



21 June, 2021.

**REPORT OF 2ND BIENNIAL INTERNATIONAL WORKSHOP AND CONFERENCE ON ECONOMIC AND SOCIAL GOODS
FORECASTING IN TIME OF COVID-19 : DATA ANALYTICS AND FORECASTING METHODS**

Date: **16 – 18 June, 2021**

Venue: **International Conference Centre, University of Ibadan, Ibadan, Nigeria.**

Being the report of the just concluded West African Young Statisticians Association (WAYSAs) 2nd Biennial International Conference and Workshop held at the University of Ibadan Conference Centre, between 16 and 18 June 2021. The theme of the event was "**Economic and Social Goods Forecasting in the Time of COVID-19: Data Analytics and Forecasting Methods**". The conference was a great time and highly impactful capacity building workshop. The event was declared open by highly reputable scholars and professionals among whom were; Prof. Daud Shangodoyin (Keynote Speaker 1) , Prof. Richard De Veaux (Lead Resource Person) , Dr. Bahman Rostami-Tabir (Keynote Speaker 2), Prof. Abel Olayinka (Special Guest, immediate past Vice Chancellor, University of Ibadan), Prof. Bolanle Olaniyan (Invited Guest and Wife of the Deputy Governor Oyo State), Dr. Balogun kayode (Rector, Federal School of Statistics, Nigeria), Dr. Oyamakin Samuel (Moderator), Prof. Shittu Olarenwaju (The Scientific Chair), Mr. Oyebimpe Adeniji (Chair, Local Organizing Committee), Dr. Yaya Olaoluwa (Resource Person), Dr. Kazeem Adepoju (Invited Paper, University of Minnesota, USA), Prof Sodipo Ademola(Invited Guest) and Dr. Obisesan Adepoju (Oral Paper Presenter) among others.

The workshop was a hybrid one (people attended both onsite and virtual), it was a 3 – day event that recorded 61 onsite participants and 33 virtual participants during the first day of the workshop while the second and third day recorded 25 participants. Officially at onsite, 12 participants registered for the workshop and 13 students were admitted into the workshop free of charge. All the participants were given equal treatment and attention. The venue for the event is at the state of art and highly conducive based on participants feedback. Nine media organisations that were invited covered the event. Links for the published stories are attached in the last page of this report.



DAY 1: Wednesday, 16 June, 2021

Time 9:00am – 5:30pm

Arrival started at 9: 00am – 11 : 00am Lagos Time and proper opening ceremony started at exactly 11:00am. The order of program commenced with opening prayer by Dr. Adesiyon Olufemi of Nigerian Brookers Company, this was followed by recitation of Nigeria National and University of Ibadan anthems. The Introduction of Guests and moderation of programme was done by Dr. Oyamakin Samuel. The Scientific Chairman, Prof Shittu Olarenwaju was called to the podium to deliver his welcome address. Goodwill messages were taking from people onsite and virtual. Prof. Richard De Veaux of Williams College USA, Dr. Bahman Rostami-Tabir and Dr. Kazeem Adepoju of Minnesota University USA gave their remarks via zoom. Prof. Daud Kehinde Shangodoyin who is the Commissioner of Public Works and Transport Oyo State gave the first keynote lecture, title “The Driving Fingers of Data Revolution Towards Sustainable Development in Africa”.



Exactly 12:00 – 12:30 was the Tea Break time.

12:30 – 1:30pm Dr. Bahman Rostami of Cardiff University, who was the Second Keynote Speaker, spoke on Forecasting for Social goods via Zoom. In are words; Forecasting plays a critical role in the development of organizational business strategies. Despite a considerable body of research in the area of forecasting, the focus has largely been on the financial and economic outcomes of the forecasting process as opposed to societal benefits, more detail of his lecture can be access on <https://www.bahmanrt.com/talk/2021-ways/>

1:30pm – 2:00 pm Award Presentation was done shortly after the keynote lecture of Dr. Rostami Bahman. Prof. Shangodoyin, Prof. Abel Idowu Olayinka, Chief Bisi Ilaka and Engr. Seye Famojuro was given an award of Excellence in their various public areas of services. It was a bit of a long break after. Photograph shot and press interview was granted during this time.



2:30 pm - 3:00pm was the Lunch time. Exactly, 3:00pm – 5: 00pm was the first lecture and it was delivered via Zoom by Dr. Kazeem Adepoju of University of Minnesota USA, His lecture was titled “Data Modelling Vs Algorithmic Modelling” : Example from COVID-19 Post Vaccination Adverse Reactions. The lecture was delayed till 5:30 pm due to many questions and comments. Exactly 5:30pm the event of DAY1 was called a day. Note all events were live on Zoom Application.

61 Participants Attended Day1 of the Workshop.

DAY 2: Thursday, 17 June, 2021

Time 10:00am – 5:00pm

Day 2 Started exactly at 10: 00am, It was a full day of Capacity building training by Dr. Yaya OlaOluwa of the University of Ibadan and Prof. Richard De Veaux of Williams College USA via onsite and zoom respectively.

