

Risk of Weed Damage to Lake Tana and Grand Renaissance Dam

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I. Let us know Lake Tana

Lake Tana is known that our country is replenished by natural resources (especially water, forest, soil) because of its convenient geography. It is also known as the East African water tower. Ethiopia has 12 catchments and the basin has 123 billion cubic meters of land per year and 30-40 billion cubic meters of groundwater. In addition, data show that the rainfall amounts to one trillion cubic meters. Lake Tana is one of the largest lakes in our country and is a national and global resource contributing to significant economic, social and ecological benefits. Lake Tana since 2007, has been designated by the UNESCO as "Biosphere Reserve" and is a regional, national and global resource for the livelihood of many communities. Lake Tana 3,672 sq km It is wide, 84 km north to south, and 66 km east to west. It is long. The average depth is 9 meters, and the maximum depth is 14 meters. The current Lake Tana River is estimated to produce 1,454 tonnes of fish annually. However, research indicates that this product is only about 15 percent of the lake's capacity to handle it safely.



The existence of the Lake Tana basin, which has taken the largest place in our country and originated in the Grand Ethiopian Renaissance Dam, has been repeatedly shown to be in serious danger. For these reasons, Lake Tana basins in the surrounding basin cover vegetation cover and erosion through the river basins, spread of weed vegetation, access to coastal waters, expansion of surrounding areas and proper environmental protection (habitat and habitat). Fuel dumping on the lake) are a series of overlapping problems that pose a serious threat to the lake. According to various studies, there are 41 rivers and 77 springs flowing from Lake Tana, in the northeast of the Goku Basin, and the northwestern basin of Lake Tana. According to data, the lake area has grown to 672 square kilometers, due to the sedimentation of Lake Tana and the size of the Lake Tana basin, which has a total area of 3,672 square kilometers. In other words, the lake portion of the lake, which includes the Lake Hawassa and Zawia, or an expansive Lake Tana, about 125,579 football fields, has been transformed into a lake.



The spider weed was first introduced in Lake Tana in 2004, at the entrance of the North Gondar Zone Dam in the Tigris and Drum rivers. Following this, the expansion process accelerated along the coastal waters of several municipalities around the lake. As a result, information on seawater up to 2,000 to 50,000 hectares is released at different times. The total area of the lake is 385 kilometers, of which the regular range is 27 kebeles. Which is about 190 km. It is the coast of the lake (Ayale, 2019).

Efforts to prevent the weeds are not achieving the expected results. Contrary to his efforts, the weeds are attacking not only Lake Tana, but also the Nile. The fall of the weed outside the Lake Tana basin will be a major threat to the Great Ethiopian Renaissance Dam which we are building.

The need for proper awareness of the Great Ethiopian Renaissance Dam, which is being built on Lake Tana and the Nile, should be taken seriously and the effort to remove the weed will be strengthened. It is doubtful that the Renaissance Dam could reach the dam in a short time through the Nile. Thus, the rapid erosion of the spider weed on Lake Tana would save the Renaissance Dam and the development of the lower basin.

The government, therefore, has carefully identified the problems of previously purchased machines with the appropriate accessories for the lake to be quickly bought into the workforce, as well as the necessary coronavirus protection precautions, in order to clean the weed in a short time. We recommend that it apply.

In addition, weed has been repeatedly reported in other lakes and dams of our country. Therefore, it is advisable that the weed control of these water bodies is immediately followed by the appropriate local authorities to prevent the weed control and follow-up before it is seriously damaged and out of control.

Where there is peace without Lake Tana

If there is no chance of making mistakes and correcting mistakes, then most things get worse if you stay at the "what?" Expanded! Instead of practicing a lamentation and wakefulness journey, relying on the old order of the day and tomorrow, it is important to leave behind yesterday and adjust the path of today.

It also requires you to skip and walk past your own blind frontiers!

I don't think we should live when we talk about yesterday's abuse. You need to live like today. Since we were stolen and sold yesterday, we are more careful today than we are. Stolen traders on the market will not stop going, But he does take care to keep him from dying a second time.

Leading by law and order, problems should be discussed and resolved until problems arise. It is particularly important to develop and develop a clear and consistent practice. Criticism and argumentation in the form of persuasive persuasion, persuasive reasoning, persuasive thinking, profitable and passive are all effective methods for anyone who wants to change.

We need to understand and know the facts before judging an action, and if we believe in it, listen to and exchange ideas, we can solve many of the problems in a country even beyond! We make fun of you!

Another point that should be noted is that the millions of dollars collected years ago are not relevant to us. We have the right to own and not exchange it. But we still strongly demand that the same body be used together for the intended purpose. Despite this, there is a lot of legal process and delays to getting into the job as quickly as we can with government-funded funds. On the contrary, the sprawling free-flowing canopy is a time-consuming foe, a constant enemy of control, as we wait a day. So we have to fight until the last hour, with all the options that we have to give up.

Let the government go its own way and let us do what we can as a citizen and government alongside the government! He will bruise the bite, It's better: Let's set up what we say, let us be the people: Let's discuss, help, not only address problems but also suggest solutions. Let the solution to all problems begin with us. Let's try and do something to the end.

Our only goal is to save Tana and Tana. Beyond this, any matter or agenda that does not address Tana will be rejected.

In the end, I don't think anyone has any desire or frustration to save Tana. Fill in the void that we think is missing. Let's correct each other! Let's fix it! Let's get out of the loop and fight! Anyone with an idea of "we don't have money problems" design and assist us with strategies and solutions.

