



# IUFMP News

...say no to flood!

A QUARTERLY NEWSLETTER OF THE  
IBADAN URBAN FLOOD MANAGEMENT PROJECT (IUFMP)

## YEAR 2021 DREDGING ACTIVITY: WHAT THE PEOPLE SAY



July  
- September  
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## ● CONTENTS

2

### BRIEF ON IBADAN URBAN FLOOD MANAGEMENT PROJECT

3

### FROM THE PROJECT COORDINATOR'S DESK

4

### OPENER (YEAR 2021 DREDGING AS ICING ON THE CAKE)

6-13

### YEAR 2021 DREDGING ACTIVITY: WHAT THE PEOPLE SAY

4

### UAV TRAINING FOR PIU AND MDAS

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IUFMR NEWS...is a quarterly publication of the IBADAN URBAN FLOOD MANAGEMENT PROJECT (IUFMP)

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### BRIEF ON IBADAN URBAN FLOOD MANAGEMENT PROJECT

The Ibadan Urban Flood Management Project (IUFMP) was set up by the Oyo State Government, with the funding support of the World Bank, in response to the devastating flood of 26<sup>th</sup> August, 2011 which claimed about 120 lives and destroyed properties valued at tens of billions of Naira.

This initiative of the Oyo State Government was borne out of the fact that Ibadan has witnessed several disastrous flooding incidents since 1933, with successive governments engaging in measures which turned out to be more palliative than curative. It was in view of this that the IUFMP mandate was aimed at providing fundamental and far-reaching solutions to the perennial and incessant flooding that has become characteristic of Ibadan.

With its broad-based Project Development Objectives couched as "**to improve the capacity of Oyo State to effectively manage flood risk in the city of Ibadan,**" the IUFMP mandate covers primarily, reconstruction of hydraulic devices (bridges, culverts, etc) that were destroyed by the 2011 flood incident, as well as a number of related issues which impact adversely on the predisposition of Ibadan to flooding. Such issues include the need to design a workable Solid Waste Management Masterplan, the imperative of a Flood Risk Management and Drainage Masterplan, and the essentiality of a comprehensive Ibadan City Masterplan. Also embedded in the Project design is a Flood Forecast and Early Warning System which is meant to make available to the residents the requisite resources to have prior awareness of possible flooding disasters and take the necessary precautionary measures. All of these are geared towards relieving Ibadan of the menace of incessant flooding and upgrading the city to its deserved status of a 21<sup>st</sup> Century mega city.

Therein lies the mandate of the IUFMP; and it is gratifying that the task is already being faithfully accomplished.





## FROM THE PROJECT COORDINATOR'S *Desk*

Firstly, I will like to sincerely thank the Oyo State Government for deeming me fit for appointment as the substantive Project Coordinator of the Ibadan Urban Flood Management Project (IUFMP), pursuant to a keenly contested recruitment exercise for the position. Given the quality of candidates that jostled for the role and the caliber of the panelists engaged for the layers of the selection and interview process, it is no mean feat that one was considered the most suitable among others for the role of leading the Project in its next implementation phase. For this and the backings I have been receiving since assumption of office, and even while serving in an acting capacity, I am particularly grateful to His Excellency the Executive Governor of Oyo State, Engr. Seyi Makinde FNSE, as well as all the members of the Project Steering Committee of IUFMP.

In the words of David Lawrence Ramsey III, an American personal finance personality, radio show host, author, and businessman, "Work is doing it. Discipline is doing it every day. Diligence is doing it well every day." This is one creed that my appointment has engendered in the Project Implementation Unit (PIU), as our team of specialists and consultants have recommitted to the ideals of diligence and excellence, more so at this critical phase of the project implementation course. There is renewed passion, verve and drive among the PIU members to deliver the

***"Work is doing it. Discipline is doing it every day. Diligence is doing it well every day."***

project against all odds. Getting down to brass tacks, this edition of your ever juicy IUFMP News presents a highlight of the IUFMP Year 2021 Dredging Activities in communities and localities within the Ibadan megalopolis, cutting across the city's eleven local government areas (LGAs). Dredging of rivers and streams, which has become an annual task of IUFMP, is one of the non-structural activities of the project, embarked upon essentially to prevent flash floods in flood-prone neighbourhoods of the city. Among other benefits, it offers immediate and temporary relief to the Project's diverse stakeholders, while the long-term and sustainable flood control interventions are being put in place.

Regular readers of IUFMP News

will readily bear me out that our narratives are usually, largely from the standpoint of the community beneficiaries, because we understand the fact that IUFMP, being a development project, was essentially designed to impact people's lives. This edition too has not departed from that norm, as we went to town for a physical assessment of the dredging works and sounded out residents on how the interventions have affected them vis-à-vis their previous experiences. These beneficiary feedbacks are presented firsthand alongside the pictorial evidence of some of the dredged rivers and streams. You can also access all this information on the Project's social media platforms, especially on Facebook and Twitter (see our handles on the back page). Likewise, other activities of the Project within the third quarter of Year 2021 are captured in this edition of the newsletter. Do have a delightful taste of it!



