



**37th MEETING OF
GOVERNORS OF
THE IDB** OF THE CENTRAL AMERICAN ISTHMUS
AND THE DOMINICAN REPUBLIC

Belize

Making an impact
to improve lives

**Selected results in IDB Group-supported
projects on climate change
and education**



Challenge in Sight

Climate Change & Natural Disasters

1% of GDP
PER YEAR

Losses during the last decade due to natural disasters in key sectors such as agriculture, fisheries, and tourism.



Small state highly exposed to hurricanes, flooding, sea level rise, coastal erosion, and droughts. Belize's disaster risk management governance must continue to improve.

Challenge in Sight

Education Quality

3 out of 4 students are not proficient in reading at age 10



IT IS 25% HIGHER THAN THE LAC AVERAGE.

Only 17% of students graduate from STEAM careers (science, technology, engineering, arts, and math), even though these areas of study offer better income prospects.

Boys outscore girls in mathematics and science at the secondary level.

IDB Recent Support

Reducing Climate Vulnerability
US\$10 million

in financing

GOAL

Decrease Belize's climate vulnerability and risk through the implementation of **resilient measures in strategic tourist areas** and strengthened governance for climate disaster risk reduction.

Latest Results

Nature is Still the Answer

30,000 beneficiaries

from reduced flooding effects in Belize City

- Canals were rehabilitated and a pumping station was implemented to manage floods.

Flood control infrastructure

installed at strategic sites for the tourism sector, including Goff's Caye, Caye Caulker, and Belize City

- MSMEs in the tourism sector were favored** by avoiding new floods that would have affected their services.

Improved governance

for climate disaster risk reduction

- Management plans were updated.
- A climate information system and a financing strategy for climate risks in agriculture and tourism were developed.



Nature-based solutions for erosion control

in Caye Caulker (Ambergris District)

- Native vegetation was used to stabilize protective dunes to reduce coastal erosion in a highly touristic area.

IDB Recent Support

Enhancing Learning Innovation and Diversity

US\$25 million

in funding

And additional grant resources for **US\$7.5 million**

GOAL

Improve the quality of education at the primary and secondary levels, with a special focus on innovation in STEAM education, while closing the gender and diversity learning gaps.

Latest Results

New Pedagogical Approaches



+46,000 kids in primary benefited

from an inquiry- and problem-based pedagogy (IPP) learning model:

- +2,300 trained teachers** in IPP.
- 20% of the benefited students** were migrants (and for them, +1,300 teachers were trained in inclusive education and multicultural environments).

3,611 girls and 3,333 boys in secondary benefited

from STEAM and IPP learning models.

- The Belize STEAM Lab School was built** and operated in association with the Massachusetts Institute of Technology (MIT) to test innovative and cutting edge education.

+2,800

parents were engaged

They participated in training to foster their involvement in school management.

- +356 primary school principals, general and local managers, and education officers** were trained in school administration and education management.

In Belize

WE CONTRIBUTE TO THE
ADVANCEMENT OF THESE SDGs
(Sustainable Development Goals)



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