Dr. Yaya OlaOluwa Started the first session at exactly 10:00am and a break was observed at exactly 12:00pm which makes it 2 hours lecture, He tutored the participants on Forecasting Method and Illustration with empirical data with R Software.. Paper Presentation was shifted till Day 3 due to participants' request. A very short Tea Break was taking between 12:00pm – 12:30pm. At 12:30pm Prof. Richard De Veaux tutored the participants on ‘Big Data Analysis and Data Mining with R software. He focused so much on modern regression and practical examples. You can read more of his detailed lecture on this link . He ended the class at 2:30pm then, Lunch was taking between 2:30pm – 3:00pm . Dr. Yaya took over immediately after the lunch to continue Session 2 of Forecasting methods and Illustration. The training lasted for 2 hours. At 5:00pm , Day2 was called off. Day 2 recorded 25 Participants.



DAY 3: Friday, 18 June, 2021

Time 10:00am – 1:00pm

We Started Day 3 at exactly 10:00 am with a paper presentation from three (3) presenters and ended at 12:00pm.



Paper 1: The Spread of COVID-19 Outbreak in the First 120 Days: A comparison between Nigeria and Seven Other Countries; Dr. **Kazeem Obisesan**, *University of Ibadan Nigeria*



Paper 2: Modeling COVID-19 Pandemic Data with Beta- Double Exponential Model; Dr. **Badmus N.I. et al**, University of Lagos, Nigeria. <https://www.journalajrid.com/index.php/AJRID/article/view/30181/56634>

Paper 3: Regression Estimators in the Presence of Multi- Phase Sampling and Multi- Auxiliary Characteristics; Mr. Ologunleko Emmanuel Femi.

Closing remark and award of certificate of attendance and membership by the West African Young Statisticians President; Mr. Oyebimpe Adeniji. He also praised and appreciate the tremendous financial and technical support given by International Institute of Forecasters , International Statistical Institute, Blue Royale Integrate Limited, Dr. Bahman Rostami- Tabir, Prof. Richard De Veaux, Dr. Kazeem Adepoju, Prof. Shittu Olarenwaju. A closing Prayer and Photograph were observed. It was a long Lunch time and deliberation with all participants. Dr. Serifat Folorunso assisted in all affairs related to hospitality while Mr. Adeniran Adefemi played a very huge role in public relation and moderation, Session Chair and Technical support. Day 3 recorded 25 Participants.



Sixty-One (61) Participants attended Day1 of the workshop while Day2 and Day3 recorded 25 Participants.

To access full papers and lecture materials during the International Conference and Workshop kindly request or contact westafricaysa@gmail.com or check our website: [www. waysas.org](http://www.wayasas.org) for detailed information.

Links to Media Publications during WAYSA International Conference and Workshop:

1. Insecurity: Address influx of illegal migrants to halt killings, kidnappings – Statisticians tell Buhari

<https://dailypost.ng/2021/06/16/insecurity-address-influx-of-illegal-migrants-to-halt-killings-kidnappings-statisticians-tell-buhari/>

2. <https://www.vanguardngr.com/2021/06/expert-advocates-use-of-data-synchronisation-for-national-devt/>
3. <https://megaiconmagazine.com/it-is-worrisome-that-africans-are-lagging-behind-in-catching-up-with-big-data-handling-techniques-waysa-president-laments/>
4. <https://cityhillnews.com.ng/young-statisticians-wa-present-exemplary-awards-to-oyo-speaker-ogundoyin-babajide/>

News Report :

5. <https://goalpoachernews.com/prof-sangodoyin-others-advocate-data-synchronization-for-national-development/>
6. <https://www.primestarnews.com/photos-ex-vc-defends-actions-in-office-at-west-african-young-statisticians-conference/>
7. "Adequate Data Synchronisation Will Help In Nation Building – Prof. Sangodoyin – Independent Newspaper Nigeria" <https://independent.ng/adequate-data-synchronisation-will-help-in-nation-building-prof-sangodoyin/>
8. Data Synchronization Will Help In Nation Building - Prof. Sangodoyin <https://swindependentnews.com.ng/data-synchronization-will-help-in-nation-building-prof-sangodoyin/>
9. Prof Dahud Sangodoyin, Others advocate Data Synchronization for National Development <https://thevoicesnews.com/prof-dahud-sangodoyin-others-advocate-data-synchronization-for-national-development/>
10. Sangodoyin, experts, advocate data Synchronization for nat'l development <https://corenews.ng/news/3625/>
11. Prof Sangodoyin, Others Advocate Data Synchronization For National Development - <https://goalpoachernews.com/prof-sangodoyin-others-advocate-data-synchronization-for-national-development/Data-Synchronization-Will-Help-In-Nation-Building-Profr-Sangodoyin/>
12. Prof. Sangodoyin, Others Advocate Data Synchronization For National Development <https://newsbreakng.com/prof-sangodoyin-others-advocate-data-synchronization-for-national-development/>

Television Report:

13. <https://www.youtube.com/watch?v=ZpAk6WmQZ8M&feature=youtu.be>