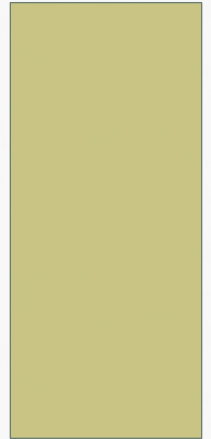




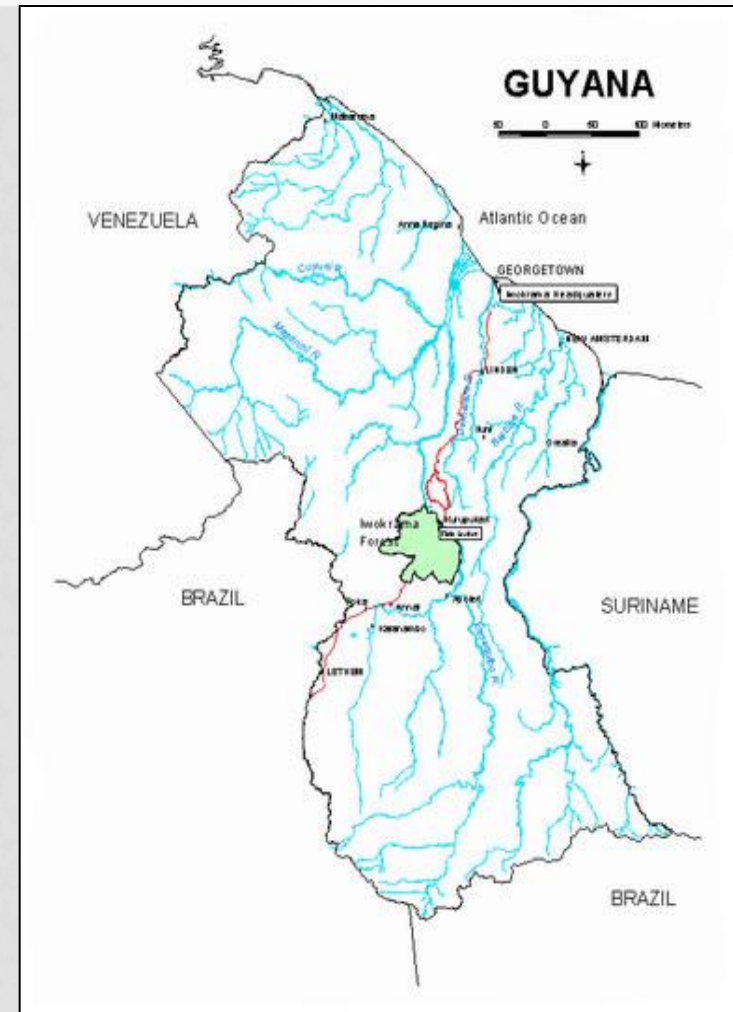
# TOPIC:

