



# GEMS/Water Regional Hub for Latin America and the Caribbean

Capacity Building for Water Quality Monitoring and Assessment

The National Water Agency of Brazil (ANA) is a GEMS/Water Regional Hub for the delivery of capacity building activities in water quality monitoring and assessment in Latin America and the Caribbean (LAC).

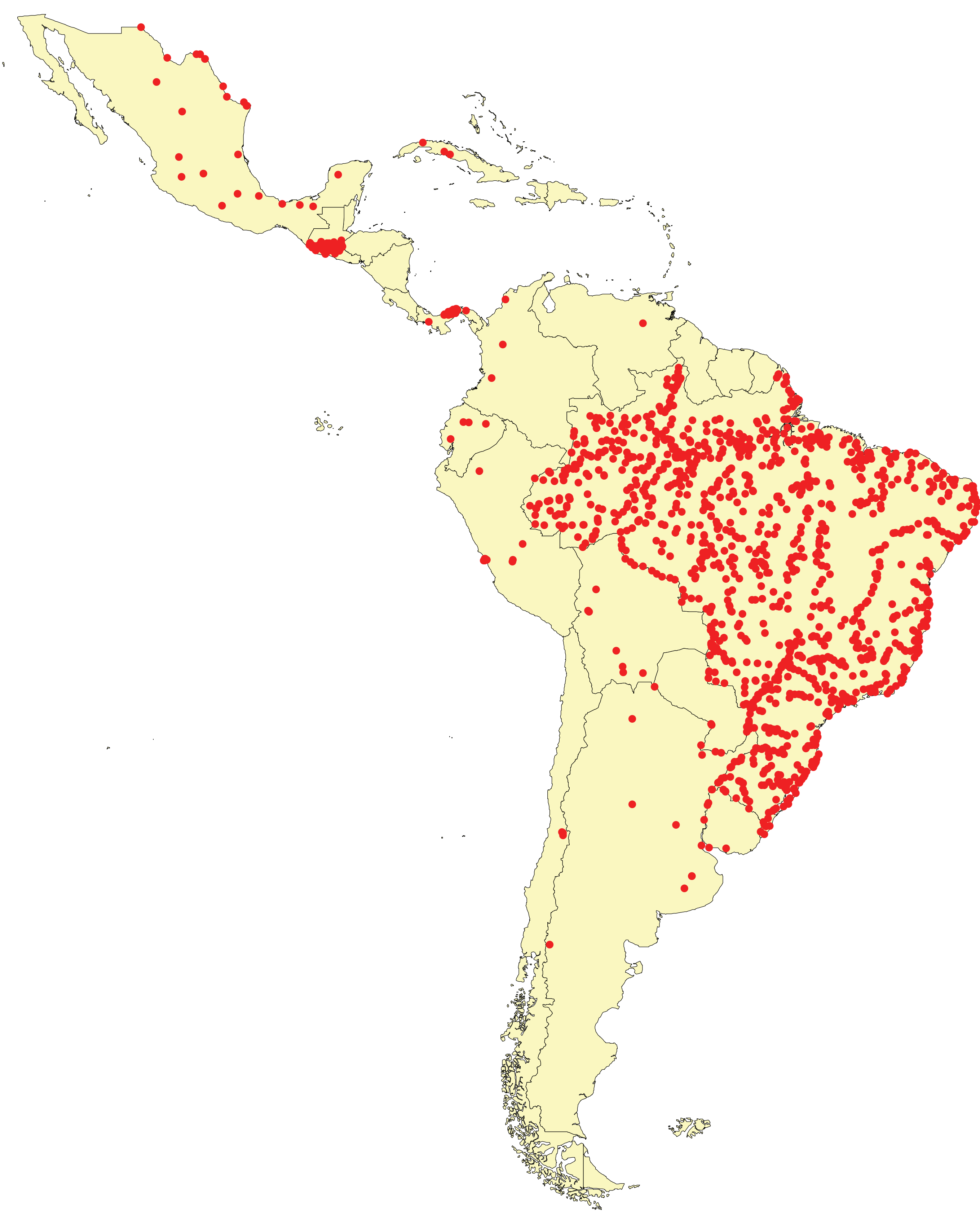


Figure 1. Latin American and Caribbean sampling points in GEMStat Database (Source: GEMStat).

## Challenges

Many LAC Countries do not have sufficiently trained staff to set up and maintain national water quality monitoring networks.

Few LAC Countries have provided water quality data to the GEMStat Database and the distribution of sampling points is uneven (Figure 1).



## Capacity Building Needs

- Design of water quality monitoring programs
- Data collection, analysis and management
- Information Systems
- Use of standardized methodologies

## Capacity Building Strategy

ANA in cooperation with the GEMS/Water Capacity Development Centre is developing two water quality training modules:

- Water Quality Monitoring
- Water Quality Assessment and Reporting

The training modules are scheduled for the second semester of 2016 and will be available in Spanish, Portuguese and English.

