

Bulletin

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Inter-Basin Water Transfer Solution to Restoring Peace, Security, Livelihood in the Lake Chad Basin — FAO

he Food and Agriculture Organization (FAO) has recommended that a far-reaching solution to restoring peace, security and livelihood of the Lake Chad Basin is to transfer water to the lake from the Congo Basin, connecting the River Congo to the Chari River that flows into Lake Chad. This will address the daunting hardship faced by millions of people living in the area.

Even though it is a multi-billion dollar project, FAO called on the African Development Bank (AfDB) to facilitate the creation of the Lake Chad Fund of US \$50 billion to be sourced from African states and donations by Africa's development partners to fund the Lake Chad project and other infrastructural projects in order to restore peace to the Lake Chad.

The Country Director of FAO, Mr. Suffyan Koroma, suggested this during one of the technical sessions of the 3rd International Conference on Drylands organized by the Centre for Dryland Agriculture (CDA) in collaboration with ICRISAT and IITA on 27th September, 2018, titled: **The Chad Basin: Revitalizing Livelihoods and Ecosystem.**

Mr Koroma said the Lake Chad Basin, shared by eight countries including Algeria, Cameroon, the Central African Republic, Chad, Libya, Niger, Nigeria and Sudan, is one of the largest fresh water bodies in Africa and occupies about 8% of the continent's size. An estimated 12% of the over 370 million people in these countries live around the lake and depend on it for crop and livestock farming, fishing, commerce and trade. Due to climate change and human activities, the size of the lake has reduced from 25,000 km² to less than 2,500 km² between 1963 and 2017, roughly 10% of its original size.

The Country Director, who was represented by Ahmed Matani, observed that degradation of the resources in the basin was partly responsible for the security challenges around the region and that climate change and unsustainable agricultural practices contributed to rainfall variability in the region, a situation that was having a direct impact on millions of people who depend on the basin's resources.

"Experts say Lake Chad could disappear this century.



A view of declining Lake Chad

With water and vegetation retreating fast, communities around the Lake are coming under pressure – and into conflict," he said.

The region he said was a hub for terror groups like *Boko Haram* and "Islamic State" (IS), which could also serve as a bastion for security threat to Europe. He added that crisis had unfolded in the region beset by chronic fragility, where poverty, unemployment and a lack of prospects for young people fueled extremism and were compounded by environmental degradation and the impacts of climate change.

Research has shown that more than 10 million people are in need, 7 million severely food insecure 2.3 million people displaced, 515,000 children acutely malnourished and more than 220,000 people from the region classified as refugees.

The movement in search for pastures deeper southwards has led to the deadly clashes in Nigeria and in parts of West Africa between herdsmen and farmers. The violence in the region has driven tourists away and destroyed entire economic sectors, such as agriculture. The insurgency by the militant Islamist group (Boko Haram) has also led to a catastrophic decline in agricultural production, the mainstay of the region," FAO Country Director explained.

Lake Chad's horrible fortunes can be reversed through a comprehensive programme of action to save it from total extinction. He noted that attention should not only be paid to the specific situation in each of the affected countries but also the interdependencies across the region - cross-border dimensions, such as refugee movements,

including possible returnees.

He said International co-ordination on the ground already existed, especially through the military alliance formed to fight the *Boko Haram* insurgency with greater effort into the inclusion and integration of local communities and civil society groups in the design, implementation of

interventions for the restoration of the Lake Chad Basin.

FAO also recommended that more longer-term development investments are needed to re-establish civilian government presence and services, build resilience and address the underlying vulnerabilities and conflict drivers.

Adopt SUKUK for Accelerated Development

... Prof. Monzer Kahf Advises Nigerian Government

By Lamara Garba

he Nigerian government has been advised to adopt the use of the *SUKUK* bond in the financing of viable infrastructures as a guarantee to ensuring sustainable and accelerated economic development of the country.

SUKUK is form of a special Islamic bond that ensures



the easy certification of government's assets, properties and all forms of wealth in their custody and allows for economic advancement.

