



RIO18
21st World Congress
of Soil Science

21 WORLD CONGRESS OF SOIL SCIENCE

August 12-17, 2018

Rio de Janeiro, Brazil

Rio de Janeiro August | 12 - 17

SOILS AND LANDSCAPES IN AGROECOLOGICAL TRANSITION WITHIN THE ATLANTIC FOREST BIOME

Summary: The tour will leave from Rio early Saturday morning, taking the road to Juiz de Fora, with a stop on Serra de Petropolis to discuss geology, geomorphology, soils and its history of land use and occupation. Next we will visit an Agrarian Reform Rural Settlement near Juiz de Fora, where we will have lunch. Then, we will head to Viçosa and visit the University. Participants will have dinner and overnight in a hotel in Viçosa. The second day will begin with breakfast at the hotel and then move on to Araponga for an immersion in family farms that grow coffee (and much more) and that have been in agroecological transition since 1993. Lunch will be in a local rural school (EFA Puris). In the afternoon, we will visit another farm, with a trek to the top of the “Pedra Redonda” mountain. Our overnight will be in a hotel in downtown Araponga. On the third day, we will visit the Serra do Brigadeiro State Park in the Atlantic Forest. There we will get to know the history and other general information about the park and have the option of a 1½ or 3 h walk. After lunch, we will visit the east side of the Park, with two stops to discuss geomorphology and geology, observing the landscape and the “Pedra do Pato” rock outcrop, and end up at the “Cachoeira do Piu” waterfall. Finally, we will return to Viçosa, where a cultural farewell in a local NGO will end the official Tour. We will overnight in a hotel in downtown Viçosa. The last day is for travel back to Rio. It is possible to go further on to Belo Horizonte to visit the Inhotim Contemporary Art Museum (close to Belo Horizonte), but this is an extra package. Participants who choose to go to Inhotim may schedule their return trips to home countries with departure from Belo Horizonte.

Period:

Post event; 18-21 August, 2018; 908 km

Guides:

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Attention:

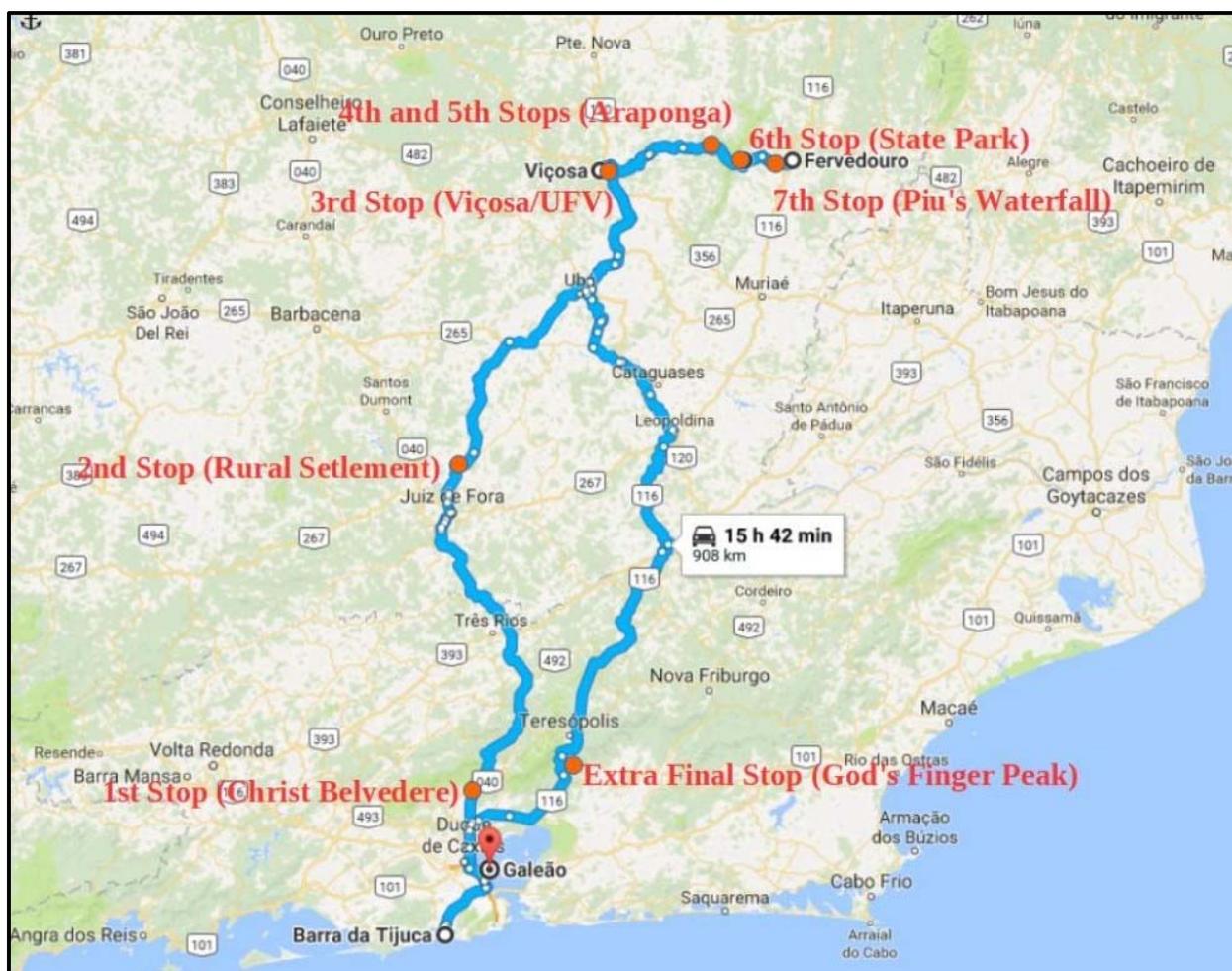
All participants are responsible for their own arrival at the meeting point where the tour will begin on time (7:00 am); We recommend you be prepared for the winter. Bring clothes bearing in mind that it will be in August, the middle of the winter season in Brazil; The use of clothes suitable for trekking activities is necessary (hat, adequate shoes, light-weight clothing, sunscreen and sunglasses), as well as water to remain hydrated; Comfort or fancy accommodations are not a priority during the Tour; Enjoy, ask questions, make proposals, catch your breath, tell stories, and take home products, pictures and inspiration; We suggest that participants in this post-Congress Tour schedule their trips back home after 3:00 pm on Tuesday from Rio de Janeiro International Airport – Galeão.

