

IS LAKE MAINIT IN DANGER?

Lake Mainit is the fourth largest lake in the Philippines. It is shared by the provinces of Agusan del Norte and Surigao del Norte. The water is clear and the enclosing land of hills and peaks is very scenic. The lake itself is a tourist destination from wherever point of view.



Fisher found in the lake are:

1. Pijanga (Goby)
2. Bugwan (Eleotridae)
3. Pantat/Agok-ok (Catfish)
4. Kasili (Freshwater eel)
5. Tilapia (Tilapia Nilotica) and
6. Karpa

Asian migratory birds and local bird's species have found the lake as a source of food and as breeding ground. Wildlife like deer, wild pigs, snakes and other are found in the forest around the lake.

There are 31 barangays that are largely dependent on the lake for food and livelihood, directly competing with the wild life in the area. The increasing population around it has put so much stress on the fragile ecological balance of the lake system. Siltation, flooding, increasing water turbidity, disappearing native species, and diminishing fish catch are just the few danger signs that the lake has manifested.

The need for coordinated action among stakeholders is the answer to prevent a disaster waiting to happen.

WHAT IS LMDA?

The Lake Mainit Development Alliance or LMDA is an Association of Local Government Units in the Lake Mainit Area, concerned agencies and the civil society. It was organized through a Memorandum of Agreement between Surigao del Norte, Agusan del Norte, eight(8) municipalities and selected national line agencies on March 1999.

Foremost in its vision and mission is to protect the ecology of the lake system and the environment that sustain lake Mainit.



The Alliance has a wide spectrum of responsibilities ranging from assisting the LGUs in conservation and protection up to pursuing sustainable development and management of the lake including people empowerment. It serves also as the coordinating body in the Lake Mainit area.

WHAT HAD BEEN DONE



Strengthened FARMC's



Monitored Fish Sanctuary



Policy Formulation



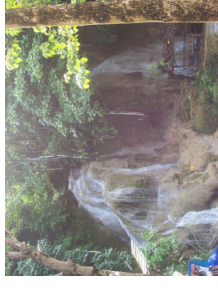
Established NRDB thru VSO – Philippines



Networking



Established Agroforestry Sites



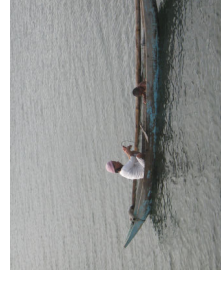
Eco-Tourism Development



Advocacy



Capability Building



Fund Sourcing

ON-GOING PROJECTS

- Sustainable Fisheries Management Program for Lake Mainit
 - PCAMFRD
 - MSU – Naawan
 - BFAR
- Biodiversity Project with FPE
 - DENR



- ✓ **Facilitated and Assisted PACAP Program the FOCAL Community Assistance Scheme (FOCAS)**



- ✓ **Coordinated with Line Agencies and other institutions**



WHAT ARE YET TO BE DONE

The plans and programs of LMDA are:

- ❖ Upland development and Management through forest landuse and watershed management, reforestation, agroforestry, and tree parks.
- ❖ Lake Management through the establishment of fish sanctuaries, bufferzone delineation and perimeter planting, fish seeding, water quality monitoring, strengthening of FARMC and lake resources assessment.
- ❖ River Management through riverbank stabilization, evaluation quarry and mining sites, marsh rehabilitation and dredging of Kalinawan river.
- ❖ Waste Management through monitoring and inspection of waste disposal, establishment of sanitary landfill and garbage collection system, waste recycling/reuse and marketing.
- ❖ The other support services are Capability building for LGUs, Networking and Linkages, Information Education Campaign, and establishment of Database.

