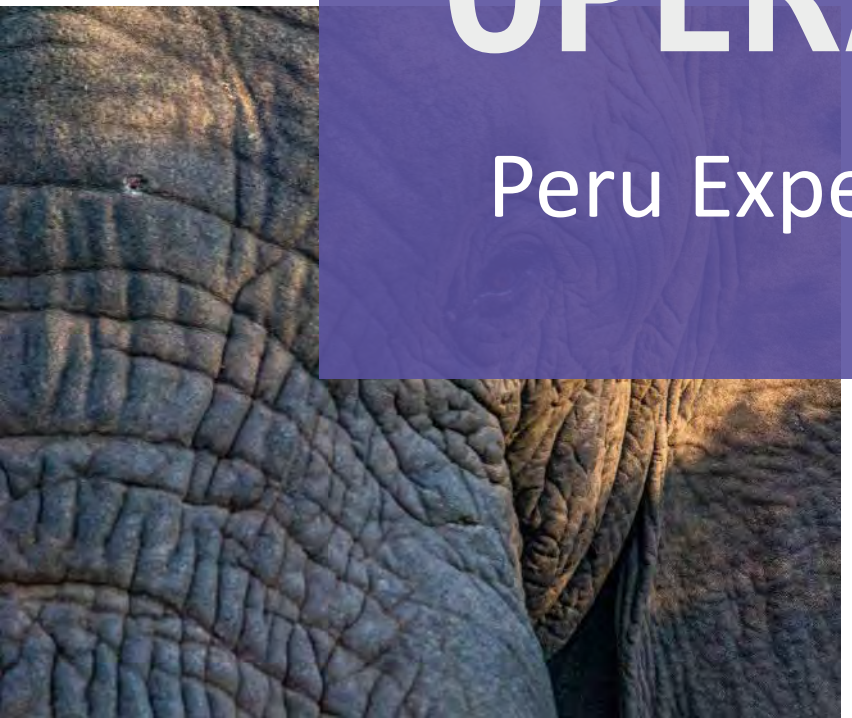




# OPERATION WALLACEA

## Peru Expedition: 9th July to 21st July 2028






# Peru

## OPERATION WALLACEA • CONSERVATION & FIELDWORK BIODIVERSITY EXPEDITIONS • FIELD COURSES







# ABOUT OPERATION WALLACEA

**1995**

Opwall took it's first expedition

**19**
**COUNTRIES**

Since then we have been able to collect data in 19 countries

**80+**
**NEW SPECIES TO SCIENCE**

Our results have found over 81 new species to science through this research

**740+**
**PAPERS PUBLISHED**

We currently have over 740 papers published, in journals including NATURE

**81 NEW SPECIES**
**Including:**

**52 INVERTEBRATES**

**11 PLANTS**

**3 FUNGI**

**AND**

**15 VERTEBRATES:**

- 4 birds
- 4 snakes
- 3 lizards
- 1 frog
- 1 salamander
- 1 shrew
- 1 bat

# WHAT WE DO

## WE HAVE STUDENTS JOIN US TO:

- Work with amazing scientists
- Take part in real research
- Understand what conservation and research are