With this contribution, we discuss a more sustainable and sustainable solution for a day's pay for one day's labor.

Of great importance are those of us who have a deep knowledge of the field of natural resources and botany and who have not had the opportunity. They help us a lot. We encourage them to come forward: Let's eat them.



II. Introduction

It is known that our country is replenished by natural resources (especially water, forest, soil) because of its convenient geography. It is also known as the East African water tower. Ethiopia has 12 catchments and the basin has 123 billion cubic meters of land per year and 30-40 billion cubic meters of groundwater. In addition, data show that the rainfall amounts to one trillion cubic meters.

The water resources of our country are also used for drinking water, large scale agricultural activities, livestock development, power generation, forestry jobs, tourism, etc. Based on our water resources, our country has a lot of low power for electricity generation, irrigation, and drinking water; It has built medium and high dams. She is also under construction. In total, Ethiopia currently has 12 hydropower stations; Large volumes of mega-watts of electricity are generated. However, most citizens still do not benefit from electricity. Industry could not expand due to lack of energy. The growing number of unemployed has reached alarming levels due to the inability to create job opportunities as needed due to lack of energy. On the 24th of March, 2013, the Benishangul Gumuz region on the Nile River has regained control of the country. The Great Ethiopian Renaissance Dam, which is under construction, has high hopes.

Industry cannot expand due to lack of energy. The growing number of unemployed in the country has reached a critical level due to the lack of capacity to create employment opportunities.



machine is about to be purchased from a European machine to prevent a crash - Prime Minister Abby
Prime Minister Abby Ahmed said the government is negotiating to buy a modern machine from Europe, as the previous attempts to remove the spider weed on Lake Tana failed. The Prime Minister said this when he was present at the House of People's Representatives today and answered questions raised by members of the House. The Prime Minister, however, said the plan is to strengthen environmental protection at high altitudes, including the Guna mountain range.

He said they are currently working on destroying weed and human resources, and announced that a budget of 300 million birr will be budgeted. Prime Minister Hailemariam said not only is Lake Tana's presence and absence but it is also a matter of life and concern.



III. Lake Tana

Lake Tana is one of the largest lakes in our country and is a national and global resource contributing to significant economic, social and ecological benefits. The lake is known for offering a wide range of services including tourist attraction, fisheries development, transportation, drinking water, irrigation, generating energy, the availability of biodiversity, etc.

Lake Tana since 2007, has been designated by the UNESCO as "Biosphere Reserve" and is a regional, national and global resource for the livelihood of many communities. Lake Tana 3,672 sq km It is wide, 84 km north to south, and 66 km east to west. It is long. The average depth is 9 meters, and the maximum depth is 14 meters. The current Lake Tana River is estimated to produce 1,454 tonnes of fish annually. However, research indicates that this product is only about 15 percent of the lake's capacity to handle it safely.

In the lakes and rivers of the lake, the biodiversity is abundant. There are over 28 species of fish in the lake, and 16 species are found in the lake alone. In addition, more than 3000 species of birds are known to be the most widely recognized source of biodiversity worldwide.



Huge Hazards on Lake Tana and efforts to prevent it

The existence of Lake Tana, which is the countries largest and the largest Renaissance Dam, has been repeatedly shown to be in serious danger. For these reasons, Lake Tana basins in the surrounding basin cover vegetation cover and erosion through the river basins, spread of weed vegetation, access to coastal waters, expansion of surrounding areas and proper environmental protection (habitat and habitat). Fuel dumping on the lake) are a series of overlapping problems that pose a serious threat to the lake. According to various studies, there are 41 rivers and 77 springs flowing from Lake Tana, in the northeast of the Gorku Basin, and the northwestern basin of Lake Tana.

"In other words, the lake, which adds up to Lake Hawassa and Zwazi, or the spacious Lake Tana, which has about 125,579 football fields, has been transformed into a landmark."



One of the 37 islands in Lake Tana is the island of Lake Kirkos. However, the island has become a history because of the delta flow of the Guyana River to the eastern part of the island due to the overflow of the eastern part of the island. Thus, the number of islands is 36. At the same time, the water body of the lake in front of the Gorgora river was so overcrowded that the ships traveling from the coast were unable to get close to the port and were forced to unload and disembark.

According to data, the lake area has grown to 672 square kilometers, due to the sedimentation of Lake Tana and the size of the Lake Tana basin, which has a total area of 3,672 square kilometers. In other words, the lake portion of the lake, which includes the Lake Hawassa and Zawia, or an expansive Lake Tana, about 125,579 football fields, has been transformed into a lake.

The problem of the erosion of the basins and the overflow of the lake

There have been several studies demonstrating the degradation of natural resources in the Tana basin. These studies show that the level of sediment that flows directly into the lake from rivers and other freshwater levels is above seven (7) tonnes per year (FAO, 1986). Lake Tana's net annual sedimentation capacity is 1,043,888 tonnes per annum, which calculates its sedimentation capacity by 49%. Accordingly, studies show that a total sediment accumulation of 869,907 cubic meters per year exists in the lake (Hannibal Le et al., 2015).

Hazardous chemicals and plastics directly enter the lake, and the pools, including small plastics, enter the lake, as the sewage system is connected to the lake and other cities along the lake. In this way it helps to absorb nutrients that can form green weeds on the water, such as phosphate and nitrate. This, in addition to creating a favorable environment for plumbing expansion, permanently disrupts the aquatic ecosystems of the aquarium, as well as the ecosystem of Lake Tana (Dejan et al., 2004).