**Engr. J. Olasunkanmi Sokeye**  
Project Coordinator

# Year 2021 Dredging As Icing on the Cake

By now, most stakeholders and followers of the Ibadan Urban Flood Management Project (IUFMP) would have realized that the project was designed to be a comprehensive flood risk mitigation intervention in the perennial flooding situation that had become characteristic of Ibadan over the years. Its components are broadly classified into structural and non-structural measures. While the former includes dam rehabilitation, construction or reconstruction of bridges, culverts, dikes as well as channelization of rivers, the scope of the latter comprises development of strategic masterplans, development of a tailor-made flood forecasting and early warning service, dredging of rivers and streams, among others.

In the course of the Project's seven years of operations, so much has been achieved on both major dimensions. For instance, on the structural plane, the first set of sites tagged the Four Priority Sites have been delivered and are already providing relief to the hitherto flood-ravaged communities harbouring them. Ditto for the Thirteen Priority Sites that soon followed and have been unanimously applauded by the host communities and other users of the structures. Even the now 79-year-old Eleyele Dam has been rehabilitated and upgraded for optimal function. More sub-projects are also presently in the works along this line.

The non-structural measures have equally not suffered any loss in terms of implementation. It is even instructive to state that the first sets of interventions on IUFMP were essentially non-structural, as it was rightly decided that the strategic masterplans needed to be developed, so that the findings from them would help beam

the searchlight on the scope, volume and velocity of the requisite interventions to make Ibadan resilient to flood disaster. This has paid off handsomely as Ibadan City now has two strategic masterplans: the Ibadan City Masterplan and the Ibadan Integrated Flood Risk Management & Drainage Masterplan, both of which have made long-term provisions for urban planning and drainage management extending into around Year 2036.

The Flood Forecasting and Early Warning Service is also at an advanced stage of development and will be delivered before June 2022. This will afford residents of flood-prone areas in the designated corridors to have prior information about impending flooding, so that they can be prepared and take necessary precautions.

In this edition of IUFMP NEWS, the non-structural measure we are focusing on is the Dredging Activity, particularly the ones done during the Year 2021 rainy season. Hence, our cover story has been captioned as "**Year 2021 Dredging Activity: What the People Say.**" Why is it so called? What is so special about dredging that makes it the icing on the cake, in spite of the many gargantuan flood-control projects enumerated above? These and many more are the questions we will shed light on in this edition of IUFMP NEWS.

## Why Dredging in IUFMP Interventions?

A major difference between IUFMP and similar responses to past flood events lies in its comprehensive and multi-dimensional outlook. In other words, while much of past responses were at best palliative and short-term in nature, IUFMP was designed to offer long-term,

sustainable solutions that would provide a lasting panacea to the longstanding problem of flooding in the city.

What the foregoing paragraph implied was that dredging of rivers and streams and clearing of drains might not have originally been envisaged in the IUFMP design. However, “**the need for flexibility based on learnings during project implementation**” is a vital ingredient of the Project Implementation Manual (PIM) and Project Appraisal Document (PAD), and this has been ingrained in the project execution all along. In other words, while the Project was aimed at developing a long-term flood risk management framework, its design also has provisions for enough flexibility “**to make changes based on learnings.**” Therein lies the window that brought in dredging of rivers and streams as well as clearing of blocked drains.

Dredging of rivers and streams was first triggered in the Year 2016 as a fallout of the need to prevent the prediction by weather specialists that there was high likelihood of the occurrence of serious flooding in the city of Ibadan and environs during the year. To guard against this, the Oyo State Government, the Project Implementation Unit (PIU) and the World Bank resolved to embark on dredging as a palliative or short-term measure, in order to enhance the discharge capacity of the rivers and streams that crisscross Ibadan metropolis. Thus, working with the Oyo State Ministry of Environment, which has the primary mandate for dredging of rivers, IUFMP dredged a total of sixteen (16) rivers/streams, covering a cumulative length of **23,728 meters.** Thus began the process of dredging rivers and streams on an annual basis within and around Ibadan City.

#### **From 2016 to Date**

Anyone familiar with the Ibadan topography will agree that most rivers and streams within and around the city have become part of the ecological setting of the people, in that they (the rivers and streams) serve many purposes to the people. The flipside of this is that, most of the rivers get easily sedimented and clogged, thus constricting their capacity for discharge of run-

offs. Besides, the high rate of urbanization also increases the volume of run-off into the water channels. Thus, it is expedient to ensure the river channels are rid of debris, and trained to avert their overflowing their banks and unleashing disasters on the populace.

Thus, the Project has kept faith with the various communities making up Ibadan on dredging of rivers and streams since 2016. Building on the success of 2016, some thirty-six (36) other river channels were shortlisted in 2017 from the pool of requests submitted by residents of flood-prone communities, resulting in dredging of another **70,882 meters** of river channel.

