with particular emphasis on the collection of diversified data and scientific investigations in a participatory framework. In the long run, these actions will enable the establishment of a decision-support system, which will help to improve the programming of investments in the water sector in order to support economic development, poverty reduction and the attainment of the Sustainable Development Objectives relating to the Integrated Water Resources Management.

The AGRHYMET Regional Centre has contributed to the implementation of the MEKROU project in partnership with GWP West Africa, the Joint Research Center, the NBA and all scientific and technical structures involved in water resources management in Benin, Burkina Faso and Niger.



Réactions des participants lors de l'atelier de



Ms. PALM ZOWELENBRE Emma, Project Manager at the Ministry of Water and Sanitation in Burkina Faso: The Mékrou project fits directly into Burkina Faso's development actions in terms of knowledge of water resources and the fight against poverty . It has enabled us to have a lot of information in the Mékrou area, notably on the actions to protect these resources for the welfare of the populations, agricultural and pastoral activities and also on the protection activities of the parc W ecosystems



Prof. AFOUDA Abel, President GWP / AO:

This workshop allowed us to exchange

on the scientific aspects for example on the models to be used for calculations on the quantities of water resources, the influence of the

climate on the water resources and the water needs of populations. It should also be noted that all issues addressed during this workshop are part of integrated water resource management. This means that all sectors must be taken into account: drinking water, agriculture, livestock and other as water resources management.



Dr Abdou Ali, Hydrologist Expert, and Regional Water Resources Coordinator: This workshop is one

of the first scientific meetings of the Mékrou Project. It has permitted to review the data collected so that the various scientific actors can discuss and validate them. It also allowed the participants to agree on the tools and methods to be implemented in the framework of the Mekrou project and



Capacity-building workshop of local elected representatives and central decentralization supporters on climate change integration in local development policies

The training brought together 30 participants composed of local elected representatives, decentralization service managers and other actors in sustainable local development in Burkina Faso.

They were trained on the following points:

- the notion and perceptions of climate change at different levels;
- the impact of climate change and variability on different natural resource sectors (agriculture, livestock, water resources, forestry);
- the procedure for integrating the climate change dimension into the municipal development plans
- management of natural resources and conflicts related to them.

This training, organized by the CILSS through the Climate Change Adaptation Program in Agriculture and Water (FFEM / AOC), took place from 21 to 24 March 2017 in Ouagadougou, Burkina Faso. The opening ceremony took place on Tuesday 21 March 2017 and was chaired by Mr. Gouba Alfred, Secretary of State for Decentralization, representing the Minister of Territorial Administration and Decentralization (MATD) in presence of Mr. Bado Débré, representative of the Secretary General of MATD, Mr Nikiéma Saïdou, representative of the chair person of the Burkina Faso Municipality Association, Dr Maguette Kairé, representative of the Interim Administrator of the AGRHYMET Regional Centre and Mrs Bélem Ouoba Adéline, Permanent Secretary of CONACILSS.



Family Photo

Formal graduating ceremony of the 3rd Master group in Sustainable Land Management.

The formal ceremony of this Master group took place on 09 January 2017 at AGRHYMET Regional Centre(ARC). It was chaired by Prof. Sanoussi Atta, Chief of the Training and Research Department (DFR), representing the Acting Administrator of the ARC in presence of Mrs. Oumarou Rabi, Permanent Secretary of CILSS National Committee in Niger, heads of Departments and Units, the staff, students and many guests.

This 3rd group is composed of 22 students including 2 women. 19 students have benefited from a funding of the European Union as part of its Regional Sustainable Land Management Program (PRGDT), 02 from UEMOA and 01 from French Cooperation.

The ceremony was highlighted with the addresses delivered by Pr. ATTA and the representative of students, delivery of diplomas and presents to the 3 best students of the group



1st price to M. BIAH Ibitoyé (Benin)



2nd price to Mrs. YAYA Seydatou (Togo)



3rd price to M.KOHIO N'Bagassi Edmond (Burkina Faso)

□ Academic year of the first professional Master group in Pastoralism



High table of the ceremony: from left to right : Mrs Rabi, Mr. Ly, Dr Saley, Mr. Bâ et M. Fodé)

On Thursday 02 February 2017, the AGRHYMET Regional Centre (CRA) organized the academic year of the first Professional Master group in Pastoralism. This ceremony was chaired by Dr Mahamadou Saley, Counselor to the Minister of State, Minister of Agriculture and Livestock of Niger, in presence of Mr. Samba Ly Souleymane, Acting Administrator of ARC, Mr Amadou Bâ, World Bank, Mr. Mahaman Sanoussi Fodé Camara, National Coordinator of the Regional Support Project to Pastoralism (PRAPS) Niger, Mrs. Rabi, Permanent Secretary of the CILSS National Committee and many guests.