The impact of the spread of weed on Lake Tana and other lakes

Information shows that the weed was introduced in our country in 1965. It is also known to be spreading along some lakes and rivers in Lake Tana and in the Rift Valley. In particular, Lake Tana is rapidly expanding, economically, socially and ecologically, etc. It is known to be harmed. Water hyacinth is a floating plant on the surface of water bodies and swamps. It reproduces itself by seed and fragment, with rapid growth (multiplied twice a week), from one plant to 450 seeds, and one plant can produce up to 5,000 seeds. Seeds can survive in the mud for 20-30 years. Living matter weighs 90-95% of the water (Lehmann, 2009). The splash controls the waterfront in a short time; Closes waterways, affects all activities on water; It pollutes the water, reduces the amount of air in the water, and destroys all living things in the water. The splinter completely affects the aquatic life.

The spider weed was first introduced in Lake Tana in 2004, at the entrance of the North Gondar Zone Dam in the Tigris and Drum rivers. Following this, the expansion process accelerated along the coastal waters of several municipalities around the lake. As a result, information on seawater up to 2,000 to 50,000 hectares is released at different times. The total area of the lake is 385 kilometers, of which the regular range is 27 kebeles. Which is about 190 km. It is the coast of the lake (Ayale, 2019).



Among the complications and disadvantages of pest weed are to reduce the biodiversity of the lake, decrease fisheries and productivity, disturb the farmers' production time, disrupt irrigation development, reduce tourism growth, interfere with water supply and water supply. , Water-borne pathogens, reduced agricultural production and productivity, increased evaporation of water in the lake, changing the lake's water to wetlands, farmers in Tasmania have difficulty watering their livestock, seeking regional development budgets, etc. They are (Leeneh 2009).

Experts say that the growth of pineapple plants (*Azolla pinnata*) and *Ipomoea purpurea* is continuing to pose a threat to the lake's safety, with increased concern for the lake's safety. Before these weeds develop like bullets, the proper propagation of the weeds must be done by carefully identifying the areas in which they are located.



Some efforts to prevent and control bugs

Various efforts are being made at the state and federal levels to prevent spider weed. To name a few, the municipalities around the lake conduct regular hand-cleaning activities in collaboration with farmers, civil servants, city residents and other members of the community. Efforts have been made to clear the weeds by importing and transporting the weed machines. Universities and research institutes are working on biological methods to count the weed, remove the weed, and apply it to various uses. Ethiopians living abroad are receiving budgetary support. The regional government has regularly created various regional organizations responsible for controlling the weed. There have been many discussion forums on solutions to the problems and problems of spider weed, various solutions, various reports on public methods, etc.

However, efforts to prevent the weeds are not achieving the desired results. Contrary to his efforts, the weeds are attacking not only Lake Tana, but also the Nile. The fall of the weed outside the Lake Tana basin will be a major threat to the Great Ethiopian Renaissance Dam which we are building.



IV. Forest and riparian conservation activities undertaken in our country and the Nile Basin

Every year, billions of seedlings are planted and campaigning is underway. In this regard, annual nursery and installation activities are undertaken by government, associations, individuals, government and

private organizations, intended to provide firewood and construction, food and fodder, urban beauty, and river conservation.

In addition, the annual soil and water conservation campaign activities are undertaken throughout the country in all parts of our country in the summer.

However, the soil and water conservation efforts that are planted with billions of seedlings or the thousands of hectares are not protected from the degradation and associated soil erosion caused by major social, economic and ecological damage. Instead, it is noted that the problems are widening. Some of the reasons cited for the failure of the national forestry and river conservation efforts are the failure of the relevant federal and regional government partners to report on the lack of actual land, and the participation of the people in the basin and river conservation efforts. Not being a research project, lack of access to farmers and pastoralists, lack of grazing problems, especially lack of co-ordinated work to reduce impacts on riparian development and conservation, lack of land ownership / land use system , Inter alia. They are the main ones.



4.1. Strengthening catchment development and conservation activities by developing sustainable and coordinated catchment development plans

As mentioned above, it has been repeatedly reported that forestry and soil and water conservation activities undertaken to maintain the basin each year have not produced any visible impact on the ground. We believe that these works are usually done solely in the form of a campaign, without accountability, are not sensitive to monitoring, do not guarantee the benefit of those involved in the campaign, etc. In addition to the risk of overflows in our lakes and dams, the fertile soil is being cleared from agricultural land, reduced productivity and high fertilizer costs.

Therefore, we say that the major basins of our country, especially the Nile Basin Government, should be undertaken with the utmost priority, in the formulation of a comprehensive basin development plan, allocation of budget and human resources, federal and regional institutions, forestry and soil and water conservation. The implementation of the plan should be monitored periodically and monitored.

The Nile Basin should be undertaken alongside the Great Ethiopian Renaissance Dam, which has a reliable soil and water conservation and forestry activities. However, our country's lower riparian countries have experienced over the past year that water catchments will be severely restricted during the next winter, when these dams are not properly maintained. For this work, we believe that it is important to involve the riparian countries by establishing an integrated basin development plan and leading them to an independent institution.



4.2. Design and implementation of a sustainable weed removal strategy

It has been repeatedly stated that the efforts to prevent the weed infestation on Lake Tana over the past several years have resulted in more than just the desired results, but that the weeds have been expanded. So far, the efforts have been known to be largely campaign oriented, inconsistent, and not implemented consistently between federal and state government agencies.