Year 2018 was no exception, as a cumulative length of **184,652.06 meters** was covered on a total of sixty-seven (67) river channels and drains which were either dredged or cleared. Specifically, thirty-two (32) rivers/streams and thirty-five (35) blocked drains were touched in that year's exercise.

**“the need for flexibility based on learnings during project implementation is a vital ingredient of the PIM and the PAD”**

The dredging exercise for Year 2019 was eventually carried out in Year 2020, with a total of thirty-two (32) locations impacted and a cumulative length of **60,150 meters** dredged. Twenty-nine (29) of the locations were rivers/streams, while three (3) were blocked drains.

In essence, between 2016 and 2020, a cumulative length of **339,412.06 meters** of river/stream channels and blocked drains had been dredged/cleared within and around Ibadan metropolis. And with an additional length of **90,150 meters** delivered in the Year 2021 edition of the exercise, the total covered space has notched up to **429,562.06 meters** or **429.56 kilometers.**

# YEAR 2021 DREDGING ACTIVITY: *what the people say*

The city of Ibadan has a very fascinating topography. In his write-up, "Ibadan: A City Where the Past Lives with the Present," Goke Adekunle (2018) describes Ibadan as "a magnificent city with a natural setting so puzzling and beautiful that it looks like a set from the 1800s." Adekunle seems to be corroborating the submission of Prof. John Pepper Clark in his short but punchy poem titled "Ibadan" written in 1965, which goes thus:

**"Ibadan, running splash of rust  
and gold-flung and scattered  
among seven hills like broken  
china in the sun."**

The bit about the "seven hills" underscores the undulating landscape of Ibadan whose panoramic view is always a fascinating sight to behold. Traversing these hilly terrains and lowlands are an array of rivers, streams, rivulets, brooks, etc. which intersperse the vast expanse of residential, commercial and industrial areas making up Ibadan metropolis. These include some major, North-South flowing rivers like Ona, Ogbere, Ogunpa and Omi, as well as a number of tributaries such as Kudeti, Alaro, Agodi, Gbekuba, Alafara, etc. within the city-center, and countless others on the fringes of the city.

While the existence of this highly connected network of water channels helps to make for a well-drained city, the backlash lies in the frequency of the channels getting clogged with refuse and debris largely dumped by residents, especially in the densely populated

parts of the metropolis. And this has been identified as a major causative factor for the longstanding flooding menace in Ibadan. Other related causes include erecting structures on waterways, deforestation, arbitrary land use pattern, among others. These all have been factored into the design of the Ibadan Urban Flood Management Project (IUFMP) either for implementation during the life of the project or as part of the strategic masterplans whose implementation extends to circa Year 2036.

Quite early in the life of IUFMP, the need to add dredging of rivers and streams as a necessary complement to the medium/long-term interventions was identified. The first dredging activity under the auspices of the project was done in 2016, and the activity has been sustained since.

In this year 2021, a total of forty-five (45) rivers and streams were selected for dredging from the pool of requests sent in by various communities. The selection was based on a critical assessment of the cases by the relevant professionals, using the parameters of severity of cases, beneficiary impacts, etc. It is instructive to note that the Oyo State Ministry of Environment and Natural Resources played a key role in selecting the locations, in its capacity as the government agency that has the primary mandate for river dredging in the State.

The dredging exercise covers the entirety of the eleven (11) local government areas within Ibadan metropolis, as can be gleaned from the table below cataloguing the dredged sites:

S/N	LOCATION / SITE DESCRIPTION	LOCAL GOVT. AREA
1	Dredging of Odejayi – Osajin Stream, Apete, Ibadan.	Ido LGA
2	Dredging of Adeosun Stream, Life-Forte Area, Apete, Ibadan.	Ido LGA
3	Dredging of Gbekuba Stream, NIHORT Area, Ibadan.	Ido LGA
4	Dredging of Peku Stream, NIHORT Area, Ibadan.	Ido / Ibadan SW LGA
5	Dredging of Lasokun Stream, Ibadan.	Ido / Ibadan SW LGAs
6	Dredging of Regent Estate Phase II, Atere Area, Ibadan.	Oluyole LGA
7	Dredging of Olorunteko Stream, Akuru Eleta Area, Ibadan.	Oluyole LGA
8	Desilting of Ona River downstream Ologuneru Bridge including re-profiling the river bed level.	Ido LGA
9	Dredging of Aba Panu Stream, off Ologuneru Area, Ibadan.	Ido LGA
10	Dredging of Igi-Sogba Omi Adio River, Ibadan.	Ido LGA
11	Dredging of Bode-Igbo Stream, Ibadan.	Ido LGA

