

UCAM Field visit - November 2024

Schedule 1: 3rd - 22nd November

1. Biodiversity & Bioacoustics (EBA supported by JBA)

Biological inventory work for fauna and flora. At the same time, we will establish sites for placing remote recorders to obtain bioacoustic data. The main areas where we expect to conduct fieldwork include -

- Dry Woodlands (Rio Cachi) and Cloud Forests and nearby areas of dry scrub and woodland .
- Semi-humid woodlands on west facing slopes of the Sierra Razuhuillca.

Day 1/Sun 3 November. Arrive Huanta. Nt Huanta (most / all subsequent nights in Huanta)

Day 2/Mon 4 November. Planning / Presentation of field plans.

Day 3/Tue 5 November. Dry forest biodiversity fieldwork am. Six students. Jorge Lozano.
Afternoon work in the study room.

Day 4/Wed 6 November. Dry forest biodiversity fieldwork am. Six students. Jorge Lozano.
Afternoon work in the study room.

Day 5/Thurs 7 November. Dry forests. La Merced. Collected data in Jaci woodlands above village.

Day 6/Fri 8 November. Ecotourism. La Merced. Development of alternative ideas for agro-ecology. Six students, Milagros +.

Day 7/Sat 9 November. Toctococha visit with students. 53 students and six UNAH staff. Student presentations in the afternoon at Cinco Esquinas.

2. Agricultural land use and land cover (JBA supported by EBA)

Researching land use around Huanta and classifying it. Using ESA hyperspectral data, we intend to identify reflectance signals for Andean crops and land use in the lower Rio Cachi.

(NB.JBA's participation and expenses are entirely at UCAM's expense).

Day 8/Sun 10 November. Agroecology fieldwork. Visited semi-humid gullies south of Quinua.

Day 9/Mon 11 November. Group visit to Vilcashuaman. Relictual forests. Six students and Jorge Lozano.

Day 10/Tue 12 November. Vilcashuaman. Relictual forests. Six students & Jorge Lozano.

Day 11/Wed 13 November. Vilcashuaman. Relictual forests. Six students & Jorge Lozano.
Return to Huanta.

Day 12/Thurs 14 November. Meeting with Congressman - 8am. Talk. Discussing student projects. Planning fieldwork.

Day 13/Fri 15 November. Ecotourism. Visit to Vinchos. Six students. 2 members of staff.

Day 14/Sat 16 November. Bioacoustics field visit. 2 students.

Day 15/Sun 17 November. Bioacoustics field visit (AM).

Day 16/Mon 18 November. Visit to semi-humid gullies in upper Cachi - hummingbird field sites.

Day 17/Tue 19 November. Meetings with UCAM staff. Afternoon with students.

Day 18/Wed 20 November. EBA Conference participation. Afternoon with students.

Day 19/Thurs 21 November. JBA Conference participation. EBA with students all day.

Day 20/Fri 22 November. Laboratory work. (UNAH staff & students). Flights to Lima (EBA & JBA)

Schedule 2: 17th November – 2nd December

3. Hydrology (JFO)

Collecting water and sediment samples- to further develop the base line data sets for three discrete sub-catchments in the lower rio Cachi.

Day 1/Sun 17 November. Arrive Ayacucho airport. Transfer to Huanta. Nt.Huanta (& all subsequent nights).

Day 2/Mon 18 November. Prepare & calibrate field equipment. Agree student participation.

Day 3/Tues 19 November. Visit to Site RC01 to collect water, sediment & soil samples.

Day 4/Wed 20 November. Visit to Site Q1.1 to collect water, sediment & soil samples.

Day 5/Thurs 21 November. Conference participation.

Day 6/Fri 22 November. Conference participation. (PJN / JBA airport drop off)

Day 7/Sat 23 November. River workshop II (Statistical analysis of data with HLE).

Day 8/Sun 24 November. Visit to Site Q2.1 & Q2.2L1 to collect water, sediment & soil samples.

Day 9/Mon 25 November. Visit to Sites Q1.2N.M, Q1.2N.U & Q1.2S.M to collect water, sediment & soil samples.

Day 10/Tues 26 November. Visit to Site Q3.1 & RC02 to collect water, sediment & soil samples.

