

First International Course on Field Geoarchaeology from Northwest Argentina

GEOARCHAEOLOGY FROM CALCHAQUÍES VALLEYS



PROFESSORS

Dr. María Marta Sampietro Vattuone (Laboratory of Geoarchaeology –
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With the collaboration of:

Dr. Jimena Roldán (Laboratory of Geoarchaeology; CONICET)

Dr. Gabriela Aguirre (Laboratory of Geoarchaeology; CONICET)

Dates: 4 – 6 August 2016

Organized by:

**Laboratorio de Geoarqueología (National University of Tucumán - Argentina);
Departamento de Geografía y Ordenación del Territorio (Zaragoza University - Spain);
XIX Congreso Nacional de Arqueología Argentina**

Sponsored by:



For further information please contact: Dr. M. M. Sampietro - sampietro@tucbbs.com.ar

ITINERARY AND PROGRAM

4th August, 2016 TAFI VALLEY

Departure from Natural Sciences Faculty – National University of Tucumán – Argentina.

La Angostura at Tafi Valley: Geological introduction, general geomorphology, and archaeology of Tafi Valley (Formative and Regional Developments periods). Holocene levels recognizance at La Angostura stream. Discussion about available and potential features from semiarid environment for the reconstruction of evolutionary processes. Climate/man relationships. Landscape recognition of functional processes and their genesis.



Lunch at El Mollar square. Visit to Los Menhires Archaeological Reservation (we will see several stone steles from Tafi culture and we will talk about their history).



Visit to Casas Viejas archaeological site (Formative period). Walk to the apex of the alluvial fan and visit to the Montículo (ritual prehispanic mound). Fluvial dynamics analysis and the alluvial fans levels. Their importance for human settlements. Agricultural terraces and Prehispanic agriculture. Prehispanic soil management.



Tafi del Valle village.

Typical dinner.

5th August, 2016 TAFI AND SANTA MARIA VALLEYS

Breakfast.

Ojo de Agua Cemetery (Tafí Valley).
 Geoarchaeological and paleoenvironmental records. Geoarchaeological model of the Tafí Valley and its importance as territorial reconstructive tool. Human occupations and their impact over landscape.



Panoramic view of Tafí Valley and Blanco River alluvial fan. Blanco River alluvial evolution and human occupations. Agricultural features.

Formative residential unit at Carapunco. Debris flow deposits and human occupations.

Panoramic of Santa María valley from Ampimpa balcony. General geology and geomorphology.

El Paso, Valle de Santa María. Agricultural occupations of Santa Maria Valley. Site formation processes and distribution over landscape.



Lunch at Quilmes Bajo.

El Pichao. Quaternary levels and geomorphology at El Pichao alluvial fan. The dynamic of fluvial channels and bars and their impact over human settlements. Geological hazards and archaeological heritage conservation.



Bridge over El Arbolar River. General view of the alluvial fans of Colalao del Valle (East side of Quilmes Ranges). Panoramic of Cumbres Calchaquíes. Agricultural sites and soil management of their piedmont.

Cafayate Village.

Typical dinner.

6th August, 2016 SANTA MARIA VALLEY

Breakfast.

Las Conchas River Canyon. General geology and geomorphology. Natural hazards, landslides, lacustrine dams and human implications. The human occupations around Cafayate.



Bridge over Santa María River (National Road 68). Fluvial and aeolian dynamics of Santa María River. Paleoenvironmental reconstruction from OSL datings at the Cafayate depression: Climatic oscillations and anthropic influences over the last millennium.



Tolombón road. Desert varnishes and rock art. Human settlements and dunarian environment.



Lunch at Corral de Piedras – El Bañado.

Visit to Quilmes archaeological site. Historical context, archaeology and geomorphology.

Arrival to Natural Sciences Faculty at San Miguel de Tucumán.

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Field trip itinerary – 4–6 August 2016. Northwest Argentina.