LOT TWO		
S/N	LOCATION / SITE DESCRIPTION	LOCAL GOVT. AREA
1	Dredging of Ikolaba Stream, Ibadan.	Ibadan North LGA
2	Dredging of Oluyoro Oke-Ofa Stream, Catholic Hospital Area, Ibadan.	Ibadan North LGA
3	Dredging of Renascent High School Stream, Ibadan.	Ibadan North LGA
4	Dredging of Emu-Alaja Stream, Bank Olodo Area, Ibadan.	Lagelu LGA
5	Dredging of Olukunle Stream, Olodo Area, Ibadan.	Lagelu LGA
6	Dredging of Okoseru Stream, Lalupon Area, Ibadan.	Lagelu LGA
7	Dredging of Ajelende Stream, Lalupon Area, Ibadan.	Lagelu LGA
8	Dredging of Sodo Stream, Lalupon Area, Ibadan.	Lagelu LGA
9	Dredging of Akitiko Stream, Oke'badan Estate Area, Ibadan.	Lagelu LGA
10	Dredging of Omolayo Stream, Akobo Area, Ibadan.	Lagelu LGA
11	Dredging of Liberty Estate Stream, Olorunda-Aba, Akobo Area, Ibadan.	Lagelu / Akinyele LGAs

LOT THREE		
S/N	LOCATION / SITE DESCRIPTION	LOCAL GOVT. AREA
1	Dredging of Alarere Stream, Ibadan.	Egbeda LGA
2	Dredging of Ebenezery Tributary Stream, Ibadan.	Egbeda LGA
3	Dredging of Ebenezery Main River Phase II, Alakia Olosan, Ibadan.	Egbeda LGA
4	Dredging of Moleke Agudu Stream, Ibadan.	Egbeda LGA
5	Dredging of Egberi River Phase II, Ibadan.	Egbeda LGA
6	Dredging of Bolajoko Stream, Akobo Area, Ibadan.	Akinyele LGA
7	Dredging of Onikain-kain Stream, Moniya, Ibadan.	Akinyele LGA
8	Dredging of Apon Stream, Moniya, Ibadan.	Akinyele LGA
9	Dredging of Holiness Stream, Ojoo Arulogun Area, Ibadan.	Akinyele LGA
10	Dredging of Goodness Stream, Ojoo, Ibadan.	Akinyele LGA
11	Dredging of Ajobo Stream, Ibadan.	Akinyele LGA

LOT FOUR		
S/N	LOCATION / SITE DESCRIPTION	LOCAL GOVT. AREA
1	Dredging of Subulade Stream, Liberty Road Area, Ibadan.	Ibadan SW LGA
2	Dredging of Irepo Stream, Felele Challenge Area, Ibadan.	Ibadan SE / SW LGAs
3	Dredging of Odeku Stream, Oleyo Area, Ibadan.	Oluyole / Ibadan SW LGAs
4	Dredging of Glory Estate, New Garage Area, Ibadan.	Oluyole / Ibadan SW LGAs
5	Dredging of Aba Alamu/Aladie Stream, Sharp Corner Area, Ibadan.	Ibadan SW LGA
6	Clearing of blocked channel along Liberty/Ring Road, Ibadan.	Ibadan SW LGA
7	Dredging of Abimbola Stream, Onireke, near Pensioners House, Ibadan.	Ibadan NW LGA
8	Dredging of Gbose Ogunremi Stream, off Akanran Road, Ibadan.	Ona-Ara LGA
9	Clearing of Silted and Blocked Drain along Glory Tabernacle – Mount Olivet High School, Ashi, Ibadan.	Ibadan North LGA
10	Dredging of Isale Aba Egba, Alagbaa Foworogun Area, Ibadan.	Oluyole / Ona-Ara LGAs
11	Clearing of Silted and Blocked Drain along Lagelu Shopping Complex, Iwo Road Area, Ibadan	Egbeda / Ibadan NE LGA
12	Dredging of Kulodi Stream, off Oluwo Area, Ajoda New Town, Ibadan.	Egbeda LGA

**A**s could be deduced from the above table, the dredging works were packaged into four (4) lots, advertised as such, and contractors were engaged through a competitive bidding process. In the same vein, competent supervising engineers were also enlisted to provide oversight on the jobs with a view to ensuring the execution was carried out to specifications. The exercise was executed within a period of six (6) weeks, and certified to have been satisfactorily done, both by the team of supervising engineers and the assigned MDA engineers from the Oyo State Ministry of Environment and Natural Resources as well as the relevant PIU personnel.

However, as is the practice on all IUFMP interventions, the ultimate assessment on any works lies with the direct beneficiaries, which in this case are the residents of the communities where the dredging activities took place. Hence, IUFMP News visited a cross-section of the communities, both to take pictorial/video recordings of the dredged rivers/streams and sound out the community beneficiaries on the pre- and post-dredging experiences. Some of the feedbacks from across the communities are presented verbatim below:

*"This stream is called Alafara. By the time I moved here, this stream was very, very narrow. It was later when people were building on the left and right that it started widening. As for this recent clearing and dredging [of the stream], I'd planned to write the Governor [of Oyo State] to thank him, because I'd suffered a number of times when the river course was narrow. Anytime we had heavy rains, my fence usually collapsed, about two or three times. But now, like other landlords along this place and the river valley, we are now happy that the water can flow without any hindrance."*

