

An educational campaign will be implemented at all levels of education

People's Technical and Scientific Meeting for the Rescue, Conservation and Sustainable Development of Lake Maracaibo proposes the recovery of 21 wastewater plants



The 1st Technical-Scientific-Popular Meeting for the Rescue, Conservation and Sustainable Development of the Lake was presided over by the Vice-President of the Public Works and Services Sector, G/J Néstor Reverol, accompanied by the Presidential Commission in charge of the recovery and sanitation of the lake (More information on page 2).

211.6 tons of solid waste collected

Institutions and People's Power deployed in a mega sanitation day on the coasts of 15 municipalities of Zulia

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Catuche and Papelón

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With 20 thousand recycled plastic caps

Ecological Mural and Grotto of St. Francis of Assisi open at the headquarters of the Civilian Park Ranger Corps

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An educational campaign will be implemented at all levels of education

First Technical and Popular Scientific Meeting for the Rescue, Conservation and Sustainable Development of Lake Maracaibo proposes the recovery of 27 sewage plants



Iclam to become the Presidential Commission's operations center

The 1st Technical-Scientific-Popular Meeting for the Rescue, Conservation and Sustainable Development of the Lake was held in Maracaibo on August 2 and 3. The activity was presided over by the Vice-President of the Public Works and Services Sector, G/J Néstor Reverol, accompanied by the Presidential Commission in charge of the recovery and sanitation of the lake.

During both days, debates and proposals were held, where the main short-term objectives were announced as to recover the 27 sewage plants, restructure the 25 thousand fishermen councils that make a living in the waters of the Coquivacoa, supervise the companies on the shores of the Zulian estuary and create a legal committee formed by national, regional, local and popular authorities, to create new laws, regulations, decrees and ordinances that will lead to establish regulatory measures.

"The president has appointed a commission of ministers,

ministers, high-level officials, so that together with those who make technical and scientific life on this matter, and together with the Popular Power, carry out the rescue, conservation and sustainable development of our lake. And this is the beginning of a great journey forever, with all the actions that we are going to undertake", assured Reverol.

He informed that through this plan, an educational campaign will be executed at all levels of the region and training of special populations, fishermen, indigenous communities.

"It is a problem that we all have to solve together, and the involvement of Misión Arbol is fundamental for this task", he said.

He announced that the Institute for the Control and Conservation of the Maracaibo Lake Basin (Iclam), will become the operations center of the Presidential Commission, with the purpose of establishing a situational room, a monitoring

and early warning center to adopt necessary measures.

"Let it be a great coordination center for the actions we are going to undertake for the rescue, conservation and sustainable development of Lake Maracaibo. We have also managed to get PDVSA to provide us with a high-level manager as liaison for all the actions we are going to undertake jointly with Petróleos de Venezuela. We are going to form a permanent Technical Scientific Committee", he stated.

The closing ceremony was attended by the Ministers for Ecosocialism, Josué Lorca, Attention to Waters, G/D Rodolfo Marco Torres, as well as the president of Iclam and director of the Territorial Ecosocialist Unit (UTEC) Zulia of Minec, Armando Portillo, the mayors of the entity, representatives of the communes, Popular Power, scientists and the universities.

211.6 tons of solid waste collected

Institutions and People's Power deployed in a mega sanitation day on the coasts of 15 municipalities of Zulia

In a joint sanitation and cleaning mega-day, State institutions and the People's Power were deployed on the shores of the lake belonging to 15 municipalities of the state of Zulia, as part of the Rescue, Conservation and Sustainable Development Plan.

The president of the Institute for the Conservation of the Maracaibo Lake Basin (Iclam) and director of the Territorial Ecosocialist Unit (UTEC) Zulia of the Ministry of Popular Power for Ecosocialism (Minec), Armando Portillo, was in charge of coordinating the operation. From the shores of the Altigracia Ports in the Miranda municipality, he expressed that the actions are in accordance with the instructions of the Sectorial Vice-President of Public Works and Services, G/J

Néstor Reverol and Minister Josué Lorca.

Portillo detailed that during the day, a total of 211.6 tons of solid waste were collected and taken to the landfills located in each municipality of the state of Zulia.

The approach included 15 municipalities with coastal axis, an action that counted with the participation of 1,017 volunteers from state, national and Popular Power institutions, who joined in the collection of solid waste and debris in order to preserve the ecosystem of the lake.

For her part, the director of Ecosocialism of the Mayor's Office of the Miranda municipality, Marian Huerta, affirmed that the day includes all sectors to consolidate the sanitation of the lake and provide

the people of Zulia with a space in excellent environmental conditions, and to dignify the work of the fishermen who live in the waters of the Coquivacoa.

Likewise, the working class, represented by the fishermen of the Ports of Altigracia in the Miranda municipality, were also involved in the work of cleaning the lake and its shores, with the objective of creating awareness in the population and giving them a message to unify efforts in favor of a natural resource that offers the nation innumerable benefits.