Day 11/Wed 27 November. Visit to Site Q3.2 to collect water, sediment & soil samples.

Day 12/Thurs 28 November. Visit to Site Q3.3L to collect water, sediment & soil samples.

Day 13/Fri 29 November. Visit to Site Q2.3L to collect water, sediment & soil samples. (HLE to airport).

Day 14/Sat 30 November. Visit to Site MH01 & other manantiales to collect water, sediment & soil samples.

Day 15/Sun 1 December. Preparation of water, sediment & soil samples.

Day 16/Mon 2 December. Stock check. Storage of equipment. Flight to Lima to drop off water samples to SGS.

Schedule 3: 17th – 29th November

4.Remote sensing (HL)

Day 1/Sun 17 November. Arrive Ayacucho airport. Transfer to Huanta. Nt Huanta (& all subsequent nights).

Day 2/Mon 18 November. Soils data analysis preparation in laboratory.

Day 3/Tue 19 November. Remote sensing related fieldwork.

Day 4/Wed 20 November. Conference participation. Remote sensing related fieldwork.

Day 5/Thur 21 November. Conference participation. Remote sensing related fieldwork.

Day 6/Fri 22 November. Conference participation. Remote sensing related fieldwork.

Day 7/Sat 23 November. River workshop II (Statistical analysis of data with JFO).

Day 8/Sun 24 November. Remote sensing related fieldwork.

Day 9/Mon 25 November. Remote sensing related fieldwork.

Day 10/Tue 26 November. Remote sensing related fieldwork.

Day 11/Wed 27 November. Remote sensing related fieldwork.

Day 12/Thur 28 November. Remote sensing related fieldwork.

Day 13/Fri 29 November. Flight to Lima to drop off water samples to SGS.

Schedule 4: 17th – 22nd November

5.Naturally occurring Microstructures.

Day 1/Sun 17 November. Arrive Ayacucho airport. Transfer to Huanta. Nt Huanta (& all subsequent nights).

Day 2/Mon 18 November. Laboratory work. (PN, JP + UNAH staff & students)

Day 3/Tue 19 November. Laboratory work. (PN, JP + UNAH staff & students)

Day 4/Wed 20 November. Conference participation. Laboratory work. (PN, JP + UNAH staff & students)

Day 5/Thur 21 November. Conference participation. Laboratory work. (PN, JP+ UNAH staff & students)

Day 6/Fri 22 November. Laboratory work. (PN, JP+ UNAH staff & students). Flight to Lima.

Schedule 5: 4-22nd November (LSV)

6. Soils and sediments.

This work is intended to develop our work on sediments. We hope the ICP-MS equipment will be operational for this visit. If not, laboratory practice and methodology will be the principal activity: including supervision of student projects and treatment of samples. A talk will also be delivered dealing with issues of organising projects and research methodology.

Day 1/Wed 6 November. Arrive Huanta.

Day 2/Thurs 7 November. Laboratory work (ICP-MS).

Day 3/Fri 8 November. Laboratory work (ICP-MS).

Day 4/Sat 9 November. Laboratory work (ICP-MS).

Day 5/Sun 10 November. Talk I (with students).

Day 6/Mon 11 November. Laboratory work (ICP-MS).

Day 7/Tue 12 November. Transfer to Lima.

Day 8/Mon 18 November. Return to Huanta. Laboratory work (ICP-MS).

Day 9/Tues 19 November. Laboratory work (ICP-MS).

Day 10/Wed 20 November. Conference participation.

Day 11/Thurs 21 November. Laboratory and supervising students.

Day 12/Fri 22 November. Laboratory work (ICP-MS). Return to Lima.

Day 13/Mon 25 November. Laboratory work at UNMSM with students.

Day 14/Tues 26 November. Laboratory work at UNMSM with students.

Day 15/Wed 27 November. Laboratory work at UNMSM with students.

Day 16/Thurs 28 November. Laboratory work at UNMSM with students.

Day 17/Fri 29 November. Laboratory work at UNMSM with students.

Day 18/Sat 30 November. Laboratory work at UNMSM with students.

UNAH Conference.

Wed 20 November. Conference (LSV & EBA).

Thurs 21 November. Conference (PNE & JBA).

Fri 22 November. Conference (HLE & JFO).