A Professor of Islamic Economics in the Department of Islamic Economics, University of Southern California, Professor Monzer Kahf, who gave the advice in a paper he delivered, titled *SUKUK and Sustainable Development* on Tuesday, 18th September, 2018 at Mahmud Tukur Theatre, Old Campus, revealed that the system in addition to being interest free provides a leeway for viable economic ventures.

BUK Signs MoU with Islamic University in Uganda By Nura Garba

Bayero University, Kano and the Islamic University in Uganda (IUIU) have signed a memorandum of understanding that is aimed at addressing a number of challenges facing Islam in the world. The MoU will also explore areas of staff and student exchange, joint research and comparative researches by Muslims in Nigeria and Uganda.

At the ceremony of signing the MoU on Monday, 8th October, 2018, the Vice Chancellor, Professor

According to him, *SUKUK* is the most appropriate and viable option for a developing nation like Nigeria, with abundant human and material resources, pointing out that even developed nations had resorted to the system in view of its healthy nature and viability for sustainable growth and economic buoyancy.

The guest speaker, who was impressed by the hospitality shown to him by the University management, said that Bayero University had a brighter potentiality of becoming a leading University in the country by growing fast if it could adopt the concept of *SUKUK* in its services.

Earlier, in her welcome address, the Director of the International Institute of Islamic Banking and Finance (IIIBF), Professor Binta Tijjani Jibril, said the lecture was specifically organized to enlighten members of the public about the concept of SUKUK and its significance towards economic rejuvenation.

The Director pointed out that the system was a veritable engine of sustainable economic growth and development suggesting that, Nigeria, being a potential economic super power was no doubt on the verge of achieving success in its drive to improved economic activities.

She said the IIIBF was established with a view of bringing to the fore Islamic Finances as well as other ideas and concepts' in line with the global best practices so as to serve as a vehicle of the conveyance of positive economic changes to the society.

Muhammad Yahuza Bello, said the Vice Chancellor of Ugandan University was in BUK some time ago to discuss all the aspects of the collaboration and the ceremony was postponed to now. He explained that the MoU would benefit both universities in many respects.

Prof Bello also noted that despite many challenges the MoU was set to address, it would also provide many opportunities.

The Rector of Islamic University, Uganda, Dr. Ahmad Kawesa Sengendo, said the Ugandan University would learn a lot of things from Bayero University and Nigeria because the West African country had a long history of



VC, Prof. N. Y. Bello and Rector, IUIU, DR. Ahmad Sengendo signing an MoU

Islamic development. He said the two Universities would work together to address the enormous challenges facing the Muslim world and to depict the true messages to the world about Islam.

"Nigeria must help greatly in reconstructing the Muslim society in Uganda, to learn skills and proper Islamic knowledge in order to compete in the global scale," Dr. Sengendo added.

The MoU was signed in the presence of Deputy Vice Chancellors Academics and Administration, Professor Adamu Idris Tanko and Professor Haruna Wakili; the Registrar, Fatima Binta Mohammed, the Bursar, Alhaji Sulaiman Bello, the Librarian, Dr. Musa Auyo, the Director of Public Affairs, Malam Ahmad Shehu, a Senior Lecturer in the Department of Educational Psychology, Islamic University in Uganda, Abubakar Ndagi Muhammad, the Director of the Centre for Qur'anic Studies, Dr. Muhammad Babangida and Dr Taufeeq.

BUK Staff Benefit from University of Silesia Linkage Programme By Adamu Garba

The first set of staff from the Faculty of Earth and Environmental Sciences (FEES), Bayero University, Kano attended a one-month training on Geographic Information System (GIS), a specialized software and a conference on Groundwater Vulnerability in Uston, Poland as part of academic linkage and collaboration programme between Bayero University, Kano and University of Silesia in Katowice, Poland.

The University of Silesia in collaboration with the Polish Commission for UNESCO and Polish Ministry for Higher Education conducted the fellowship training between 1st and 30th June 2018, for three staff of Faculty Earth and Environmental Sciences, BUK. The academic staff members who participated in the training were Dr. Badamasi M. Murtala from Department of Environmental Management, Dr. Salisu Mohammed from Department of Geography and Dr. Abdullahi Arabi Suleiman from Department of Geology.