## BRING RESEARCHERS TO AREAS:

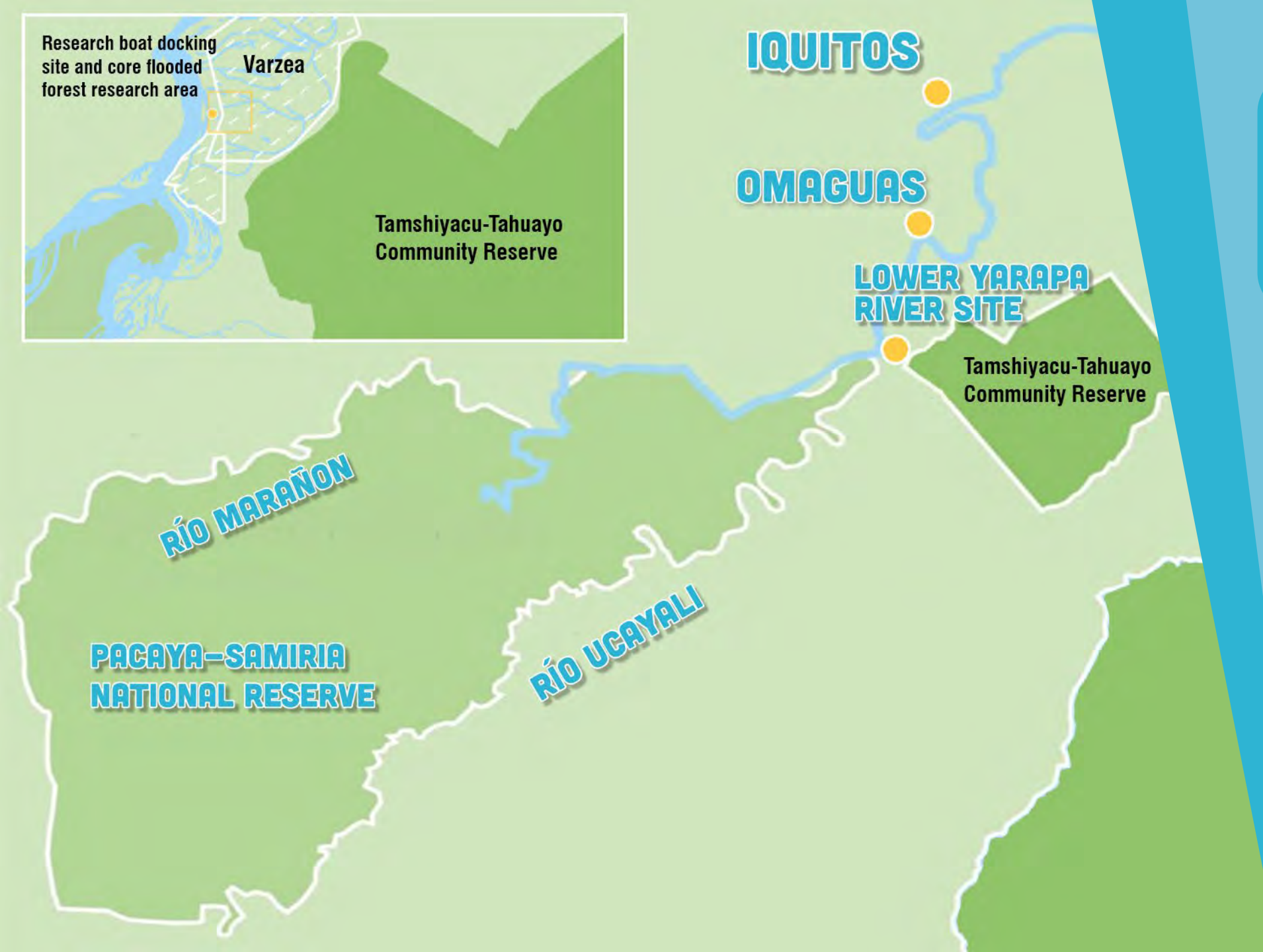
- That are vulnerable
- In need of protection
- Or have little known about them and the ecosystems they hold

## THIS ENABLES US TO USE OUR DATA FOR PUBLICATIONS TO:

- Work out the best conservation management goals
- Work with local authorities to make sure these areas where we study and the surrounding communities are protected

# OPWALL LOCATIONS






# Peru Sites

Where are the research sites located?

**Lower Yarapa River**

**Tamshiyacu-Tahuayo**

**Pacaya-Samiria**

# Peru

Why is this place so important?

**Iquitos – Gateway to the Amazon**

- The city is surrounded by the Amazon
- Former rubber boom city
- Not linked by road so you will need to fly or take a boat to reach it



# Peru

## Why is this place so important?

- The Amazon rainforest is the largest rainforest on Earth & encompasses seven million km² across eight countries
- Some of the greatest mammalian, avian, floral and fish diversity on earth
- Over 25 years of research within this area



# Peru

## Research Objectives

**What do we want to achieve?**

- Help with the conservation of Peruvian Amazon through science
- Work with local communities, to sustainably use resources
- Monitor the recovery of endangered species like river otters and jaguar



# Peru

## Research Objectives

**What do we want to achieve?**

- Monitor effects of climate change varzea (flooded forest)
- Contribute an extensive Amazonian data set



# Peru

## What will I be doing?

- 10-days on a historical rubber boat conducting surveys
- Take part in Amazonian ecology course
- Surveys including river dolphins and macaws



# Peru

## What will I be doing?

- Introduction to Biodiversity
- Amazon Biogeography
- Ecological Survey Methods
- Amazonian Fish
- Amphibians and reptiles
- Bird diversity and importance
- Rainforest mammals
- Conservation synthesis



# Peru

## What will I be doing?

- Learn about what is so important about research and conservation and what the data collected will achieve
- Exposure to a range of new skills