Itinerary:

Day/Month	Description
18/08 Saturday	<p><i>Morning:</i> departure from Rio de Janeiro, passing through the mountains and stopping on Serra de Petropolis. We continue on to Juiz de Fora to the Dênis Gonçalves rural settlement, where we will have lunch (1º. Stop).</p> <p><i>Afternoon:</i> visit to the settlement, addressing aspects of land use, soil conservation, management in agriculture, geology, soil and geomorphological formations (2º. Stop). Then, we proceed to Viçosa, with a quick visit to the campus of the Federal University (UFV) and then to the Alfa Hotel to rest (3º. Stop).</p>
19/08 Sunday	<p><i>Morning:</i> breakfast at the hotel and departure to Araponga to an agroecological farm for a technical visit. The proposal is to discuss soil conservation, with a presentation of family history, the management they perform and the conservation practices they apply. It is a region of deep and very weathered soils. We will visit the crop area and observe the soil profile to discuss conservation aspects (4º. Stop).</p> <p><i>Lunch:</i> near the property, food will be available at the Farm Family School (EFA – Puris).</p> <p><i>Afternoon:</i> We will go to the Round Rock (“Pedra Redonda”) community and visit the farm of Samuel and Roseli, where we will get to know another conservation experience in agriculture in an area of more recent and shallower soils. We will climb the stone in a light walk to view the landscape and discuss the geomorphology of the coffee region and the influence of conservation on agriculture (5º. Stop).</p> <p><i>Night:</i> Return to downtown Araponga, with dinner and rest in the hotel.</p>
20/08 Monday	<p><i>Morning:</i> breakfast at the hotel and departure to Serra do Brigadeiro State Park (6º. Stop). There we will visit the structure, addressing the process of setting up the park and the relationship with the surrounding communities; we will tour the built-up area and facilities, and finally we will walk along different forest trails of differing degrees of difficulty.</p> <p><i>Lunch:</i> In the State Park itself.</p> <p><i>Afternoon:</i> We will cross through the coastal park, with a stop at the lookout, where we will address the question of geomorphology, and in a</p>

	<p>stop at the Pedra do Pato, discuss geology. Then we will continue to the Piu waterfall for a final activity of relaxation in the Tour, with a snack (7° Stop).</p> <p><i>Night:</i> We return to the hotel to freshen up and end with a small party at the NGO - Alternative Technologies Center (CTA), where there will be a photo exhibition of local works and a celebration with a local cultural presentation.</p>
21/08 Tuesday	Morning: Breakfast at the hotel and then the trip back to Rio de Janeiro, passing through Terezópolis (extra final stop).

Travel map:



Cost per person: US\$ 500

Tour includes: Bus transportation, accommodations and meals, staff for assistance and guide with descriptions, translation, and all the logistics.

Group: 10-15 people. If we don't reach the minimum number of participants, the excursion will not take place and payment will be refunded.

Accommodation:

Day	Hotel
18/08	Viçosa: Alfa Hotel
19/08	Araponga: Pousada Dias Felizes ("Happy Days Inn")
20/08	Viçosa: Alfa Hotel

Places to be visited

18 August – Saturday 18 August – Saturday



Christ Lookout, Petrópolis

The purpose of the stop is to observe the mountain landscape and discuss soil formation, geomorphology, geology and land use and occupation.



Dênis Gonçalves Rural Assessment

The purpose of the stop is to discuss land use and occupation, agricultural production, soils and geomorphology, conventional soil mapping, digital soil mapping and Agrarian Reform in an old farm, which included a large coffee farm in the XIX century, with the labor of more than 300 slaves at the time.



In Viçosa, at the end of the first day, we will visit the Federal University of Viçosa - UFV, one of the most distinguished institutions for training of agricultural scientists and development of studies in the various areas of soil research. It will be a time to visit museums, libraries, departments, historic buildings and campus areas where academic activities are developed. This visit is relevant as it embodies the context of the rest of the trip.

19 August – Sunday



Municipality of Araponga, MG, within the mining area, where the main agricultural uses are coffee and pastures, with subsistence farming practices. Soil conservation is a strategic management practice and we will get to know a family farm that manages its area within the perspective of conservation.

August 20th – Monday



The purpose of the stop at Serra do Brigadeiro State Park is to provide Congress participants with the opportunity to visit a conservation unit of great importance in the region and discuss how it was created. The history of the Park will be presented, and we will visit its structures. The Park's interpretive trails will be divided into two groups, advanced and basic. They will provide an experience in the Atlantic Forest and cover the soils of the region.





The next stop is still inside the park but on the east side, already in the municipality of Fervedouro. We will observe the landscape from the belvedere, and then rock formations, like the "Pedra do Pato", in that location. To close, we will visit the "Pio" Waterfall as a time to celebrate the trip and provide a moment of relaxation in nature. After that, we will return to Viçosa, MG, where there will be dinner and a small party at the NGO - Alternative Technologies Center – CTA (www.ctazm.org.br) as a farewell.