



WRB Excursion – Peru 2025. Titicaca Lake to Amazon soil catena

Third Circular – January 2025

Dates

- ✚ Arrival to Juliaca airport. **Sunday 10 august 2025**
(to be arranged by each participant)
- ✚ Field trip. **Monday 11 august 2025 to Saturday 16 august 2025** (bus)
- ✚ Departure from Juliaca airport **Sunday 17 august 2025**

How to arrive to Puno

From the Jorge Chávez International Airport (LIM) in Lima – Peru you can take a flight to the Inca Manco Cápac International Airport (JUL) in the city of Juliaca.



Link lima airport: <https://www.lima-airport.com/>



Link Juliaca airport: <https://aap.com.pe/sedes/juliaca/>

From the Inca Manco Cápac airport you can take a tourist or collective transportation (cost 10 to 20 USD) to the city of Puno at the airport exit, which is available upon the arrival of each flight.

Programme

The WRB Peru field trip is organized to visit a soil Catena from Puno high plateau (3800m.a.s.l) to Madre de Dios Region in the Peruvian Amazon Jungle (130 m.a.s.l), from cold and dry high mountains with a glacial landscape nearly to 4900 m.a.s.l. Many soils are formed from glacial, alluvial, colluvial and lacustrine deposits with salts, carbonates and high bases lixiviation processes under variety of climatic conditions from 5°C to 25 °C. It is the opportunity to know the Aymara and Quechua Prehispanic culture, traditions and monuments in the cradle of the Inca empire.

The reference soil group will be visited in the excursion include Umbrisols, Regosol, Cambisol, Alisol, Stagnosols, Gleysols, Solonchaks, Phaenzems, Fluvisols. Visit the zone around the Titicaca Lake and Titicaca islands soils combined to Amazonas catchment soil catena.

Schedule

Day	Region	T °C	Activities	Profiles	Sleep in
Monday 11 (Day 1)	Puno – Julica in the Puno plateau	16	Circunlacustrine Titicaca Lake soils, affected by salts and black soils	3	Azangaro
Tuesday 12 (Day 2)	Macusani and Ollachea	16	Soils under glacial deposits, high Andean mountains and ancient agriculture practices (Chacras) and alluvial terraces	4	San Gaban
Wednesday 13 (Day 3)	Puerto Maldonado	25	Alluvial amazon soils and hill slopes	3	Puerto Maldonado
Thursday 14 (Day 4)	Madre de Dios River	25	Boat tour along this tributary of the Amazon River and via the city of Manaus, marked by the history of rubber exploitation	2	
Friday 15 (Day 5)	Return to Puno				Puno
Saturday 16 (Day 6)	Titicaca Islands	16	Boat tour of the islands of Lake Titicaca, the Aymara culture and the soils of the Uros and the islands of the lake.	2	Puno
Total soil profiles					14

The soil catena is located in southeastern Peru between the departments of Puno and Madre de Dios, the transect covering a linear extension of 610 km. **Occasional rainfall may occur during the trip.**



Accommodation and meals

The people will be lodging in the hotels one night in Azangaro city in the Puno high plateau, one night in San Gaban city in the amazon Jungle, one night in Puerto Maldonado city in the Madre de Dios region, two nights in Puno city near to the Titicaca Lake, either single or double occupation.

Breakfast and dinner will be served in the hotels, picnic lunches will be provided in the field, please if do you have special dietary of food requirements inform to the organization at the moment of your inscription.

! Important!
For older people and people with physical problems, cardiovascular problems, or any other ailment, consult with your doctor as you will ascend to heights close to 4900 m. It is recommended not to do it if you have any health impairment.

Transport

We will drive about 1000 km by bus for 30 people, besides a support vehicle from University of Altiplano in Puno.

Excursion guide

It will be provided to all participants, consist in soil profile description with physic chemical and morphological analyses, some profiles have a micromorphological characterization, all of them have a completely classification according to World Reference base for soil resources (2022) and Key to soil taxonomy (2022).

Excursion fees

Single room occupation 1000 USD (Included taxes). In San Gaban and Azangaro cities it's no possible the accommodation in a single room, because they are a small town and the hotels are scarce (We are apologized).

Double room occupation 800 USD (Included taxes) in the Shared room.

The excursion Includes transportation from Puno to Madre de Dios and back, accommodation in a room from 11 to 16 August 2023, as well as full meals until 16 (return

day) and breakfast 17 of August. It also includes a closing dinner, boat field trips and excursion material. If you have any dietary preferences, allergies to any food, vegetarian, vegan, etc.; Please inform the organization at the time of registration for this activity.

Fee should be paid to

Current account CCME : 000-5148145
Swift : BSUDPEPL
Name : UNIVERSIDAD NACIONAL DEL ALTIPLANO PUNO
Name of the bank : Scotiabank Peru SAA

Once completed, please send copy of transfer to email: ssardon@unap.edu.pe, whit with complete data (for invoice) for issuance, in addition, your nationality and passport number.

Expression of interest

Please send the following form:

<https://forms.gle/LGbuArb248VvmFKL7>

until February 28, 2025.

The number of places is limited (30 people in total), in case of overbooking, the criteria for selection of participants will be the following:

- ✚ First: Tour organizers and IUSS officers related to WRB.
- ✚ Second: PhD and Master students 8 places (25% of the total).
- ✚ People who made a significant and major contribution to WRB or its translation.
- ✚ Active members of the academic staff of a universities or governmental scientific organizations.
- ✚ All others.

If necessary, the waiting list will be created (it was useful in the past, due to resignations of the initially accepted participants).

The final decision on the participants will be done by the excursion leaders and the Chair of IUSS Working Group World Reference Base, and will be release by **March 15, 2025**.

The fee payment is required until **May 31, 2025**.

Local coordinators

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