**Pa Agbo Areo, a community leader at NIHORT Area Ibadan commending the quality of work done on dredging of Lasokun**



*Before the stream was dredged, it used to get heavily flooded anytime it rained. It was even the flood that washed off the tarred road. Even pedestrians were hindered from crossing it, leading to many getting stranded and being unable to reach their homes. All our shops here used to get water-logged, thus causing us untold suffering.*

*But now that it has been dredged, the stream cannot overtop the culvert again. The channel has been widened and all the debris underneath the culvert have been cleared.*

**Mrs. Aderinto Nike  
Shop owner at Aba Alamu/Aladie Sharp Corner Area, Ibadan**





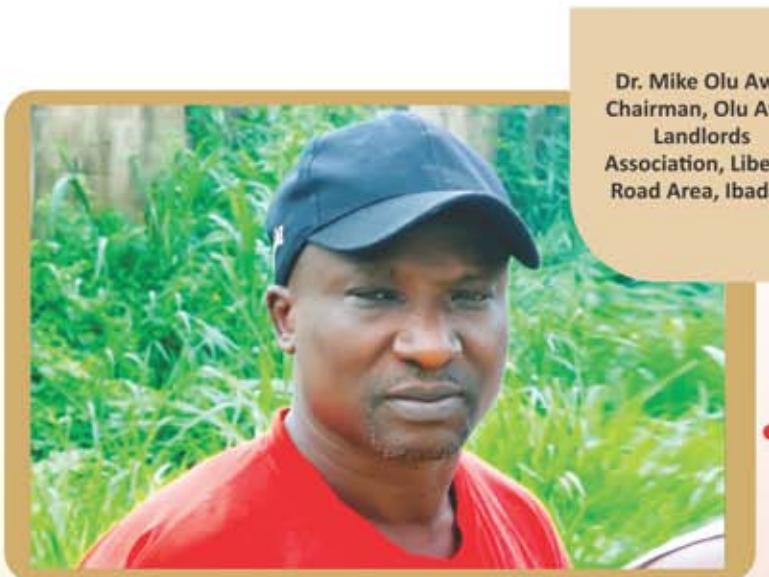
Mr. Paul Ajani  
Youth Leader at Aba  
Alamu/Aladie Sharp  
Corner Area,  
Ibadan.

People should stop the bad habit of dumping waste into the river channels. That's why we are experiencing flood disasters. The massive volume of debris that was carted out of this stream and underneath the culvert was unbelievable! The Government should also set up a task force to arrest defaulters. That way, flood water will be able to flow freely without any obstruction.



Pastor James  
Adeyokunnu  
Secretary, Subulade  
Community, Liberty  
Road Area, Ibadan

This stream comes from a long way upstream and stretches beyond this community, all the way down. Flooding here had always been a hectic experience in this area, most especially for houses on the bank of the river; there was no time we had heavy rains that we would not experience flooding. After the dredging, it has been a very good experience and good turnaround from what it used to be. After the dredging, a couple of heavy rains have fallen, and they were the types that used to cause flooding in the past, but this time around, we have a respite. The process through which this stream was shortlisted for dredging was that: we [the community] wrote a letter to the authorities, followed it up, and here we are today [with the positive result]. All we have to say is a very big Thank You to the Oyo State Government and IUFMP for a job well done.



Dr. Mike Olu Awe  
Chairman, Olu Awe  
Landlords  
Association, Liberty  
Road Area, Ibadan

I have been in this area since around 1979. Over the years, we have experienced lots of flooding here. Now that this dredging has been carried out, we have some relief. It used to be so bad that this bridge [culvert] would be overtapped, in fact, overwhelmed that one could hardly see the bridge structures; which meant that vehicular movement would be cut off, surrounding houses would be vacated. We give kudos to the Oyo State Government and the IUFMP officials for the work.

*We are grateful today to see that the job of evacuation of debris and dredging of this stream has been done, the dredging process is quite laudable, and they did a fantastic job. We are just grateful to the Oyo State Government and other stakeholders. We are really grateful.*

*And let me sound this note of caution. People dumping refuse into the stream and water channels is a very bad habit. Here at Subulade Joyce B Area, we have people passing through here in big, luxurious cars, while moving, will suddenly park, open their boots and drop stuffs inside the stream. Sometimes we accost them and talk to them. You wouldn't expect such from learned fellows, but then, they'll start speaking grammar. My Chairman here (Dr. Mike Olu Awe) has been doing a fantastic job. We've been appealing to people and trying to educate them; all they say to us is, it's the Government, there's nothing they can do because there are no refuse collectors here, and all that. That shouldn't be an excuse for us to dump wastes in the river. I'm using this opportunity to appeal to them that they should desist from it. This is basically what is causing flooding at the Mobil Market (along Ring Road) because all this refuse are being carried by flood water to the Mobil Market and block the culvert there, resulting in flooding of houses. The Government is doing a great job, but all we can do as residents and community dwellers is to cooperate with them. I hope we would turn a new leaf.*