It is known that it is able to control the efforts of other lakes and countries where sprouting weed is widespread. For example, in Lake Victoria, Egypt (Nile dams) can be mentioned. Therefore, sustainable forest management practices should be implemented with the best experience of these countries.

We believe that strong federal and regional stakeholders should work towards a responsible system. The need for proper awareness of the Great Ethiopian Renaissance Dam, which is being built on Lake Tana and the Nile, should be taken seriously and the effort to remove the weed will be strengthened. It is doubtful that the Renaissance Dam could reach the dam in a short time through the Nile. Thus, the rapid erosion of the spider weed on Lake Tana would save the Renaissance Dam and the development of the lower basin.

The government, therefore, has carefully identified the problems of previously purchased machines with the appropriate accessories for the lake to be quickly bought into the workforce, as well as the necessary coronavirus protection precautions, in order to clean the weed in a short time. We recommend that it apply.

In addition, weed has been repeatedly reported in other lakes and dams of our country. Therefore, it is advisable that the weed control of these water bodies is immediately followed by the appropriate local authorities to prevent the weed control and follow-up before it is seriously damaged and out of control.

Ethiopia is remembered that the Ministry of Water Resources and a foreign investor signed a Memorandum of Understanding with the Ministry of Water Resources that it is possible to use fossil fuels as raw material for the production of fossil fuels. It is not difficult to understand that the social, economic, and environmental damage that weeds are producing is far greater than the benefits of cultivation. No animal feed or organic fertilizers and other commodities can be surpassed by the requirements of the Tana and Renaissance Dam. Therefore, we suggest that the government's approach to erosion should be the primary and sole purpose of eradication from Lake Tana.

A few days ago, the Tana Forum Conference was held at Lake Tana in Lake Bahir Dar.

Why do African and world leaders gather in the uncomfortable terrain of Tana River? I want you to pay attention and read it. These two articles are a hot topic of news. Let's go ahead and see them back to reality. I'll finally share the links that came out in this series. "the country that started The Amhara Regional State Universities Forum announced that it is focusing on joint research and community service to sustain growth.

The 12th forum of public universities in the region is being held in Debre Berhan. Forum Chairperson and Gondar University President said the forum is in consultation with the state government and is working to solve the social and economic problems of the people. So far, the universities have undertaken problem-solving research and research on soil erosion, deforestation, weed control of freshwater lakes and other problems. Creating and supporting a common agenda since the forum was established He said he was able to bring about changes in his efforts to give.

One of the works that is being used for acceleration of development, using radar surveys around Zoo and Tana Lake, has been updated and analyzed. Has seen it.said the universities in the region have started working with Mekelle University to facilitate the development of Space Science Technologies in the mountains of Lalibela Abune and Yosef Mountains. Wollo University President, said, "The continuation of the forum has allowed the universities to maintain close ties to their respective communities." Thereby enabling community service and research activities to benefit the community through developmental exploration. Enabled them.

According to, the university is allocating more than 50 million birr to cope with water shortages caused by the drought in Illinois.

He said efforts have been made to prevent the loss of resources through the purchase of farmers at fair prices from farmers. Debre Zeit University, Vice President of Social Services at Debre Birhan University, said that the university has ensured that there is a huge amount of herbal resources in the Aberdeen area. The three-day forum, which began last week, is known to review the activities of the universities and to guide them in future directions, he explained.

This is how news always comes to us. Take this and watch the next episode.Ethiopia will host two international and continental conferences focusing on security issues. The Munich Security Conference, expected to be held in Addis Ababa on Thursday and Friday, has been closed for the first time on the African continent, and the Tana Forums on Saturday and Sunday have closed for five years in a row.

The Addis Ababa conference is organized by the Munich Security Conference organizers half a century after the founding of the Munich Security Conference. The annual conference in Munich (Germany) is considered one of the leading international forums on foreign affairs and security policies. Since 2009, similar semi-formal conferences have been held in major cities across the country.

Addis Ababa is one of the so-called "Core Group Meetings", one of a series of small meetings with senior leaders at a table on serious security issues in the area. Washington, DC, Moscow, Beijing, Doha, New Delhi, Vienna and Tehran are cities that host similar meetings. The move is expected to be the keynote address at the Addis Ababa Summit, which was the main agenda of the Munich Conference two months ago. At the conference, the issue of prevention and control of refugee migration has received equal attention from the fight against terrorism and extremism. Ethiopia is represented by Prime Minister and Minister of Foreign Affairs, who are expected to attend sixty-one senior leaders from Africa, Europe and the United States. Germany, which hosted the annual conference, will send out its former president, Horst Kohler, Chancellor Merkel's African Affairs Officer, Deputy Minister of Foreign Affairs Marcus Elder and Chairman of the German Parliament's Foreign Affairs Committee.Among those expected to attend are the Minister of Foreign Affairs of Mali, Mali and Chad Defense Ministers, Moroccan Cabinet Affairs Minister, General Director of the International Organization for Migration, and Cameroon's Attorney-General. Sources indicate that members of the Tana Forum, which focus on security issues in Africa, have worked hard to bring the Munich Summit to Ethiopia. Former President is one of them. That is why the seafront is done following Addis Ababa. who will be sitting at the Lake Tana annual meeting every year, discuss how Africa will be viewed in terms of its international security agenda. While Africa's security challenges have attracted international attention, the conference will be the central theme of why the continent's views and experiences are not being used adequately.

