







Mexican Watershed Network, a proposal to work on the integrated management of lakes in Mexico

Mexican Watershed Network

Objective



DESCRIBE STRENGHTS AND OPPORTUNITIES TO PROMOTE THE INTEGRATED LAKE BASIN MANAGEMENT (ILBM) WITH A NETWORK FOCUS THROUGH THE MEXICAN WATERSHED **NETWORK (REMEXCU)**



Lake Cuitzeo in Michoacan and Guanajuato States; the second largest lake in Mexico (Photo: Nancy Ortiz A.)

We make the network all...,

Content







AND WATERSHEDS

Overview and challenges

NETWORK FOCUS

Its importance for the governance of lakes

MEXICAN WATERSHED **NETWORK**

Description of "Lakes and their watershed" Working Group



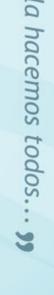


Mexico, its lakes and watersheds





- 1,960,189 km²
- 1,471 watersheds
- 366,000 km of rivers and streams
- 653 aquifers with
 115 overexploided
- Great regional differences



Challenges of Integrated Lake Basin Management in Mexico







Change of forest land use to avocado orchards in the Lake Zirahuen basin in Michoacan State. (Photo: Nancy Ortiz A.)

- Guarantee the Human Right to Water
- Reduce environmental conflicts in watersheds
- Evaluate watershed integrity
- Rehabilitate rivers and lakes to improve human health
- Develop governance



We make the network all...





Importance of network approach

- Lakes and its basins are complex systems
- To understand its dynamics multidisciplinary work is required > transdisciplinary work
- Relationship and interaction between multiple stakeholders could generated synergies to solve specific problems.
- There must be communication to disseminate, discuss and establish concepts and principles -> collective knowledge

A network enables compliance with these aspects





Lake Chapala network approach



- Create an **ILBM Platform** for the Lake Chapala basin, improving constantly six ILBM Governance pillars.
- Develop strong and **long-term partnerships**, involving several levels of participation with a committed basin vision.
- Generate sound and base scientific knowledge, to provide orientation to decision-makers.
- Increasing awareness of the public about lake-basin links, highlighting problems, causes and responsabilities of specific sectors.

Lake Chapala network approach













Lake Chapala, the largest lake in Mexico and an important site of **ILBM** work

(Photos: Alejandro Juárez)

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What is REMEXCU (The Mexican Watershed Network)? (I)



Red la hacemos todos

We are:

"A group of people, organizations and institutions which through continuous, systematic, organized and innovative interaction among its members strengthen the processes of integrated watershed management and contribute to the generation of synergies, capacity-building and the insertion of the basin approach in decision-making in Mexico"

(Strategy for Strengthening the Mexican Watershed Network, 2011)



Watershed Netwo







What is REMEXCU? (II)

- 1. Dissemination and communication of information on integrated watershed management
- 2. Generation of synergies, linkage, coordination and collaboration for the integrated management of watersheds
- 3. Strengthening technical capacities in integrated watershed management
- 4. Systematization of national information on integrated watershed management

Suiding AXES



What is REMEXCU? (III)

226 active members









Project:

Mexican Watershed Network: a platform for collaboration and exchange of experiences

Con el apoyo de la Alianza



ARRONTE

Collaborations in progress







Red Temática Conacyt Gestión e Investigación del Aqua



CECADESU -**SEMARNAT**



Proposal to work on the Integrated Lake Basin Management of lakes in Mexico (I)









DECLARATION FOR CLEAN AND **HEALTHY RIVERS** AND LAKES OF **MEXICO**

Regional Forum for the Rehabilitation of Rivers and Lakes of Mexico (16 of March 2018)

Sunset in front of Lake Patzcuaro in Michoacan State. (Photo: Nancy Ortiz A)



Proposal to work on the Integrated Lake Basin Management of lakes in Mexico (II)



• Create the Work Group (WG) «Lakes and its watershed» in the Mexican Watershed Network with the objective:

"Promote research and management of lakes and other lentic water bodies in Mexico, from the basin management approach, to advance knowledge of their current conditions and promote their sustainable management through the systematization and analysis of information, improvement of governance, dissemination and dissemination of results and the preparation of public policy proposals"

WG«Lakes and its watershed» →

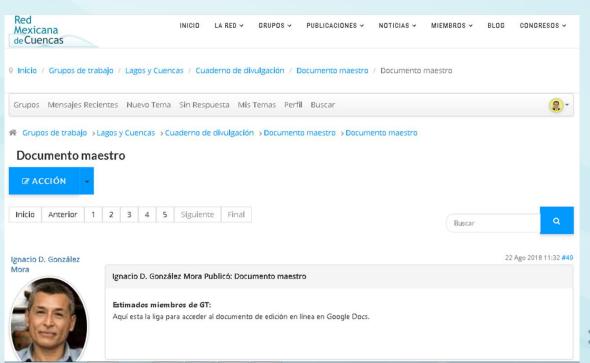
Knowledge and participation Promotion in Mexico of the **ILBM**



Progress of the REMEXCU'S WG "Lakes and its watersheds" (I)







Launch of communication and information tools in our webpage.



Progress of REMEX its watersheds" (II) SEMARNAT SECRETARIA DE MEDIO AMBIENTE Y RECURSOS NATURALES

Progress of REMEXCU'S WG "Lakes and







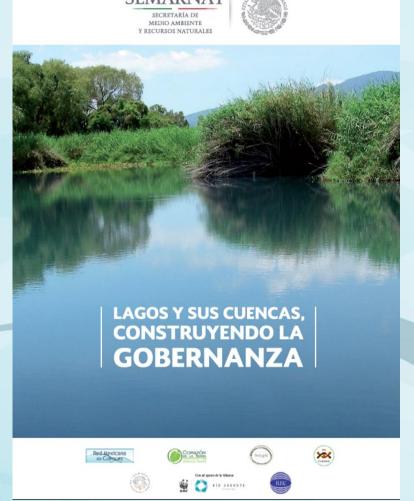
objective.

→ Specific Virtual Forum on the REMEXCU website

→ Developing a Working Plan

→ Draft call for members of Working Group (WG)

The first WG communication product: **«Lakes and its watersheds, building the governance»** (national distribution, Environmental Minister Alliance)



We make the network all...

Future perspectives







National diagnosis of mexican lakes



Consolidate the National Working Group



Integrate more mexican lake cases and regional networks



Impact of ILBM approach in Mexico and Latin America









Thank you

Working Group: "Lakes and its watershed"

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