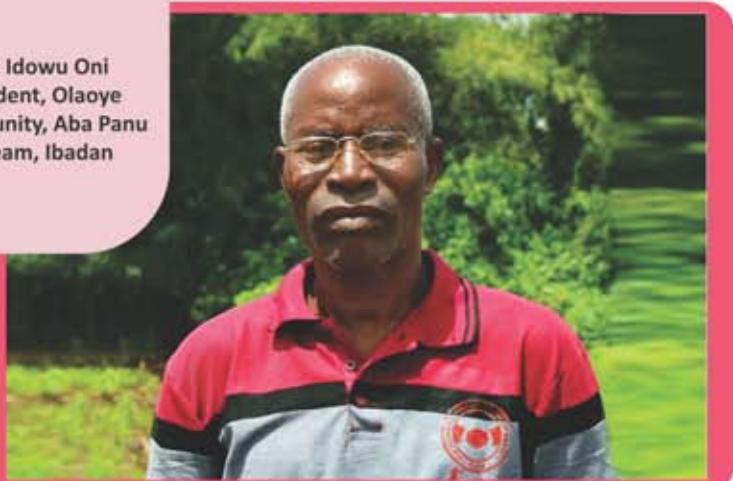
*This stream has been here for a long time, but wasn't as big as this before – in fact, it was a very narrow stream. But as more people are moving into the community, it keeps expanding to what we have today. Our experience of flooding had been too bad! Anytime it happened, no vehicle could cross the culvert. Some of the residents who had vehicles had to pack them outside and trek into the community. The dredging of the stream has helped to a large extent, because but for the dredging, nobody would be able to pass this place by now. As a community, we didn't know anybody nor bribed any official before our area was chosen for this dredging exercise. They did a good job, as they dredged the stream from here [where we stood] down to the other side. The government really tried for us and we appreciate them for this one.*

*This intervention is certainly to make life and living more comfortable for us in this community. We have been clamouring and applying for the dredging of this stream since when I was the Chairman of this community, but we thank God that it has eventually been granted and approved. This stream is the borderline between Aba Panu (which is my own side) and the other side called Olaoye; so, without this stream being put under check, residents can't cross from Aba Panu to Olaoye. Therefore, we are grateful to the Oyo State Government for this intervention to check flooding in our area. We warmly welcomed the contractor's team, and we also commend the quality of work done.*

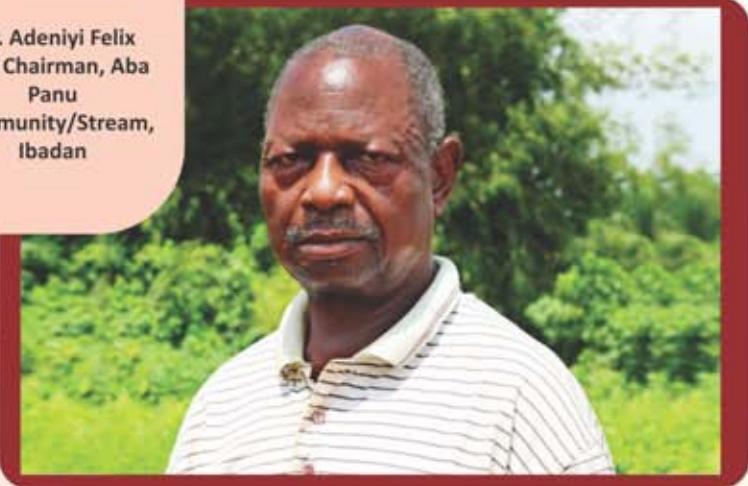
**Mrs. Omobimpe  
Okunola  
Private School  
Proprietress, Olu Awe  
Street, Liberty Road  
Area, Ibadan**