In fact, this year's meeting is the most interesting one we've ever had, "says an expert at the forum for the past four years. Former UN Secretary-General Kofi Annan is expected to be the keynote speaker on Saturday. A practical movement to change their former name and image by collecting the commitment that African children have no need to change their own and others' lives

As they are doing and documenting relative success, the unexpected has emerged as a major obstacle. This is why religion has chosen to be the topic of discussion for the issue of religion.

Speaking at the opening of the forum, Prime Minister said that the trend towards greater freedom of religion and the use of religion for political purposes is a tragic one for the continent.

"As Africa is slowly emerging from the image of the 'black continent', where it is responding to good governance policies, as a result of rapid economic growth, many countries in Africa have become a threat to world political systems," he said.

The Tana High Level Security Forum is a forum aimed at promoting the use of sustainable solutions for conflict resolution. Heads of state invited to the sea every year, from education and research institutions and

Visitors from various organizations will advise on the topic that is considered to have an impact on peace and security in Africa. The forum also works to highlight the African voice in the World Security Agenda.

This year's Tana Forum was very different. One of the features of this forum is the quantity and composition of the invited guests.

11 national leaders and former leaders participated in the forum.

Prime Minister of Ethiopia and Kenyan President, Rwandan President Paul Kagame, Ugandan President, Mali's President, South Sudan's Deputy Prime Minister, Chad Foreign Minister, former Nigerian President, ex-Botswana president and former president of Tanzania, are among the leaders at the forum. The forum was similarly highlighted by the participation of prominent African leaders, civil society leaders, policy

makers and stakeholders. Among the participants representing Ethiopia were Prime Minister Prof. Andreas, Speaker of the House of Federation, Deputy Prime Minister, This news is enough if we have a lot of knowledge about the Tana Forum. Today's Tana Forum is the fifth. We still live in the news, but we are still forced to investigate the background behind the news. They try to lie that the Tripoli Forum started 5 years ago. "After that, in Ethiopia, 5 years ago, Libya could think of itself as a forum for Libya. It was a horse country. Now, what is it? Why is it to get Africa out of trouble? If it is an African issue, there is a communal seat where they talk. Is it because they are gathered around the problem? No, we can say, "Nine springs won't blow a tire." Their history did not do a single job for Africa. They did just one thing. He said, "The Union does not recognize any government in power in Africa." No! There is still the same problem that is unresolved in every country in Africa. Problem is not solved by problem. Africa's problem is not solved. Because the problem is the leaders themselves. African leaders are all thieves and fools. Sell us the If they find a body they really sell !!

Let's get back to our main point. No one ever goes in for the Tana Forum.

The area is not clean.

If you tell them something, you can win. If you say we have something else in the background, you can win. But you have started to stop at the Tana Forum. How are they responding to them?

Tana is a lake in English. The forum is called Forum in Amharic. No leader in this world who seems to have a joke is focused on the Tana Forum. Except for Ethiopians. Lake Tana has been hit by a shocking catastrophe. Why is it that there are African leaders at an open forum? If the issue had been related to the Nile, then the beneficiaries of the river would be gathered. Not at all. If you choose Bahir Dar, there are comfortable hotel halls.

Find a cure for spider weed

Is the herbicide gone extinct, or has it been ruled out on lakes?

Scientists from East Gojam zone Debre Markos say they have found a traditional medicine that will completely destroy the weed.

The lead researcher, above According to the state's research institute and the university, the drug can dry up spider weed within 24 hours, eliminating it completely and not causing any adverse effects on aquatic organisms.

❖ Lead Master, although they have repeatedly tried to work with relevant institutions in the interest of scientifically supporting their research and their efforts to save Tana; They say that they are deeply saddened that they cannot find a national entity that claims to show us the plants, but to save them from extinction.

❖ Merrigo More than the state government has established an independent task force from the federal and regional governments, from various government and non-governmental organizations, religious figures, influential people, politicians, researchers, civic organizations, etc. If the task force is to evaluate the drug in practice, it will be subject to the task force's decision; They also called on them to work to save Tana, if they are to succeed, if they are to succeed.

In their study of spitting the drug on the herb, the researcher said they were convinced by repeated tests that the weeds could dry up. The director of the University Of Bahrain University Institute Of Technology said the teacher had informed the director of the results of the test on 30/03/2012, as requested by the teacher. On a three-day trial, the drug produced 70 percent of the dose on the first day; They also announced that they had seen the ceasefire completely on the second day and that he was an eyewitness.

Director of fisheries research at Bahir Dar Fish and Aquatic Research Center on his part said: A two-week, two-week experiment was conducted with 48-hour dietary supplements to determine if there were any adverse effects of the herbicide-derived anti-inflammatory drug on the fish. The results of the experiment also say that the drug had no side effects on fish and was reported to the researcher, including the test sequence.

To understand the reactions of other concerned parties and the process of investigation



Why did the Illuminati want to dry the canal?

Lake Tana has more than 37 islands. It contains 27 monasteries on the islands. Tana is the epitome of Ethiopian history and wisdom, embracing religious secrets. More than that, ancient parchments, such as the Book of Felix, bear witness that Paradise is a little higher than the earth in relation to Lake Tana.

Behold, Paradise is in heaven in Ethiopia. The Nile will pour out of Paradise and the Nile will flow from the creek and pass through the canal. Since Paradise is in Ethiopia, the tree that gives eternal life is also a tree in Ethiopia. Our ancestors knew this well and surrounded it.