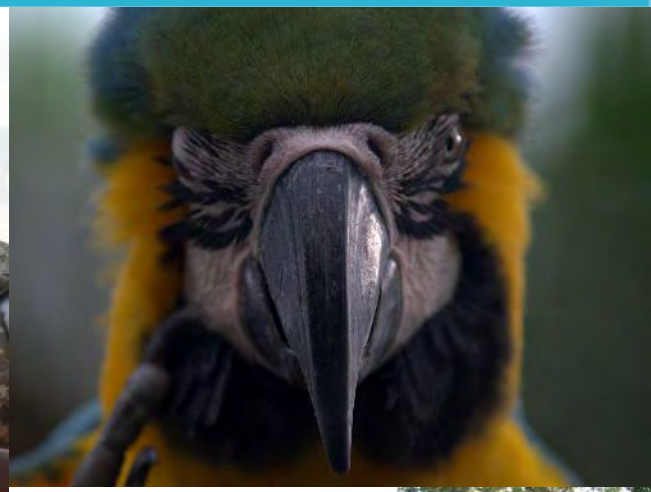


# Site Specific Surveys

Biodiversity terrestrial surveys • Macaw surveys and Wading bird survey









# Site Specific Surveys

## River dolphins and fish as resource species



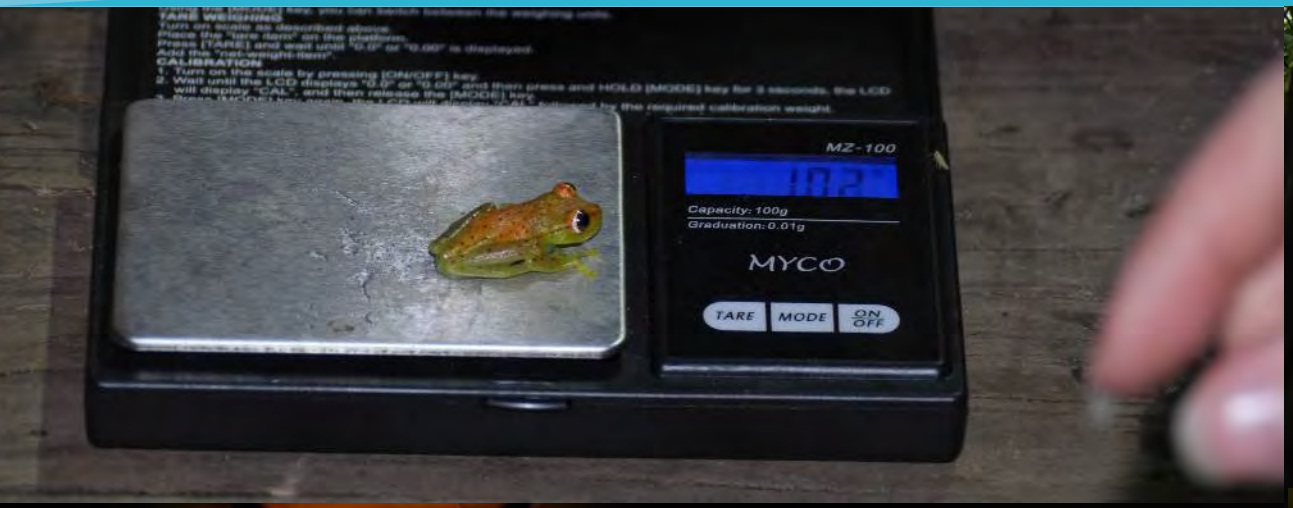






# Site Specific Surveys

## Amphibian population monitoring • Caiman surveys












# Community Engagement Activities





# Accommodation

## Historic Research Boats







# Finess for the field

- Not a major concern for Peru but it is hot and humid
- Surveys on auxiliary boats mostly but on land there is a lot of mud
- If you are fit, you will be able to enjoy it much more - so get out and go walking/hiking/swimming!



# Health & Safety

- Training of students in safety procedures
- Risk assessments and audits
- Communications
- Compliant with government safety standards
- Medical statistics published each year

INSPECTED Full Member epa EXPEDITION PROVIDERS ASSOCIATION

LOtC Quality Badge Council for Learning Outside the Classroom

BRITISH STANDARD BS8848 COMPLIANT



Operation Wallacea www.opwall.com

**Allergies**

Please inform us of any allergies as soon as possible

# Coursework & University Entry

- Lectures and practical's linked to the school curriculum
- Opportunities to use your expedition for school coursework (as an essay or using real data)
- University applications and interviews
- Visit **opwall.com** for more info



# Cost

- Expedition cost
- Travel and additional costs
- After the initial deposit is paid instalments can be made or monthly payments arranged
- School will provide specific costing information
- Estimated total cost = £3195



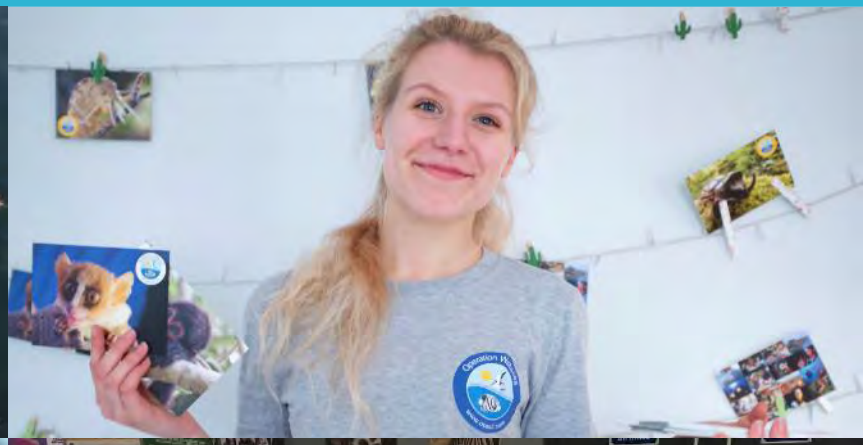
# Fundraising Support

**Full fundraising support available –**
fundraising@opwall.com

TURING SCHEME
The UK's global programme to study and work abroad














# Questions?




**Follow us on social media:**
**Facebook:** Operation Wallacea
**Instagram:** @operation_wallacea
**Twitter:** @opwall
**LinkedIn:** Operation Wallacea