The University of Silesia in Katowice, Poland and Bayero

University, Kano, had signed a Memorandum of Understanding (MoU) on 8th June, 2017 with Dr. Abdullahi Arabi Suleiman as the linkage coordinator in Bayero while Dr. Ewa Kurowska represented the University of Silesia. The agreement was signed in order to develop tasks of international education and to carry out joint research programmes so as to widen dialogue between academic staff and students and to work out a better understanding between the two nations.

Apart from the GIS and specialised software training, fellows also embarked on a field trip to study environmental impact of quarry sites and also conducted field study of tree species around the region of Silesia.

During the same period, the linkage coordinator, Dr. Arabi, and the fellows visited Institute of Oil and Gas, Krakow to conclude arrangement of tripartite collaboration between BUK, Oil and Gas Institute, Krakow and Centre for Petroleum Research and Development, Abubakar Tafawa Balewa University,



Fellows from FEES,BUK at the entrance of the Faculty of Earth Sciences, University of Silesia



Fellows from FEES, BUK after the conference in



Fellows from FEES,BUK after the collaboration meeting in Krakow

ACU-BNET Fellowship Recipients Visit BUK for External Examination By Nura Garba

Dr. Purity Muthima from Kenyatta University, Kenya has visited Bayero University as part of Association of Common-Wealth Universities' (ACU) and British-Nigeria Education Trust (BNET)'s Fellowship program.

The program intends to support staff of member institutions, enabling them to travel oversea for short periods of research, collaboration and training.

Dr. Muthima had already arrived in BUK, while her colleague, Dr. Louis Jinot Belle, from Open University of Mauritius is expected to arrive next week. All of whom are

recipients of ACU-BNET Fellowship, which is to enable the sharing of knowledge and expertise in the field of



University of Mauritius is Dr. Muthima (left) and Prof. M. Y. Bello (right) discussing a point

education.

In a courtesy call paid to the Vice Chancellor, Professor Muhammad Yahuza Bello, on Monday, 8th October, 2018,

Dr. Muthima said the external examination would expose her to the academic trends in Nigeria and she would compare and contrast them with those of her country.

The Vice Chancellor, Professor Bello, said the programme was part of quality assurance mechanisms that would benefit both the external examiner and the visiting institution. "Let us look at this visit beyond ACU-BNET programme by exploring

possibilities of collaborating between Bayero University and Kenyatta University of Kenya," he added.

NUESA Lauds University Management

By Rabi'u M. Sagir

The Nigerian National University Engineering Student Association has commended the management of Bayero University for its outstanding performances, especially in providing infrastructural development and other logistics programmes, which is promoting the well-being of its students. The Speaker of the Association, Senator Nasir Haruna Dalhat (Nakabara), who was speaking on Tuesday, 9th October, 2018 while commissioning a motorcycle parking lot for the students of Faculty of Engineering, said he could not express the degree of happiness that he had because "our vehicles are now going to be properly secured, which is also going to improve our academic performance. Many students have lost their vehicle through parking outside classes, which

affects their performance negatively," he said.

On his part, Dr. M.M. Maina acknowledged the effort of NUESA EXCO and caretaker committee for the commitment and determination they had shown in handling the affairs of the association in a positive way.

Dr. Maina urged the students to abide by the rules and regulations of the parking space so as to help the security personnel in charge of the park, in order to create an atmosphere conducive for both parties.

Malam Aminu Garba, Security Personnel of the Park, called on the University's students to abide by the rules and regulations governing the parking space. He explained that no student should pick any other students' vehicle in proxy in order to avoid any contentious matters.

Registrar Presents Cheques to Families of Deceased Staff By Adamu Garba

The Registrar, Hajiya Fatima Binta Isyaku Mohammed, has presented cheques to the families of the University's staff who died in 2015. The Group Life Insurance Cheques, which were received from the Federal Ministry of Education, were presented to the families of five different staff who passed away while on service in the University.