On the contrary, the Devil and his hordes are well aware of this secret. I will defeat the battle of Armageddon in the last day of the battle with the Creator, and I will bring the tree of life into my hands: It's been a long time since all of them would bow down to the idea that they would worship me.

One of his plans to achieve this is to build a technologically sophisticated control city, one of which will be used for the final battle.

To do so, the devil and his hordes have become mad when the Illuminati movement has begun, With the approval of the government, designing a pyramid-decorated design, and creating an unbelievable budget, they are working on a budget to build a unique technology town called HUB CITY (Wakanda).

Aside from building this sophisticated technology city, Tadi is working hard to dry up the foundations of the many sacred monks, the patriarchs, and the bricks of wisdom. Cannabis, crocodile, euphemism, etc. The weeds and bugs of the lake are also seriously harming Lake Tana.

Since the herb is about 90 percent of the water in the whole body, it comes in many parts of the lake. In addition to the growth of the weed, not only did boats prevent boats from moving, it also resulted in a significant reduction in fish production. It is also causing serious problems for local farmers and biodiversity. From covering up the area used for plowing; Local farmers say that when animals eat they are not only sick and lose the taste of milk and meat. Worse still, the monastery in the Tana Valley is suffering from the monks who take their prayers to the Ethiopian nation day and night in the wake of the Devil's temptations.

It has now reached 27 kebeles. To the south of Delgada, up to Delggi. The damage is occurring near the border. The total length of the lake is around 385 miles. From here, the pulpit has grown to 27 kebeles. This is approximately 190 miles [190 km] along the coast. Damaged on the shores of the scientific lake is that its main breath is affected. It only has water. And the water will dry up tomorrow.

The Tana exam is not just a puzzle. Other newer weeds are also threatened in Lake Tana, without the issue of the avocado being resolved. Not much talked about

The emergence of weeds such as the zombie and the apple is yet another source of concern. There is also the problem of contamination, not just weeds. Bahir Dar and Gondar Town wastewater enters the lake. It is impossible to carry this and fight the weeds. The lake also faces the threat of sediment. As a result, the depth of the lake is reported to have slowed.

It would be naive to think that all of this is over and over again by accident. Remember that Tana is one of their most important places for the Illuminati.

Although several solutions have been proposed to solve the problem of Tanama, none of them have been effectively implemented. If we look at some of them

- The University of Bahir Dar says that getting rid of the beetles by their masters was a multi-national experience. The beetles only feed on larvae. We started work three years ago. It's been successful at Lake Victoria. Others are effective in African countries. "They don't cause any side effects and they don't cost anything," he says.

Even though preparations for putting such a side effect on the other side of the lake had been successfully implemented, the bureaucracy has unfortunately not been able to get into the workforce.

- Mr. Mulat sadly, was the manager of Multimedia Engineering and his company worked with the University of Bahir Dar, a machine capable of harvesting and transporting weeds. To make the most of what we have, we have set up our own model. The ability to remove the bulb is beyond our reach. "We've built a better machine than the outside," he explains.

-English Lord Abou Adam has been found a pharmacist and perfume researcher. They say about their medicine: "My research is fluid. It sprays on the scalp. The weeds dry up in 24 hours. It's natural and doesn't harm the biodiversity of the lake."

Other bureaucracy could not be used to ensure that the side effects of the fluid barrier should be studied.

□ Although this and other solutions have been proposed, neither of them has been able to get into action successfully. It would be naive to think that this happens only on different occasions. Remember again, Tana is a matter of survival for the Illuminati.

In this world ruled by the devil, it is best to stretch out hands to God to protect the people from the solution. May we always think of our prayers because the Creator of the God of our fathers will not keep silent. If it were not for science, then it would still be dry. But that is still the case, as science cannot understand. Because it is clear the patriarch's prayer. Let us therefore pray fervently

Beyond that, let us do our utmost to join together and cry together.



or example, if I have been attacked by a computer, it is my own defense, not my protection. Apply it to the site. Think about it at the national and state level. If he hired a professional, would he be prosecuted in the Ethiopian court under the current law, how could a court of law without a rebel attack the government's internet network? Therefore, the purpose of this law is another, To imprison all citizens in the name of the law. It's a law that is for rehab in the country!

I'm not a politician, for example. I'm not a politician. Maybe if an atheist has found the word or prophecy in any secular book and has been able to prove the truth of that text, and how it can now restrict its right? Something like this will happen in the future; something like this will fall into your hands, the number is 666. I can see that we are applying what I read to someone who can think of them as a person, not a religion.

All the hymns and the scriptures of all the Scriptures are very clear about the end of the world and its symbols.

After this law was adopted in Ethiopia, no citizen, any devotee of any religion, can speak and write about the God who created them freely. No law can be objected to by any religion after this law is adopted in Ethiopia. After the law was passed in Ethiopia, it is about the goodness of Satan, not to mention the words of God, to warn the people. The law was adopted in Ethiopia: "We have heard the news that two investors have

entered Ethiopia and are praying for the people in a short time, to build 50,000 churches. Why are they here?" What kind of church do they form?

Stop complaining until we know that we cannot order our identity, not just patrolling the Internet, by spreading confusion, spreading misinformation online, sending spam text that people don't want to read!

