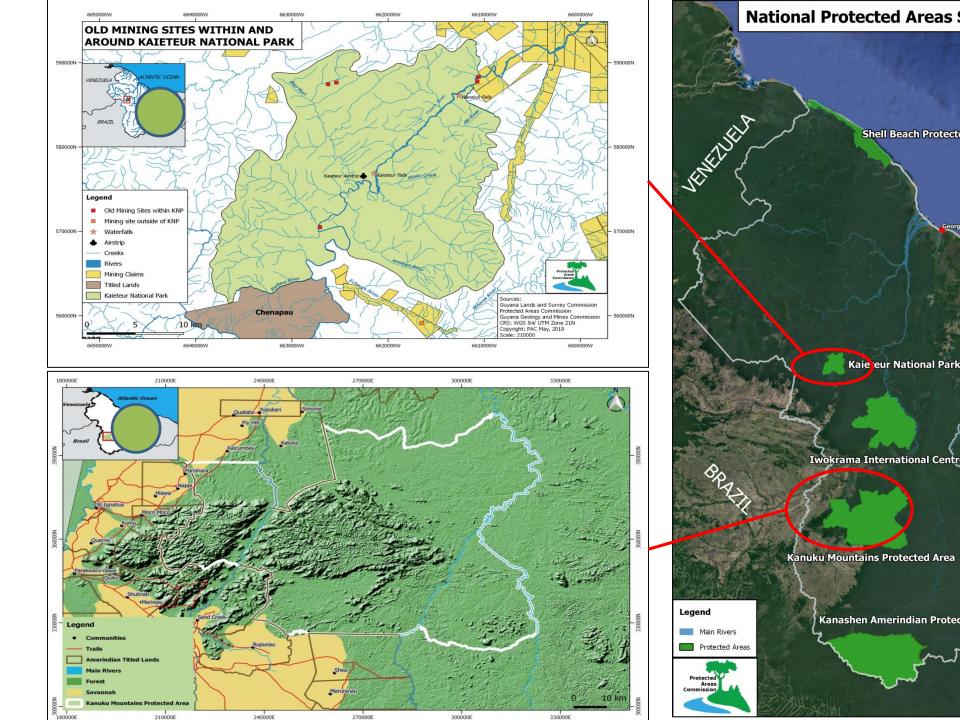
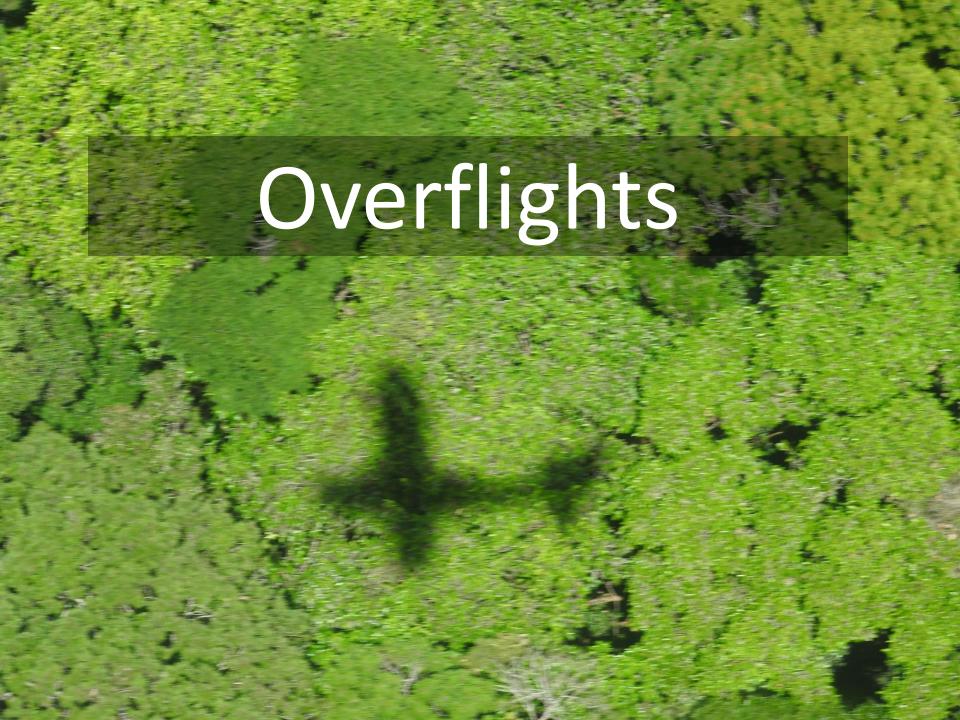


