



CENTRO AGUA

Centro Mexicano de Estudios del Agua AC

Action + Innovation + Development

An innovative “hands on” “think tank” for water management issues

CENTROAGUA is a non-profit private organization with the mission to develop and offer appropriate comprehensive solutions to address all aspects of Mexico's water challenges. Its vision is to become a global reference for water issues. Its purpose is to seek and implement solutions to meet water management challenges with efficiency, equity, ethics, and sustainability. CENTROAGUA is a center of excellence on applied research in integrated water management, with knowledge, proven ability, and experience in project monitoring, innovation, and technological development, as well as a proven track record for reliability and rapid response. Its workforce, constituted by a diverse team of expert professionals – civil, industrial, computer and electronic engineers, as well as biochemists, biologists, and economists – have been collaborating over 15 years.

As an interdisciplinary team, we specialize in:

1. Integrated watershed management
2. Integrated water management, at both the household and community levels
3. Water quality
4. Recovery of polluted water bodies
5. Water and energy
6. Appropriate technologies
7. Water for productive activities (agriculture, industrial and manufacturing)
8. Water and nature
9. Social dimension/technology appropriation
10. Water and climate change
11. Emergency care

Projects developed or currently underway in these specialty areas include among other examples, the design, and management of innovative technical solutions for water management in rural houses and schools, linked to the development and implementation of tools to increase efficient technology appropriation. On the national level, we have formulated, updated and provided follow-up for strategic watershed management plans. We have also provided technical supervision and monitoring of various tasks set out in these plans, as is the case for the Lake Pátzcuaro basin, in Michoacán, the Yucatan Peninsula, and the Alto Lerma and Valle de Bravo basins, in the State of Mexico. Related to water quality and recovery of polluted water bodies, we have designed and developed artificial wetlands and innovative solutions on various projects in Mexico City and the states of Michoacán and Oaxaca.

In the area of water use for productive activities in rural areas, we have developed innovative rainwater collection systems on different scales (including the largest tank of its kind in the world with a storage capacity of 1,300,000 liters). As part of our social commitment during emergencies, the Center was responsible for the design of temporary emergency rural housing, as well as technical training and follow-up, to care for the victims of the September 2017 earthquakes in Chiapas.

Having worked throughout the country, and even internationally, the Center has permanent headquarters in Cuernavaca, Morelos, and maintains a presence with demonstration areas for sample appropriate technologies in the Yucatán Peninsula, situated at San José Tzal, Mérida, and in Sanambo, municipality of Quiroga, in Michoacán.

For more information, write to:

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