The 2017-2018 Master group is composed of 24 students from the 6 PRAPS beneficiary countries namely Burkina Faso, Mali, Mauritania, Niger, Senegal and Chad. This training is part of the activities of the PRAPS funded by the World Bank. It contributes to the capacity building of the Sahelian managers in order to address the new challenges related to pastoralism in the PRAPS beneficiary countries.



family photo of the first group

□ The naming ceremony of the telecommunication room in the name of M'BASS IBRAHIMA



High table of the ceremony (from left to right: M Samaké, M. Lam, M. Ly, Prof Atta and M. Alfari)

The naming ceremony of the Telecommunication room in the name of M'BASS Ibrahima took place on Monday, January 23, 2017 in the amphitheatre of AGRHYMET Regional Centre. It was chaired by Mr. Samba LY SOULEYMANE, Acting Administrator of ARC in presence of his close collaborators and in presence of the family of the late Elhadj M'BASS Ibrahima, the entire staff, students and various guests.

The ceremony started with one minute silence followed by a "Fatiha" to the memory of the late Elhadj M'BASS Ibrahima three addresses were delivered during this ceremony : the speech by Mr. Mamadou SAMAKE, Chief of the Technical Support Department, the one of Mr. Moctar LAM, the representative of the family of the late El hadj M'BASS Ibrahima and the address by Mr. Samba LY SOULEY-MANE, the ARC Acting Administrator .

From the speeches :

Mamadou Samaké : Mr.



Mamadou SAMAKE has highlighted the human and professional qualities of El Hadj M'BASS saying that he was an engaged, competent and conscientious expert. He was also known as a responsible with a legendary availability.



LAM : ... In the name of

the family and many friends that you are, the compatriots that we are, present with us this morning or stayed in the country and elsewhere, we thank the authorities of the ARC in particular But also the heads of CILSS in general for this act of recognition and human generosity by giving the name of MBASS to the telecommunication room"



El Hadj MBASS Ibrahimia was an agent of human qualities and re-markable skill. He was also known for his high sense of responsibility and his legendary availability. El Hadj MBASS has contributed greatly to the development of the AGRHYMET Regional Centre, not-ably to improving the functioning of our institution. Thus, during his stay from 2002 to 2016 at the ARC, he invested in all computer and electronic maintenance work, realization of new infra-structures and also supervision of students and trainee. This is why CILSS, by way of recognition, decided to baptize the telecommunication room, SALLE M'BASS IBRAHIMA

r Agriculture and livestock fair in Niger

The opening ceremony of the 3rd edition of the Agricultural, Livestock, Environment and Hydraulic Exhibition (SAHEL 17) took place on Monday, 27 February 2017. The stand of AGRHYMET Regional Centre has been honored by the visit of HE Mahamadou Issoufou, President of the Republic of Niger, HE Brigi Rafini, Prime Minister and Mister Albadé Abouba, Minister of State, Minister of Agriculture and Livestock. After attending with many interests a presentation of the ARC, they have congratulated and expressed their encouragement to the entire institution. Other personalities, professionals from livestock and agriculture, producers and students, they've been informed about products and services from the AGRHYMET Regional Centre.



Certificate delivery to the son of late MBASS by Mr. Samba Ly Souleymane, Acting Administrator.



Visit of HE Mahamadou Issoufou, President of the Republic of Niger



unveiling of the plate bearing the name MBASS IBRAHIMA by the Acting Administrator in presence of the family of the late MBASS



Visit of HE Brigi Rafini, Prime Minister of Niger

□ Conference on the acquisition of images by drone for rural development.

Dr Aziz Kountché, Director of the Drone Society, hosted a conference on the acquisition of images by drone for rural development on 24 February 2017. More than 80 people from the Ministries of Agriculture and Environment, students, teachers from Abdou Moumouni University and ARC staff attended the conference.

The following points were discussed during this conference: What is a drone? Different types of drone and possible applications for rural development.

In his presentation, Mr Kountché showed from images the utility of drones for agricultural and environmental monitoring, monitoring of protected areas and prevention of natural disasters. The presentation was followed by questions such as: the advantages of drone image acquisition, the legal framework for the use of drones in Niger, and the monitoring of the Desert Locust by drone. The speaker responded brilliantly to all these questions.