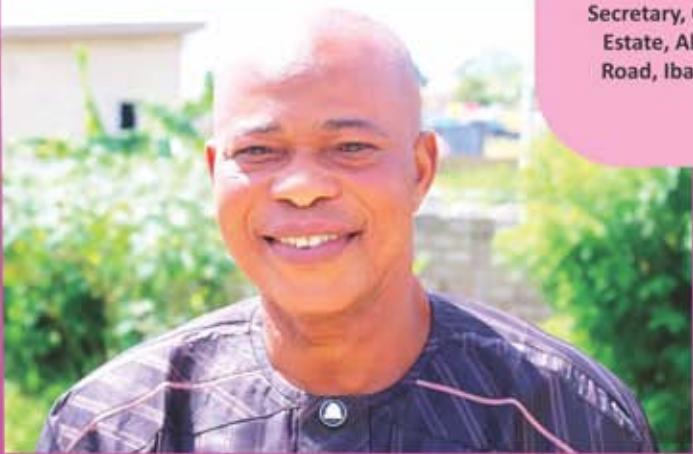


**Mr. Idowu Oni  
Resident, Olaoye  
Community, Aba Panu  
Stream, Ibadan**



**Mr. Adeniyi Felix  
Past Chairman, Aba  
Panu  
Community/Stream,  
Ibadan**





Mr. Peter  
Oluseye Ogun  
Secretary, Glory  
Estate, Akala  
Road, Ibadan



*I want to use this opportunity to thank the Oyo State Government for what they have done for us, in alleviating our problem concerning flood in this area. We wrote a letter [of appeal] and they answered us; they brought their equipment and dredged this stream at my back. That helped us to prevent flood in this area this year. It had been a recurrent thing over the years that water would overflow the stream's banks. But this year, because of this rescue work [of dredging] done by the Ibadan Urban Flood Management Project, we were spared the annual experience. They dredged the river and expanded the channel to create enough room for the water to flow easily. On behalf of the Glory Residents Association, I want to say again that we are very grateful. We are looking forward to this being done every year, so as to rest assured that there won't be problem of flooding in this area again. Thank you very much!*



Rev. Ayokunle O.  
Egbesanmi  
Resident, Moleke  
Area, off New Ife



*This thing [dredging of the Moleke Agudu Stream] wasn't like this before. The effort of whoever planned this dredging has really paid off. We can breathe fresh air. I'm not trying to flatter you people. With the 3 successive rains that fell in the last 2, 3 or 4 weeks, if this dredging had not been done, this community would have experienced a serious [flooding] problem. That's a matter of fact! Because I came out to see how heavy the torrential downpours were. With the intensity and rush of the flow, if the stream channel had not been widened, it would have been a different story entirely. We thank the Government and all other stakeholders who have put this thing together for us. I'm not easily moved by things, but by my calling as an ordained minister of God, when something laudable has been done, we should commend it. Our entire community really appreciates that fact. It is one thing to do something, it is another thing to do it to time. You did it at the right time; and it paid off. We really appreciate this work; it's a very good one. Sometime back, there was a time I had to rush to the community because I perceived it was going to rain heavily. That day, I was the only one who escaped to this side. By the time the whole community arrived, we had to tie rope and put some things here. I stayed in this stream for almost one-and-a-half hours, passing children off our shoulders from one side to the other, as we lined up in the stream. We thank God and really appreciate the Oyo State Government under our Governor, Engr. Seyi Makinde*



*The newly dredged Odejaiyi - Osajin Stream, Apete, Ido LGA, Ibadan*

*My experience of flooding here was that, anytime this stream was in full swing, it flooded everywhere in this area, including homes, places of worship, everywhere! But now that it has been dredged, I for one can testify to the effectiveness of the dredging, because I stepped outside to see the flow during heavy downpours. The dredging of the stream allows ample room for the water to flow through the channel without constriction. Except for this culvert that is inadequate for the flow, the dredging was very well done. We thank God for our Governor, Engr. Seyi Makinde for coming to our aid, and we pray that God should grant him a long life, and bless him indeed, alongside all his Cabinet members and all categories of government officials.*

Prophet  
Olatunde Crown  
Shepherd i/c,  
CCC, Beulah



*We met this river here. Over the years, we have encountered much trouble in this area on account of flooding, including damage to property such as livestock and personal effects. But there has been a remarkable change since the Oyo State Government took the bold step of dredging the river. Before then, all of us – landlords, landladies, residents – once the rainy season came, we were usually in great anxiety about the safety of lives and property. Then, we were at the mercy of constant flooding. The reason for this is that this area is like a watershed, which means that torrents of waters spring to the area during the rainy season. The water gushes through this area, causing houses, farmlands and all other structures to be heavily flooded. To us, what the Government did with this dredging was like a "miracle", because the kind of equipment they brought to do it, there is no way we the residents could have been able to afford it through self-help. We do not know any influential person or politician; it was through the pragmatic steps of the Oyo State Government that our area was picked for this intervention. Since the dredging was done, safety and peace have returned to our area. The menace of flooding has become history in this area for now. In order to preserve the work done, we the community people too have our own roles to play. We should heed the advice to avoid dumping wastes into the river channels. We should also realize that building on the waterways is a dangerous thing. The Government is doing its best; let's play our own part too. We pray for more of God's grace upon the Government, and wisdom to continue to lead us aright.*

Pa Michael Ajagbe  
Resident, Alafia-Oluwatedo Estate,  
Ajobo Stream,  
Ibadan



*The newly dredged Ikolaba Stream, Ibadan North LGA*



Mrs. Aduloju  
A house owner at  
Ogungbade  
Community (Egberi  
River)



*I am a house owner in this community, and my house is near the river (i.e. Omi and Egberi Rivers). We want to appreciate the Oyo State Government for promptly coming to our aid in response to our desperate cry for help on the menace of flooding that this river exposes our community to. For the past 9 years that I have moved in to this area, it is only this year that I didn't have to go and hibernate somewhere during the rainy season. All the past years, I would have to go and look for a temporary accommodation either with a relation or in a hotel during the periods of heavy downpours. Reason was that this place would be so flooded that I would have to run to other places to stay to avoid being washed away by the flood waters. With the dredging works done here, I can boldly say it's only this year that my house has not been flooded and I can sleep soundly when rain falls. I want to use this opportunity to appeal to our people to stop the indiscriminate dumping of refuse in rivers, stream and channels. They should patronize government-approved waste disposal contractors to dispose their waste.*