The event which took place in her office on Tuesday, 9th October, 2018, was witnessed by the Director of the Directorate of Establishment Matters, Malam Jamil Salim, Muhammad Garba Bello from the Staff Pension Unit and other members of staff.

In her speech, the Registrar, Hajiya Binta, expressed her gratitude to the Federal Ministry of Education for providing the Group Life Insurance Cheques, which she considered commendable. She also urged the next of kin of the beneficiaries to temper justice and fear God in sharing the benefits.

In his remarks, the Director, Directorate of Establishment Matters, Malam Jamil Salim, commended the effort of the Federal Ministry of Education on Group Life Insurance. He further disclosed that this was the second time in a row that the University received the Group Life Insurance cheques from the Ministry. He said that six cheques were

received last year and four this year and that more are expected in the near future.

While presenting the cheques to the Registrar, the Head,



Registrar, Fatima Mohd (3rd left) being flanked by the Director, Establishment Matters, Malam Jamilu Salim (3rd right), M. Bello Garba (2nd right) and beneficiaries

Staff Pension Unit, Muhammad Garba Bello, hailed the

Registrar for her support and commitment to staff welfare.

Malam Albdullatif Halafi Kabara, the next of kin to the

late Shehu Bala Sagagi, who spoke on behalf of the recipients, pledged to share the benefits to the family of the deceased with justice and fairness according to Islamic laid down procedures. He hailed the federal government for issuing the cheques and the University Management for its relentless effort to maintain staff welfare.

Other beneficiaries included Nasir Ado, the next of kin to the late Bashir Ado, Lawal Mustapha, the next of kin to the late Muhammad Bature Danlami, Abel A. Yusuf and Blessing Omokere, both next of kin to the late Helen Omokore and Ibrahim Adamu Ibrahim, the next of kin to the late Adamu Ibrahim Ohikura.

NGO Advocates BUK Female Staff to Participate in Politics By Adamu Garba

An African based non-governmental organization called the Nigerian Women's Trust Fund (NWTF) which

organized a one-day symposium in collaboration with the Non-Academic Staff Association (NASU), has called on increase in the representation of women in Nigerian governance at all levels to address the growing concerns about the gender imbalance.

The event which took place at Mahmud Tukur Theatre, Old Campus on 4th October, 2018 witnessed large turnout of Bayero University female staff.

The CEO, Nigerian Women's Trust Fund, Mrs. Mufuliat Fijabi, and Dr. Muhammad Mustapha Yahaya, the Executive Director, Centre for Dispute Resolution and Development Initiative, who earlier paid courtesy visits to the Vice Chancellor and the Registrar in their offices, both presented papers at the occasion.

In her presentation, Mrs. Fijabi pointed out that it was important for professional women in the likes of ASUU, NASU and SSANU to participate in sensitization and to support women political participation in Nigeria, especially in the forthcoming 2019 general election. She said women, regardless of their background, should support one another so as to increase the number of women at all the levels of government in both appointive and elective positions.

In his remarks, Dr. Mustapha said evidence had shown that women had lesser representation in the legislation of Nigeria with no single women representation in the whole northwest geopolitical zone at the National Assembly.



He said they were at Bayero University to sensitize women to support their fellow colleagues in the next coming election so as to reduce the gender disparity.

Earlier, the NASU Treasurer, Mrs. Ladi Musa, made it clear in her welcome address that women needed not only to promote and empower themselves in political participation but also to reach out to the general public, especially in areas of voters' education and credible election in 2019.

Directorate of Research, Innovation and Partnership (DRIP) Disclosure Information and Research Output

The Directorate of Research, Innovation and Partnership is starting the process of research commercialization. According to the intellectual property policy of BUK, prior to the commercialization of research output, researchers and the University must own the intellectual Property Right through Patenting or copyright registration with the legitimate authorities in Nigeria.

In order to facilitate the above, researchers are requested to disclose any invention, innovation or software to the University by completing and submitting the appropriate form as follows:

- i. Information Disclosure form
- ii. Invention Disclosure form
- iii. Innovation Disclosure form
- iv. Software Disclosure form

Please note that information Disclosure Form is to be filled by all researchers in the services of Bayero University, Kano.