The environmental authority in the state of Zulia assured that the deployment will be extended in the coming days in different municipalities of the state.



1,017 volunteers participated in this action

It is located only on the coast

Cyanobacteria feed on 80% of the macronutrients of Lake Maracaibo



As early as 1904, there were already reports of the presence of cyanobacteria or verdigris

B iologist Rómulo Márquez, with 29 years of service in the Institute for the Conservation of the Maracaibo Lake Basin (Iclam), explained the factors that influence the environment in Venezuela's main estuary.

He indicated that the watershed is a depression that receives water discharges from the Andean mountain range and the Sierra de Perijá, with the dragging of elements that become macronutrients for algae.

"There are 135 rivers that reach the Lake with macronutrients that represent 80% of the total mass of macronutrients in the Lake," he said.

He said that another contributing factor is the city waters and "there are other important factors such as climate change, temperature increases, which cause the microalgae to grow more".

"There is a detail in the center of the lake as a nutrient trap system known as a hypolimnetic

cone is formed. This cone is inverted and is generated by the amount of salt water that enters from the Caribbean Sea through the Gulf of Venezuela into Lake Maracaibo through its navigation channel. Salt water is denser than fresh water and this generates the phenomenon of stratification and the release of these nutrients at certain times of the year or in certain events such as La Niña and El Niño", he explained.

He pointed out that "climatic changes make those nutrients available for this type of algae growth to occur."

"There are several main factors such as salt and oxygen availability. It goes to the bottom of the lake, where we have been able to observe in the long trajectories of the Iclam in over 20 years of study. The behavior is usually cyclical," he said.

He added that "this year it was a cyanobacterium that had massive growth because it feeds on 80% of the macronutrient matter.

"Years ago it was the lemna, a small plant that normally inhabits the lagoons of the Ciénaga Juan Manuel de Aguas Blancas and Aguas Negras. That plant, when it goes out into the lake and has this nutrient supply, grows in the same way," he said.

About the cyanobacteria or verdigris, he assured that "it has a very long history, it is not from now, there is a report from 1904 from the Chevron company, which reported the presence in its drilling drills, a green algae that they did not know what it was at that time".

"In 2004, when there was the greatest growth of the lemna, it occupied only 14% of the surface of Lake Maracaibo and now the cyanobacteria, which we have only on the coast, is in a similar percentage and not 70% as assured by factors of the extreme right", he asserted.

Agreement Inparques - UBV

35 members of the Civilian Park Ranger Corps in the capital promoted

To celebrate World Park Ranger Day, 35 members of the Civilian Corps of Park Rangers of the National Parks Institute (Inparques) were promoted at the National Headquarters of the guardians of nature, located in front of the Generalissimo Francisco de Miranda Recreational Park, east of Greater Caracas.

The Minister of Popular Power for Ecosocialism and President of Inparques, Josué Lorca, was in charge of delivering the promotions to the Park Rangers, together with the Chief Park Ranger Pablo Lira, the legal consultant of the Ministry for Ecosocialism (Minec), Ada Fernández, the General Director of Environmental Impact Control and Inspection of the Minec, César Solís and the commander of the Forest Fire Brigade of Inparques, General Germán Gutiérrez.

Other authorities also participated, such as the general manager of Inparques, Nathaly Trujillo, the director of the Inparques Office, Shantall Casanova, the general director of Forest Patrimony of the Minec, Zoraima Echenique, the president of the National Foundation for Environmental

Education (Fundambiente) and general director of Training of the Minec, Jesús Méndez, and the general director of the Territorial Ecosocialist Units (UTEC) and national coordinator of the Brigades Against Climate Change, Jean Román.

In this regard, G/J Pablo Lira, said that "for me it is a pride and a privilege to have you here present in this symbolic act, because we know the work, effort and sacrifice that each and every one of you perform within our natural protected areas".

"We must continue with that unique character, which symbolizes us as guardians of the planet, because we are. We must grow and carry in our hearts that process that we will continue to strengthen every day. As our motto says, 'to protect nature is to defend the homeland', let us continue together building the ecosocialist homeland, we will overcome!", he concluded.

The promoted park rangers were promoted to the next higher grade as Assistant Park Rangers, many of them graduates of the Bolivarian University of Venezuela (UBV), through the Inparques-UBV agreement. The

ceremony also paid tribute to the deceased park rangers.

For his part, the head of the Minec, Josué Lorca, highlighted the importance of the Park Ranger in the ecosocialist administration. "For me, truly, it is an honor, a pleasure and a pride to be in a promotion again of the Civilian Corps of Park Rangers, each day more consolidated, grouped and each day firmer in the conviction of their task of protecting the natural areas of Venezuela", he explained.

He said that "the honor that you have today in receiving this promotion is because you have had an outstanding career in recent years. But this honor comes with a great burden of responsibility, because we continue training park rangers and growing in number."

"It is you who are responsible for ensuring that those park rangers who come after you have the same honor, ethics, training and detachment that a park ranger and a forest firefighter have," he concluded.