Now keep in mind, for example, these two whites came. They prayed for the authorities. Now yes. Religious freedom can come and worship the same religion as anyone in the constitution. But the people are from a foreign land. As a citizen I can ask my brother my family what I must say or ask about my identity. I refuse to accept it tomorrow because it is my right. But my right to say no is wrong with the government of the new law. This is the law. Think of it as a handshake to the MacPocket tomorrow or tomorrow.

50,000 Churches, Who Are They, and What Is Their Purpose? What kind of church do you establish? Why, after all, choose Ethiopia? Is it a country that has a nation that does not know God? He said they wanted to go to Ethiopia and open 50,000 retailers. The world knows! Why do we hold the right to know this? Can't we raise our ground if we don't upset religion?

To see it, if this law applies in Ethiopia, we will be silent and watch.

Note that these people have not come to work for 50,000 churches on Ethiopian television. We have not told anyone.

So we got it easily. They didn't come in secret. It is a hidden government. They hide our own government which they did not hide.

If the law of this law had been taken seriously, it would have shown to us that they would not give us a proper analysis of the law, just as they would show us that it was not television.

It is written and passed and approved by the morning newspaper. How much of a citizen who watches Negarit's newspaper?

We heard in the newspaper or on the Internet that it was going to be approved by the Ethiopian government. It wasn't enough to tell us one paragraph, but it was enough to tell us one paragraph.

Partnering the basin countries to engage in the basin development and conservation work

The Nile Basin, Egypt, and Sudan will build dams of the lower basin and generate electricity for irrigation projects. However, various sources indicate that the Blue Nile, which is home to more than 85 per cent of the Nile's water, has suffered significant economic losses on both countries' dams. For example, the average sediment flow to Egypt is 130 million tonnes and up to 6 million tons of sediment flows. Therefore, an average of 124 million tonnes of sediment per year remains in the dam. Thus, through a 15-year follow-up, 1,570 million tonnes of sediment remains in Egyptian dams (Shalash 1980). Various studies indicate that an average of 140 million tonnes of sediment flows into the dams from the Nile alone, which is causing problems with the dams. Various sources have reported that the dams in Sudan's Roseires and 80 percent of the country's electricity supply have been shut down for several days each year, especially during the winter months, due to high maintenance costs. The dam's capacity to hold water was 3,200 million MT, but due to the annual drainage, the dam's capacity to hold water in 2016 was estimated. About 1,900 million mc. Reduced, on average, up to 3 million ms per day. Research has confirmed that sediment will enter the dam (Ishrag, 2018).

Thus, Sudan and Egypt experts frequently mentioned participation in the implementation of deep-sea and international riparian development projects in their recommendations.

In the process of negotiating the construction of the Great Ethiopian Renaissance Dam, our country has a major bargaining agreement with Sudan and Egypt, including water dams, water scarcity, etc. And so on. However, we believe that Egypt and Sudan are so invested in the Nile River that they are involved in the development of the Nile River, and that their participation in the Nile Basin development and the preservation of the Lake Tana basin could be a contributor to our country.

It is documented decades ago that Ethiopia studied the dam and the potential for national development on the Nile River. Since it has not been able to achieve its own financial and technical capabilities to achieve this development, it has been successful in its efforts to get aid and loans from development partners and international financial institutions. The reason for the failure is believed to be Egypt's intervention. As a result, Egypt has been guilty of grossly undermining Ethiopia's development or preventing the Ethiopian people from benefiting from development. Therefore, the argument that the Ethiopian people should be blamed for her abuse.

"We help the dragon with nuclear, we win God!" SATANGEL GUL ETHIOPIA

All Ethiopians were lighthearted, but it was a very serious and worthwhile point.

We are the only people who despise and despise Ethiopia. But for now it seems that this self-deprecation has to end.

Believe it or not, we believe it or not, this world will be destroyed. It may not concern the human being if it is to be destroyed by a prophecy, science, or air pollution or other natural disaster. But when we bring this issue to Ethiopia, it will change the way it is.

Ethiopia was the origin of the world, and it is still real that it is the end of the world. We Ethiopians do not believe it, but the rest of the world has accepted it.

Recently, in the year 2007, we wrote a book written by journalist and author Fishah Yaseh Kasha in mid-2007. The title is titled "The Gael of Gael Ethiopia".

The focus of this book is not just about the founding of the new earth government. He said that the war will be on Ethiopia, and that their goal is Ethiopia. The world's great leaders and leaders are now analyzing and asserting that their biggest homework is in Ethiopia.

While this book is currently being read by the masses, it has the status of being considered a novel by a few.

The author also stated that the meeting of the G20 countries and the G8 countries had all taken place in the context of a closed-door conference, stating that all meetings were related to Ethiopia.

Although the main area of interest is the Lake Tana Lake, the whole of Ethiopia is their main source. Accordingly, the Lake Tana can be covered with a variety of extant weeds, and to travel to the Vatican by Abati Mathias.

The book is due for publication in 2007, for example:

1. The World's Billionaire Billings (his name is 666): He comes to Ethiopia with a clever tactic by the Vatican bishop and the US government. He then comes to Ethiopia and takes his doctorate. The reason is that the Billigates are investing heavily in Ethiopia for the purpose of gradually enabling Ethiopian children and others, especially those in rural areas, to give them mental health care, education, health, water, and so on.

2. All the leaders of the Heads of State (666 members) must go to Ethiopia under the command of Pope Francis, and to follow Baphim, in the Biblical terms, the beast, his successor, the whole of Saturnel, and to prepare for their spiritual warfare in Ethiopia. The next day we read this in the book, Barack Obama came to Ethiopia and other East African countries. He went on to enjoy the freedom of male marriage and everything else.