Pa Ojo Alare  
A Landlord at  
Ogungbade Area  
(Egberi River)



*I have been living in this community since 2004. We started experiencing flooding in this area about four years ago. When rain fell we were always afraid because the river would be flooded, with flood water entering our homes and destroying our fences. Some people even had to move out of their homes to avoid being swept off by the flood! We then sent an appeal to the Oyo State Government to assist us in dredging the river. This was done and we are very appreciative of the work done, because it has helped in ensuring flooding becomes a thing of the past in our community.*



*The Project Coordinator of IUFMP, Engr. Olasunkanmi Sokeye, explaining details of the 2021 dredging activities to the media after a progress monitoring visit to the dredged sites.*

# IUFMP Trains Staff, MOAs on UAV -Based M & E

In continuous fulfilment of its mandate as regards supporting capacity building for flood risk management in Ibadan and Oyo State, the Ibadan Urban Flood Management Project (IUFMP) has conducted a specialized training on Unmanned Aerial Vehicle (UAV)-based Monitoring and Evaluation (M & E). Trainings like this have been a core thrust of IUFMP implementation, based on the imperative of improving the skills of Oyo State Government officials and other relevant stakeholders to manage flood risk



knowledge to colleagues and other staff in the service.

It was to this end that the Project engaged, through a competitive bidding process, Messrs

across the months of October and November, 2021.

In everyday language, UAV is the use of mini-aircraft called drones to carry out site surveys, monitor



in Ibadan and other parts of the State, during and after the life of the Project.

Such trained personnel also become knowledge champions and change-agents in the mainstream Civil Service, as they will in turn pass the acquired

**Geomatics-Arpenture Joint Ventures**, a consultancy firm, to facilitate the UAV-based Monitoring & Evaluation training, as a tool for contemporary appraisal of flood control and flood damage assessment. The training was conducted for 12 days, spread

projects and provide real-time status of ongoing works in pictures and videos for decision-making by the relevant stakeholders in the project cycle.

Specifically, at the core of it was hands-on training for the Project Implementation Unit (PIU) staff

drawn from Safeguards, Engineering, and Monitoring & Evaluation units. Selected line Ministries, Departments and Agencies (MDAs) which were also identified as needing the skills to improve their service delivery in their day-to-day assignments include Oyo State Emergency Management Agency (OYSEMA), Ministry of Environment & Natural Resources, Ministry of Works, Transportation & Public Infrastructure, Ministry of Lands, Housing & Urban Development, Office of the Surveyor-General, Bureau of Statistics, as well as Ministry of Budget & Economic Planning.

Areas of proficiency in which the participants were trained included:

- *Fundamentals of UAV.*
- *Types of drones.*
- *How to fly a drone.*

the various aspects listed above and for them to be able to train others. The highpoint of the training was the practical sessions, which included field-based use of drones to plan flight before flying, piloting, imagery collection and processing as well as maintenance and upkeep of the UAV equipment. This was particularly thrilling to the participants because of the do-it-yourself approach adopted.

In the course of the training, the participants' proficiency was assessed through delivery of personal projects detailing every aspect of the capacity-building exercise. The consultancy firm offered close supervision to ensure that the participants acquire the requisite skills from the training exercise. At the end of the exercise, the participants were able to acquire skills on the

Olodo-Kumapayi-Kute-Jenriyin axis was taken as a test case, on account of the fact that communities along the axis experienced flooding on 1<sup>st</sup> July, 2020, which necessitated the visit of His Excellency, the Executive Governor of Oyo State, Engr. Seyi Makinde to the flood sites for an on-the-spot assessment. In view of the development, the training used this site as a case study for UAV navigation and terrain-mapping. In this connection, a 4-square kilometre area of Omi River tributary at the Kute – Olodo axis was navigated using drone to conduct flood damage assessment along the flood-prone areas of the axis.

At the end of the training, IUFMP and the participants from the MDAs were acquainted with relevant skills to use UAV otherwise known as Drone for



- *Drone image processing.*
- *Software for processing.*
- *Flood damage assessment, analysis, processing and storage.*

The dual expectations at the end of the training are to build a crop of staff who will be proficient in

entire methodologies for planning, tracking, and deployment of UAV for the purposes of image capture, mapping, data extraction, archiving and metadata preparations.

As part of the training process, the

image collection, processing, mapping, monitoring and capturing the status of project sites online real-time as well as conducting flood damage assessment at flood-prone areas.

# CAREFREE ATTITUDE TO REFUSE DISPOSAL IS DISASTROUS



## Make Ibadan Clean

LET'S JOIN HANDS TO STOP FLOODING IN IBADAN !!!



### IBADAN URBAN FLOOD MANAGEMENT PROJECT (IUFMP)

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