

“We make the network all...”

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

“La Red la hacemos todos...”

Objective

DESCRIBE STRENGTHS 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.)

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Content

Mexican
Watershed Network

With the support of



MEXICO, ITS LAKES
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

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17th World Lake Conference

Lake Kasumigaura, Ibaraki, Japan, 2018

Mexico, its lakes and watersheds



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

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Challenges of Integrated Lake Basin Management in Mexico



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

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

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

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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 responsibilities of specific sectors.

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Lake Chapala network approach

“We make the network all...”



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)

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)

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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

Guiding AXES

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What is REMEXCU? (III)

226 active members



Red Mexicana de Cuencas

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Project:

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

Con el apoyo de la Alianza



RÍO ARRONTE FUNDACIÓN

Collaborations in progress



RED TEMÁTICA DE SOCIOECOSISTEMAS Y SUSTENTABILIDAD



Red Temática Conacyt
Gestión e Investigación del Agua



CECADESU - SEMARNAT



17th World Lake Conference

Lake Kasumigaura, Ibaraki, Japan, 2018

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

Mexican
Watershed Network

With the support of



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)

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



17th World Lake Conference

Lake Kasumigaura, Ibaraki, Japan, 2018

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

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


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Grupo de trabajo de Cuencas y Lagos

Inicio / Grupos / Grupos activos / Lagos y Cuencas

PERFIL DEL GRUPO



Atardecer en el lago de Pátzcuaro, Michoacán (Foto: Nancy Ortiz)

El grupo está integrado por profesionales e investigadores de la limnología, sistemas acuáticos, servicios ecosistémicos, conservación de la biodiversidad, manejo integrado de cuencas y manejo integrado de cuencas lacustres (ILBM, por sus siglas en Inglés)

OBJETIVO

Impulsar la investigación de lagos y otros cuerpos de agua lénticos y sus cuencas en México, para avanzar en el conocimiento de sus condiciones actuales e impulsar su manejo sustentable a través de la sistematización de información, la divulgación y difusión de resultados y la elaboración de propuestas de políticas públicas.

INICIA SESIÓN

Hola, Eduardo Ríos Patrón

[DESCONECTAR](#)

Red Mexicana de Cuencas

INICIO LA RED GRUPOS PUBLICACIONES NOTICIAS MIEMBROS BLOG CONGRESOS

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Grupos Mensajes Recientes Nuevo Tema Sin Respuesta Mis Temas Perfil Buscar

Grupos de trabajo > Lagos y Cuencas > Cuaderno de divulgación > Documento maestro > Documento maestro

Documento maestro

[ACCIÓN](#)

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Buscar

Ignacio D. González Mora

22 Ago 2018 11:32 #49

Ignacio D. González Mora Publicó: Documento maestro

Estimados miembros de GT:
Aquí esta la liga para acceder al documento de edición en línea en Google Docs.

Launch of communication and information tools in our webpage.

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



- Initial Group formation: Group Leader, structure and general 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)

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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

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Thank you

Working Group: “Lakes and its watershed”

Group Leader: Alejandro Juárez
Aguilar

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 @RedCuencas

 Red Mexicana de Cuencas Hidrográficas

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