3. Later, Abune Francis, who sends a message to the leaders of world powers and the world's religious leaders, came to Kenya and then to Central Africa, where they knew they would be furious. When they returned, they summoned our bishop Abune Mathias to the Vatican. He remembered that they had come to Ethiopia and had a talk in the square.

4. In a similar situation and the same agenda, former US President Bush came underground to visit Lalibela and other places and the news became public. It was unclear why he was hiding.

5. The Chinese, Japanese, Turkish and other G20 member states have come to Ethiopia on a proxy basis, given vast agricultural lands that have created ethnic strife for India and other countries, established Japan's largest trade and financial institution, and cut off hundreds of square kilometers of land for Ethiopia. The sale of the year to Djibouti, the solvency bond is approved by parliament, and so on, is an indication that things are changing rapidly.

6. More recently, as described in the book, the Italian leader came to Ethiopia unusual time and spent 5 days, visiting another for Lalibela.

(By the way, the reason why we do not see these events and departures as a mere coincidence or an event is that they happen in accordance with the book and their program.)

The leaders of each country were identified as leaders of Ethiopia at the G20 Summit in 2014. As the bishop talks with Ethiopia over his presidency, you can find the questions and answers to his questions in his book. .)

7. Next, as described in the book, the Ethiopian archbishop Abune Mathias traveled to Rome a few weeks ago and was rewarded with a trip.



Don't forget Lake Tana Jame

Where are your peaces and how much do you forget about my mother's children Only the farmers around Lake Tana? Tana life is Ethiopian life. Well, as you can see, there is no way we can find out about water problems in Ethiopia. Even if you drink bottled water, think of your brother who drinks a mixture of soil and water and that's life. I say life is your life and the life of the flesh and the soul. Before the prophets wrote about the birth of Jesus Christ, the Ethiopian Desert astronomer was researching the lake at night and knew that a girl would be born and that God would be born. And Deutsche is the one who saw this miracle with the Lake Tana Lake.

"And the ark rested in the seventh month, on the seventeenth day of the month, upon the mountains of Ararat."

Where Ethiopia lies Mount Ararat is at the edge of Ethiopia. True, my mother's only child doesn't love the soil. I don't like the soil because I wish the Finfina Keane to say it to us. Before he could say goodbye, Walsh set out to save Tana. Your son in your brother's hand will not be hurt. But when it goes off, What you fish to eat, The monastery where you dream, brag, ravage; A boat to enjoy: Where you wash: Know that the lake where you make your living money disappears. Do not let hives use you for political consumption. Instead, be a person with a clear conscience who walks in knowledge. I don't know tuna is your father you didn't know. Don't tell me how he didn't ask. When your grandparents, from the south, west, east of Adwa, arrived at Tana, they were drinking, whether the God who created the water, whether the god of praise was God, and they won. If you are north, when your grandparents emigrated with the Ark from the Axum to Ziai to protect the Ark of Zion in the days of Yiddith Gutti, they did not sit down and drink their lives.

And then your grandma's grandmother gave birth and you arrived. Know that the reason you are born is a positive one. Please do not be silent about Tana. He lies on his feet and says he won't listen if our sleeping government woke him up. If we are shocked when we shout loudly, then let us unite it. Don't blame us for history. Don't stop now, so that your mom and dad won't be embarrassed about what they were doing when they read a book about the loss of tuna. It is not hard to imagine how much the cheetah had grown in the winter. Before I go to Bahar for the next year and enjoy Stad's large lake, let me shout out and let you cry.

V. Summary

Lake Tana is known that our country has a good ecology, a good geographical location, a great variety of natural resources. Due to its rich and diverse ecological resources, it has acquired a wealth of plant and animal resources from lowland / highland to highland areas. However, we have not been able to benefit from the benefit of our country and our society, as we have not properly cultivated, maintained, maintained and maintained our natural ecosystems, our convenient geographical location and our natural resources, especially forest, water and soil resources.

Our country's natural resources, especially water resources, are based on irrigation, drinking water, construction of dams, etc. They will be held. However, due to river clearing, high sedimentation to the dams,

waste of cities and industries into rivers and lakes, the spread of weed weeds, etc. The dams have become a serious threat to the service they are expected to provide.

The Great Ethiopian Renaissance Dam, which is eagerly awaited by all Ethiopians, is also facing serious problems with the overflow and deforestation of the Lake Tana basin.

This is the pride of our country, which every Ethiopian has put his finger on and looks forward to contributing to the dam, which is the focus of the international community's focus on the protection of the Nile Basin, sustainable soil and water conservation and the immediate clean-up of the lake. We must.

While these works should be done alongside the dam, we still believe that due diligence, forestry and river basin projects are no longer on the ground, and we believe the government should immediately identify the gaps and put them into action.



Figure 1. Satellite images showing water hyacinth distribution in October 2017 vs 2018.

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አያሌው (2019): ስድስት መሠረታዊ ጥያቄዎች በጣና እምቦጭ ዙሪያ <https://www.bbc.com/amharic/50709583>

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Research and community service



Derese Simegnew Alehegn. "Risk of Weed Damage to Lake Tana and Grand Renaissance Dam." *IOSR Journal of Nursing and Health Science (IOSR-JNHS)*, 9(3), 2020, pp. 27-44.