In a letter signed by the Assistant Registrar, Maryam Hassan Abdullahi, any invention, innovation or software found to have commercial potential will be protected (patented or copyrighted) at no cost to the researcher.

Centre for Biotechnology Research: Announcement of Upcoming Workshop

The Centre for Biotechnology Research wishes to inform the university community of its upcoming Workshop *Theme: Basic Molecular Biology Techniques.* Content:

- DNA Extraction from Plants, Mammals and Bacteria
- Polymerase Chain Reaction (PCR)
- Gel Electrophoresis
- BLAST and Phylogenetic Analysis

Participants: 120 academics and technical staff drawn from selected Science-based departments and research centres across the University.

Date: 15th-17th October, 2018 – **First Batch** 22ND-24TH October, 2018 - **Second Batch**

Time: 9:00am-6:00pm

Venue: Centre for Biotechnology Research, Old Campus,

Bayero University, Kano

Department of Linguistics & Foreign Languages: Public Lecture

The Vice Chancellor

Bayero University, Kano

Cordially invites the University Community and the General Public to the public Lecture titled:

Current Trends in the Linguistic Sciences

Organized by the

Department of Linguistics & Foreign Languages

To be presented by Professor Felix K. Ameka (President World Congress of African Linguistics, WOCAL) Department of African Languages and Cultures, Leiden University Centre for Linguistics, the Netherlands

Date: 25th October, 2018 **Time:** 10:00 am prompt

Venue: Faculty of Computer Sciences and Information Technology (FCSIT) Theater, BUK, New Campus

SEMINARS

Department of Political Science: M.Sc Internal

Presenter 1: Ahmad Shehu Durbawa (SPS/14/MPS/0011) Title of Thesis: Border Communities and Security

Challenges: A Case Study of Illela-Koni Border of Nigeria and Niger Republic

Supervisor: Prof. Kamilu Sani Fage

Internal Examiner: Mal. Ibrahim Muazzam
Presenter 2: Nura Abbas Hamid (SPS/14/MPS/00024)
Title of Thesis: The Role of Opposition Political Party and
Democratic Development in Nigeria: A Case Study of Kano
State, 1995-2015

Supervisor: Dr. Abdulmalik Auwal

Internal Examiner: Prof. Habu Mohammed

Presenter 3: Abdullahi Abubakar Rimi (SPS/14/MPS/00010) **Title of Thesis:** Youth Empowerment in Nigeria: An

Title of Thesis: Youth Empowerment in Nigeria: An Assessment of Katsina Youth Craft Village (2010-2015)

Supervisor: Prof. Fatima Oyine Ibrahim

Internal Examiner: Dr. Saidu Ahmad Dukawa Presenter 4: Bala Soji Helda (SPS/14/MPS/000007)

Title of Thesis: The Effect of Boko-Haram Invasion on Mubi

on its Cattle Market

Supervisor: Dr. Abubakar Jika Jiddere Internal Examiner: Dr. Abdul'ziz Sani

Presenter 5: Sa'adatu Rabiu Tahir (SPS/14/MPS/00015)
Title of Thesis: The Role of FOMWAN in Campaign for Gender Equity and Women's Political Participation in Kano

Supervisor: Dr. Abubakar Jika Jiddere

Internal Examiner: Prof. A'isha Abdul-Isma'il
Presenter 6: Zainab Ado Shehu (SPS/14/MPS/00028)
Title of Thesis: An Assessment of Kano State Government
Economic Empowerment Program on Women in Nassarawa

L.G.A. of Kano State Supervisor: Prof. Shehu Dalhatu

Internal Examiner: Prof. A'isha Abdul-Isma'il

Chairman, Duaf Haby Mahammad

Chairman: Prof. Habu Mohammed

Date: October 16, 2018 **Ph.D SEMINAR:**

Presenter 1: Jibrin Abdullahi Mohammed

(SPS/12/PPS/00003)