NAME: BRIDGET ROBERTS – SENIOR METEOROLOGICAL  
TECHNICIAN ( FORECASTER)  
COUNTRY: GUYANA



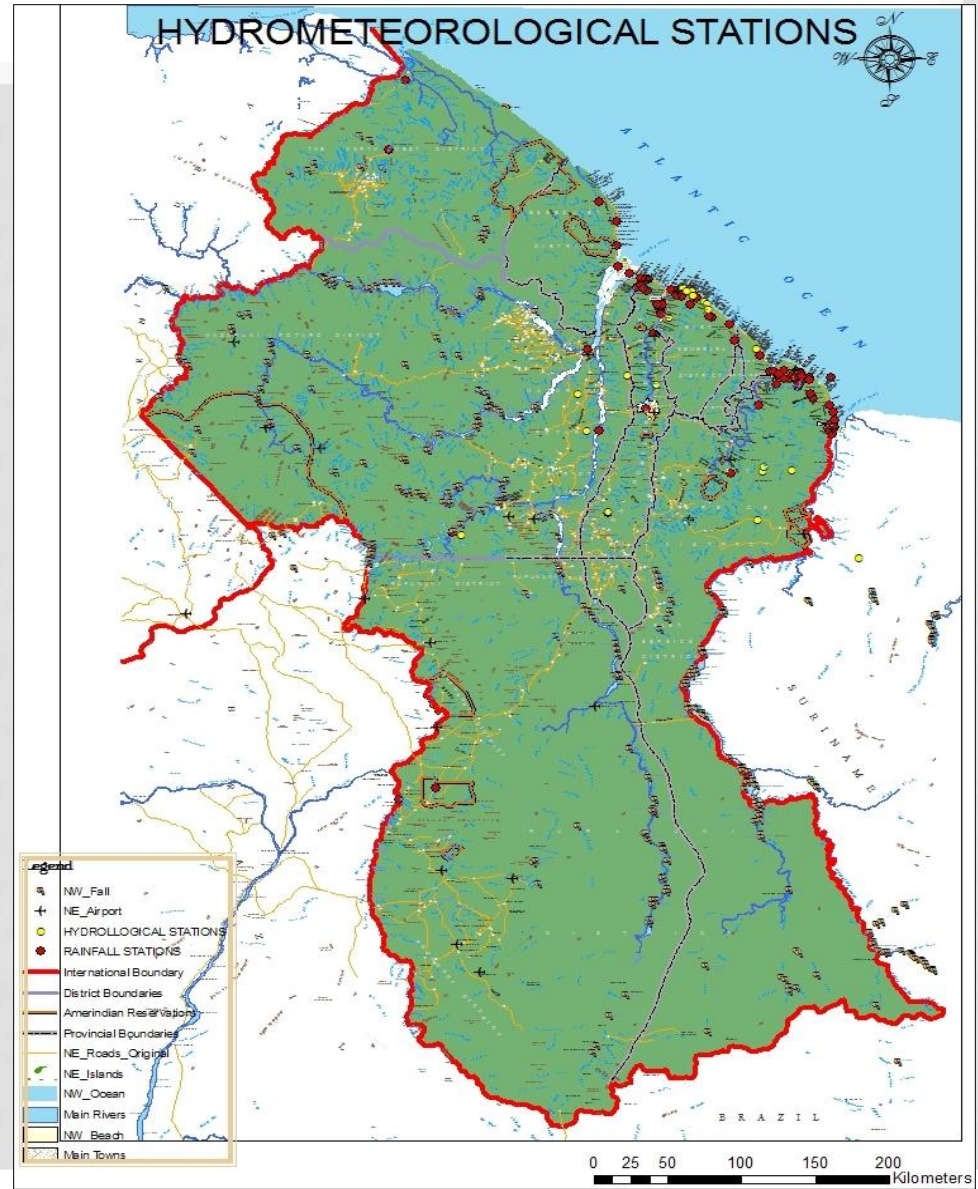
# GUYANA – “*LAND OF MANY WATERS*”

- situated in Northern South America and part of the Caribbean.
- borders the North Atlantic Ocean, between Surinam and Venezuela
- approximately 214,970 square kilometers.
- The country is situated between 1 and 9 north latitude and between 56 and 62 west longitude..
- The land comprises three main geographical zones: the coastal plain, the white sand belt, and the interior highlands.
- Six ethnic groups African, Indian, Chinese, Europeans, Amerindian and mixed race.
- Unique to Guyana is that we are the only English speaking country in South America and the only Caribbean nation on the mainland of South America.



# CLIMATE DATA COLLECTED

- 9 synoptic stations,
- 150 rainfall stations,
- 5 Climate Stations,
- 5 Automatic weather stations.
- 28 hydrological stations
- One Doppler Weather Radar Monitoring station



# CLIMATE VARIABLES COLLECTED

Rainfall	Temperatures	Evaporation	Wind	A/Pressure
	Sunshine			

- **Earliest rainfall data can be traced to 1880s**
- **Hard and softcopy database is mainly populated with rainfall, but includes other parameters such as temperatures, wind, sunshine etc.**



# CHALLENGES ENCOUNTERED

- **Insufficient staff within organisation**
- **A lack of strong analytical skills or interpretative capacity to make use of the models and data that is already available esp. in climatology**
- **Incomplete coverage of the observation network due largely to a lack of funding for staff to operate and maintain recording stations in remote locations**
- **Significant amount of data still needs to be rescued (meaning processed and digitized)**

# ANY ADDITIONAL INFORMATION

- **Guyana also works closely with regional centres including the Caribbean Community Climate Change Centre (CCCCC) to expand our automated monitoring network in remote and vulnerable areas.**