## Introduction

- Department responsible -> Ecological Treat
   Monitoring & Research
- Team involved -> EMR technical staff & rangers
- Developing and implementing monitoring protocols
  - Overflight protocols
  - Mercury & Water quality testing protocols
  - Ranger based patrols







# Information collected

	KAIETEUR NATIONAL PARK FLY-OVER DATA SHEET														
WP	Coordinates	Time	Area Description	Mining	Status	Machinery					Trails	Camp	Pers	Notes	
				Y/N	A/IA	E	D	Т	В	Α	Y/N	Y/N	#		



Coordination & location



Type of operation



No. of camps



Type of equipment



No. of individuals



**Trails** 



Size of operation



- Mercury test of;
  - Important fish species
  - Water sample
  - Sediment samples

**Currently analyzing results** 

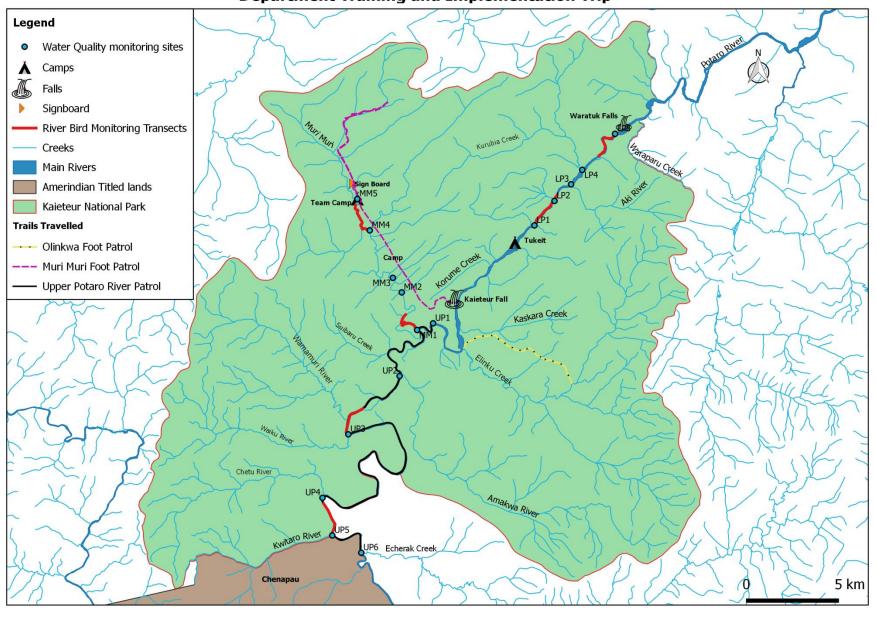
- Water quality testing
  - using Aqua Troll probe -> 18 parameters,
     specifically turbidity



Where?- Major rivers within the Protected Area, Why? - Effects of legal mining upstream



### Ranger Based Monitoring in Kaieteur National Park - EMR Department Training and Implementation Trip





# Process of address treats of illegal gold mining

#### 3. Analysis and reporting

Report is produced and submitted to PAC management

#### 4. Follow up

Contacting stakeholders and/or relevant authorities, (GGMC, GDF, etc)

#### 1. Report of incident

Ranger patrol or informal complaints

#### 2. Observation

Overflight, ground truthing and collection of data

## **Challenges**

- Remoteness and Inaccessibility
- Safety Issues
- Limited capacity
   & Resources
   (Financial and Human)