Title of Seminar (1st): Review on Malaria Burden and Roll-Back Malaria (RMB) Policy in Nigeria: A Survey of Millennium Development Goals (MGDs) **Programme on**

the Fight Against Malaria (BC) 1999-2015 Supervisor: Dr. Sa'idu Ahmad Dukawa

Presenter 2: Ibrahim Yakubu Umaru (SPS/13/PPS/00001)

Title of Seminar (1st): The Politics of Official Development Assistance (ODA) in Nigeria: An Assessment of the World Bank's FADAMA II Project in Kaduna State

(2004-2014)

Supervisor: Prof. Habu Mohammed **Presenter 3:** Hassan Muritala Babatunde (SPS/13/PPS/00005)

Title of Seminar (2nd): Democracy, Foreign Direct Investment (FDI) and Socio-Economic Development in Nigeria: An Analysis of the Nexus (1999-2014)

Supervisor: Prof. Kamilu Sani Fage Chairman: Prof. Habu Mohammed

Date: October 18, 2018 **Time**: 10:00am

Venue: Haruna M. Salihi Board Room

Department of Physics: Seminar Presentation **Presenter 1:** Maryam Lawan (SPS/17PPY/00022) – PhD **Topic:** Integrated Geophysical Analysis for Decryption of Geologic Features at Sumaila Local Government Area, Kano State, Nigeria.

Chairman: Dr. M.O. Aku

Presenter 2: Yusuf Abdullahi Musa (SPS/16/PPY/00019) -

PhD Geophysics

Topic: Critical Appraisal of Tudun Wada Area of Kano State, Nigeria as a potential Economic Minerals Resource by

Integrated Geophysical Approach

Chairman: Prof M. Saleh

Presenter 3: Abubakar Ibrahim Haruna (SPS/16/MPY/00021) – M.Sc Physics

Topic: Modeling of Mass Transfer in Solar Drying of

Plantain Slices

Chairman: Prof B.I. Tijjani

Presenter 4: Nura Abdullahi Haruna (SPS/MPY/00009) –

M.Sc Physics

Topic: Optimum sizing of a Photovoltaic Operated System Power Supply for a 4-Bedroom Flat in Kano, Kano State,

Nigeria

Chairman: Dr. Abdu Yunusa **Date:** Thursday 18th October, 2018

Time: 10:00am

Venue: New Departmental Conference Hall



APPRECIATION FROM PROF. BALA SIDI ALIYU

Professor Bala Sidi Aliyu, the Director Academic Planning, wishes to express his profound appreciation to all those who sympathised with him and his family over the fire incident that engulfed his official residence on the Old Campus of the University recently. His special appreciation goes to the Vice Chancellor, Prof. Muhammad Yahuza Bello and other principal officers of the University; the Executive Secretary of TetFUND, Dr A.B. Baffa; the Vice Chancellors and Deputies of Yusuf Maitama Sule University, Kano and Federal University Dutse; Chairmen of ASUU, SSANU, NAAT and NASU; Deans, Directors, HODs, Faculty of Life Sciences Female Lecturers Forum and other members of the University too numerous to mention. May Allah reward you all abundantly, amen.



The Vice Chancellor

PROFESSOR MUHAMMAD YAHUZA BELLO

On behalf of the Entire University Community

Invites the General Public to the

34 PROFESSORIAL INAUGURAL LECTURE

Topic:

SEAMLESS GLOBAL CONNECTIVITY AT THE SPEED OF LIGHT:

Converting Intrinsic Undesirable Phenomena in Optical Fibers to Capacity Increase

LECTURER MOHAMMED AJIYA

Professor of Electrical Engineering Department of Electrical Engineering Faculty of Engineering

CHAIRMAN

PROFESSOR MUHAMMAD YAHUZA BELLO

Vice Chancellor Bayero University, Kano

DATE: Thursday, October 18th, 2018

TIME: 10:00am Prompt

VENUE: Musa Abdullahi Auditorium,

New Campus, Bayero University, Kano

ANNOUNCER:

Professorial Inaugural Lecture Committee





