Mangrove Blue Carbon Conservation

WILDCOAST Costasalvaje



Avoiding deforestation and degradation of mangroves in Northwest Mexico can prevent the emission of at least 70.8 million MgCO2 and reduce 12% of CO2 emissions caused by land use changes by 2030.

WILDCOAST's One Million Mangroves Campaign/Initiative is protecting and resorting the mangroves of Mexico's Pacific coast. With the support of the United Nations Development Program and other funders, WILDCOAST has:

- Restored 247 acres of mangrove habitat
- Planted 120,000 mangrove seedlings
- Trained 50 community partners on mangrove restoration and monitoring

WILDCOAST is currently seeking support to continue and expand this effort, with the goal of planting one million mangroves on Mexico's Pacific coastline. This work will include:

- Measuring carbon storage to establish a baseline in restoration sites
- Identifying, in partnership with local communities, a minimum of two additional restoration sites in LSI
- Initiating the restoration of an additional 2,000 acres of mangrove ecosystems with a focus on LSI and scalable potential for other regions including Bahia Magdalena, the Gulf of California, and the Oaxaca coast



Community members in Laguna San Ignacio, Baja California Sur, Mexico, participate in mangrove restoration as part of WILDCOAST's One Million Mangroves Campaign.

WILDCOAST is an international team that conserves coastal and marine ecosystems and addresses climate change through natural solutions. Founded in 2000 and with offices in California and Mexico, WILDCOAST carries out its mission through three strategies: 1) Establish and manage protected areas; 2) Advance conservation policies; and 3) Engage local communities as conservation stewards. In total, WILDCOAST has helped conserve 31.9 million acres of coastal and marine ecosystems.

Mangroves are a Blue Carbon ecosystem that sequesters atmospheric carbon at a rate five times faster than terrestrial forests while storing up to 50 times more carbon than forests on land. Mangroves help buffer communities against storms and sea level rise, support critical habitat for an array of wildlife, and provide key ecosystem services. Since 2008, WILDCOAST has worked with Mexico's National Commission of Protected Natural Areas, researchers, and local communities to protect threatened mangrove forests in Northwest Mexico.

Through federal zone conservation concessions, WILDCOAST and CONANP have protected 49,787 acres of wetlands and 1,346 miles and shoreline on the Mexican Pacific coastline, including 8,500 acres of mangroves in Bahia Magdalena and the Gulf of California.

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