



**World Meteorological Organization**  
Working together in weather, climate and water

# **Regional Capacities of NMHS in Forecasting of Priority Hazards**

**(Preliminary Results of the Questionnaire)**

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**WMO**

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**George Town, Cayman Islands**



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## **Preliminary Findings of the Survey**

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# Survey Responses to Section II: Hydrology

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7 responses to Section II of the survey

- 4 from the Caribbean (two from South America)
- 2 from Central America
- 1 from North America

Analysis of many of the Section II responses were inconclusive  
due to limited responses

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# Caribbean

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## **Observation and Monitoring**

- Incomplete information from the survey

## **Forecasting Capacities**

- One country indicated that they prepare hydrological forecasts (Visualization capacities?)

## **Modeling**

- Responses indicated modeling capacities vary extensively from none to full capacity

## **Education and Training**

- One of the three responses indicated that training is conducted

## **Regional Coordination and Collaboration**

- Caribbean Islands: No regional coordination / collaboration was indicated
  - South America: coordination / collaboration was indicated in the various basins
  - Central America: Some coordination and collaboration exists
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# Central America

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## **Observation and Monitoring**

- Good coverage and availability of observations (based on two replies)

## **Forecasting Capacities**

- One respondent country indicated full capacities for forecasting while the other had none

## **Modeling**

- Two responses indicated a need for improvement in modeling

## **Education and Training**

- Responses indicated that training programmes exist

## **Regional Coordination and Collaboration**

- Responses indicated that some regional coordination and collaboration exists



# North America & General

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- No forecasting capabilities were reported, very good observing and other capacities
  - Categories of the seven countries:
    - Caribbean: 7 category III
      - 1 category I
      - 2 category II
    - Central America: 1 category I
      - 1 category II
    - South America: 1 category I
    - North America: 1 category
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*Thank You*