Catuche and Papelon

Two Park Ranger Posts in the Waraira Repano Reopened



An Ecosocialist Training Camp was also set up

As part of the activities for World Park Ranger Day, the Catuche and Papelón Park Ranger Posts, located in Waraira Repano National Park in the capital, were reopened.

The Catuche facility underwent a complete restoration of railings, public restrooms, roofing, painting, electricity, painting and equipment, among others.

The acts were led by the Minister for Ecosocialism, Josué Lorca, and the Chief Park Ranger, Pablo Lira, accompanied by the coordinator of Waraira Repano, Ramón Campos.

In the place, the installation of the Ecosocialist Training Camp took place, in which the national director of Ecosocialist Training of the National Institute of Parks (Inparques), Magaly Alviar, was present.

The delegation toured the renovated spaces and officially welcomed the young people who recently joined the Brigades Against Climate Change, which promotes environmental awareness and sensitization among young Venezuelans, since they are the ones who will have the future of the nation in their hands, in

order to ensure that they have the tools and decisions to build a sustainable world.

Meanwhile, at the Papelón post, the following works were carried out: internal framing, electrical and water connections, installation of doors and windows, painting, rehabilitation of roofs, reinforcement of the structure and equipment. The site was the 1st Waraira Repano Park Ranger Station built in 1937.

Inauguration of carpentry

In the Generalísimo Francisco de Miranda Recreational Park, east of Greater Caracas, the Carpentry of the Civilian Park Ranger Corps was inaugurated as part of the activities to commemorate World Park Ranger Day.

The space was refurbished with a change of roof, painting and lighting, in addition to the acquisition of machinery, equipment for making beds that will be placed in the different park ranger and firefighter posts, as well as the manufacture of signage for the country's National Parks, Recreational Parks and Natural Monuments.

This first stage includes the manufacture of the first 300

bunk beds that will equip all the park ranger posts and fire stations in the country. The second phase at the site is the installation of machines for the manufacture of uniforms for firefighters, park rangers and personnel of the Ministry of Popular Power for Ecosocialism (MINEC).

The carpentry shop is equipped with spinning tops, multipurpose tools, chisel, feeler, circular saw, compressor, squares, round LED lamps, hexagonal boxes and sockets, among other elements, which will be used at this time to manufacture all the signage for Los Roques National Park and Pico Codazzi Natural Monument, as they have priority.

This carpentry is especially useful for the Leander ship, since one of the purposes is the special maintenance of the vessel, as it requires constant renovation of some areas that suffer rapid deterioration.



With 20 thousand recycled plastic caps

Ecological Mural and St. Francis of Assisi grotto open at the main headquarters of the Civil Ranger Corps



The Minister of People's Power for Ecosocialism, Josué Lorca, unveiled an Ecological Mural, a square and a grotto of St. Francis of Assisi, at the main headquarters of the Civil Body of Park Rangers of the National Parks Institute (Inparques), located east of Greater Caracas.

For the mural, 20,783 recycled plastic lids were used, reflecting trees such as the araguaney,

apamate, a macaw, toucan, the logo of Inparques and the Ministry for Ecosocialism (minec), among other illustrations, all made with recyclable material and some areas painted by hand. On the sides there are drawings made by the little park rangers.

The reason for the grotto is because the park rangers have decided to adopt St. Francis of Assisi, the caretaker of the

animals, as their patron saint. The chapel has an image of the saint, a fish tank, a waterfall, LED lights and was inaugurated with an emotional mass. This image will be replicated in all the states of the country.

The square in front of the mural is named "María Teresa Almeida" in memory of the second woman park ranger in Venezuela.



Park rangers decided to adopt St. Francis of Assisi as their patron saint

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@NicolasMaduro
08/06/2023

Standing ovations and my biggest congratulations to the U12 Baseball National Team who represented our tricolor with great passion, achieving the Bronze medal in the World Cup of the category, in Taipei 2023. Bravo boys, you are the Relay Generation!



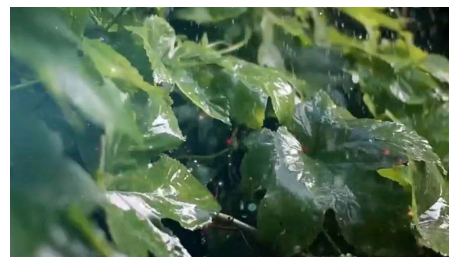
@NicolasMaduro
08/05/2023

The economic and productive miracle in Venezuela is a blessing, thanks to the work of all of us. That we still have a long way to go? Yes! But we are making great strides towards a prosperous Venezuela, with a new productive economy and maximum social happiness.



@NicolasMaduro
08/01/2023

On the celebration of Pachamama Day, we honor the cultural heritage of our ancestors, we thank the generosity of Mother Nature with humanity, and we ratify the commitment of the Revolution to continue promoting the environmental culture in our country.



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