LAKE FACTS:

Watershed Area	87,072 hectares
Aggregate Land Area	72,372 hectares
Lake Surface	17,060 hectares (BFAR)
Shoreline	62.10 kilometers
Maximum Depth	223 meters
Mean Depth	128 meters
Volume	18:00 cu. Km.
No. of Tributaries	28 major rivers
Lake Outlet	Kalinawan River
Length (North to South)	29.10 Kilometers
Surface Temperature Ranges	27.00°C – 30.66°C
Dissolved Oxygen Ranges	5.90 to 8.01 mg OL ⁻¹
PH Ranges	7.2 (40m) to 7.9 (0 m)
Lake Classification	Oligotrophic Lake (PCAMIRD)
Water Classification	Class A (EMB)

Source: EMP

VISION:

Lake Mainit as a diverse ecosystem with safe and crystal clear waters surrounded by verdant mountains and endowed with abundant natural resources, and as an ecotourism destination sustainably managed by an empowered citizenry for economic development and environmental protection.

GOALS:

1. To conserve the aquatic resources and to enhance their economic, ecological and recreational value.
2. To properly managed forestlands and improve the land cover within the watershed.
3. To promote greater involvement of the government, the private sector, local communities and other stakeholder in the sustainable management of the lake and other critical resources.

COMPONENTS:

1. Upland and lowland Management
2. River Management
3. Lake Management
4. Urban Settlement Management
5. Institution Strengthening

" Lets Save Lake Mainit"

PARTNERS:

- ◆ SURIGAO DEL NORTE ◆ AGUSAN DEL NORTE
- ◆ TUBAY ◆ SANTIAGO ◆ JABONGA ◆ KITCHARAO
- ◆ ALEGRIA ◆ MAINIT ◆ TUBOD ◆ SISON

Agusan del Norte
HON. ERLPE JOHN M. AMANTE
Governor
Chairperson, LMDA

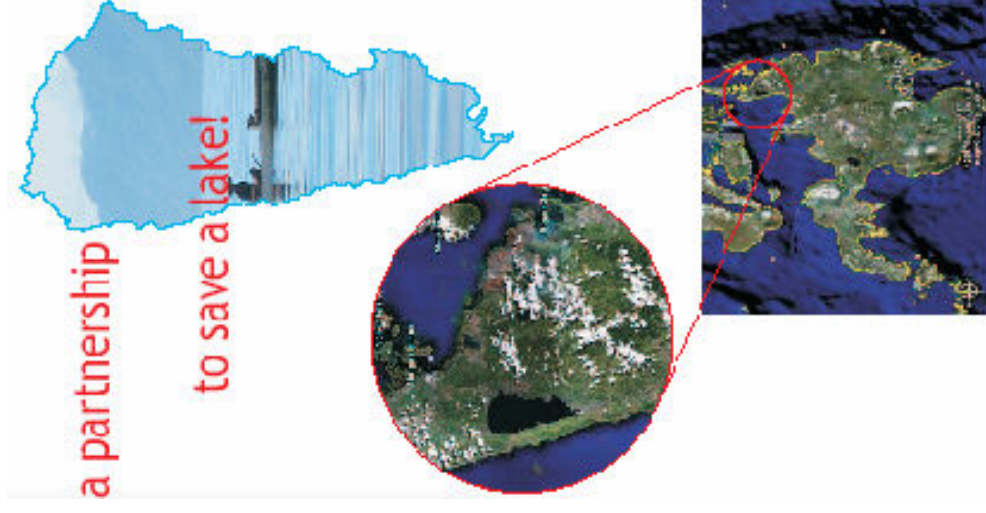
Surigao del Norte
HON. ROBERT ACE S. BARBERS
Governor

Project Management Office
ENGR. KAISER B. RECABO, JR.
Project Director, LMDA
Kitcharao, Agusan del Norte

- BFAR ● DENR ● DA ● DOT
- NEDA ● PIA ● ACADEME ● MAFC
- NGOs/POs ● BUSINESS



LAKE MAINIT
DEVELOPMENT ALLIANCE



a partnership

to save a lake!

Email: lakemainit_lmda@yahoo.com.ph
Website: www.lmda.blogspot.com
or www.lakemainit.com