A practical demonstration of the acquisition of images by drone in the premises of the AGRHYMET Regional Centre closed this conference.



Overview of participants



Remise d'une Attestation de Témoignage de Satisfaction au conférencier par M. Samaké

□ End of mission at ARC for Dr Bakary Djaby



Delivery of formal satisfaction certificate to Dr Djaby by Mr. Samba Ly, ARC Interim Administrator .

□ Promoting experts of the ARC

Dr. Issoufou Baoua and Dr. Issa Garba respectively defended their doctoral theses on January 7, 2017 and March 30, 2017.

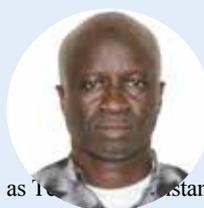


Theme of Dr Issoufou Baoua : Gestion des crises alimentaires dans le contexte de la décentralisation et des risques de catastrophe climatique au Niger.



Theme of Dr Issa Garba : Modélisation spatiale de la production fourragère en zone pastorale nigérienne.

□ Movement of the staff



Dr Mamadou Niane joined the AGRHYMET Regional Centre

as the assistant of the MESA Land Thema project since February 1st 2017. He replaces Dr Bakary Djaby who was appointed Team Leader of the Monitoring of Environment and Security in Africa.

• **Director of publication**

M. Samba Ly SOULEYMANE
ARC Interim Administrator

• **Editor in chief** Papa Oumar DIEYE,

Responsible of Communication Unit

Deputy Editor in chief

Mamane SOULE,
Responsible of the M & E unit

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Prof Atta Sanoussi : Chief of the Training and Research Department

Issoufou Alfari: Chief of the Information and Research Department

Mamadou Samaké : Chief of the technical support department

Dr Seydou Traore : Chief of the scientific coordination unit

Etienne Sarr : Responsible of the continuous training Division

Martial SY Traoré : Market Expert

Dr Issa Garba : Pastoralist Expert

Dr Maguette kairé : Forestry Expert

Dr Abdou Ali : Hydrologist Expert

Dr Idrissa Maiga : Expert in Ecology and Evolutionary Biology

Tinni halidou Seydou : Meteorological forecast expert

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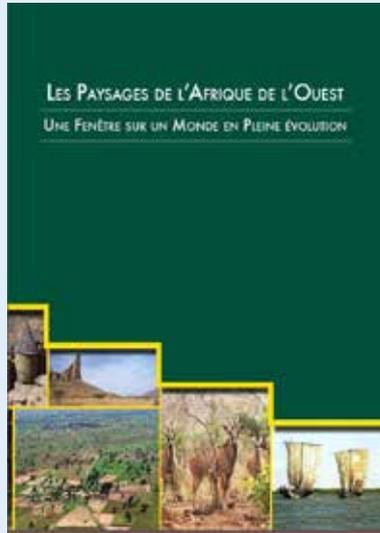
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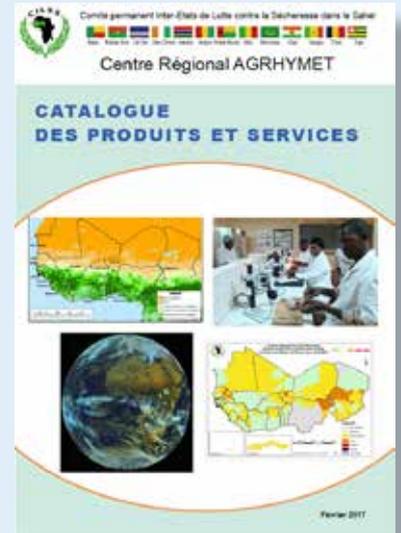
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New publications

West African Landscapes



Catalog of products and services of the AGRHYMET Regional Centre



Agenda

- Workshop on the progress state of the technical implementation of the ECOAGRIS Platform. From 25 to 27 April 2017 in Niamey, Niger
- 2nd Forum of the MESA project, from 24 to 28 April 2017 Dakar, Senegal
- Regional workshop on in-depth training on the RIMA tool, from 19 to 20 April 2017 in Dakar, Senegal
- Seasonal forecasting forum in Sudano-Sahelian West Africa, PRESASS 2017. Accra, Ghana, 15 to 19 May 2017
- AfriGEOSS Symposium. 13-15 June 2017. Sunyani. Ghana