

## STUDIES CONDUCTED IN THE BMP THUS FAR

- **Impacts of Saltwater Intrusion on Warrau Agriculture in the Barima Mora Passage**
- **Socioeconomic status of crab catchers**
- **Water Quality of the Barima-Mora Passage**
- Bird Diversity of the Barima-Mora Passage
- Ichthyofaunal Assessment of the Barima-Mora Passage
- Heavy Metal Occurrence and Concentration in Bunduri Crabs (*Cardisoma guanhumi*) and Mangrove Crabs (*Ucides cordatus*) from Gold Mining Areas in Guyana
- The Warrau Canoe and the Maritime Cultural Landscape of Imbotero
- Medium and large mammals of the Barima Mora Passage

## BIOLOGICAL RESEARCH PRIORITIES

- **Mangrove sequestration value**
- **Factors affecting the morocut populations in the BMP**
- **The presence of microplastics in morocut**
- **Population density of the bunduri and bok crabs**
- **Presence of microplastics in crabs**
- The Different types of crab marches
- Mangrove ecosystem dynamics
- Fish diversity in the mangrove ecosystem
- Region 1's canopy survey using camera traps
- Turtle nesting research
- Anteaters population and behavioural study
- Jaguar and prey population dynamics and behavioural study
- Black chested tyrant and Belted King fisher nesting behaviour and population
- Scarlet ibis behaviour and population
- Flamingoes behaviour and population
- Non-mangrove inventory and population status
- Tortoise and population status
- Research on BMP biomarkers
- Research on acai

## PHYSICAL CHEMICAL RESEARCH PRIORITIES

- **A study of salt water intrusion and how it affects fresh water ecosystem**
- **A study of the impacts and outcomes of tidal change on estuaries**
- **Comprehensive vegetation mapping of the BMP**
- **Model potential impacts of oil pollution from local commercial vessels on BMP ecosystems using GIS**

- **A study of beach erosion and dynamics from 2000-2024**
- Siltation patterns of rivers and estuaries
- Baseline study on the current status and factors affecting the integrity of the Waini
- Sustainable harvest rates and methods for manicole harvesting
- Impact of upstream mining on water quality and aquatic diversity inside the PA
- Baseline study on the current factors affecting the health of riparian zones

## SOCIAL RESEARCH PRIORITIES

- **Economic properties and value of mangrove palm, wild honey and medicinal plants in the BMP**
- **Undertake ethno-botanical surveys to determine the use of plants by people, including medicinal plants**
- **Non-timber forest products of the BMP**
- **Warrau languages and traditions**
- **Wildlife trade and its impacts on wildlife populations in region 1**
- An assessment of Amerindian cultural places of importance and in areas surrounding the SBPA
- Wild meat trade and its impacts on wildlife populations in region 1
- Economic value of the SBPA and BMP and its resources to communities' livelihoods

## SCHOLARSHIP RESEARCH PRIORITIES

### *Biological*

- Factors affecting the morocut populations in the BMP
- The presence of microplastics in morocut and crabs

### *Social*

- Undertake ethno-botanical surveys to determine the use of plants by people, including medicinal plants

### *Physical and Chemical*

- A study of salt water intrusion and how it affects fresh water ecosystem
- A study of the impacts and outcomes of tidal change on estuaries