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Facoltà di Agraria
Ancona



Two days of soil



March 10-11, 2009

Faculty of Agriculture, Ancona, Italy

Will be with us

Dr. David C. Weindorf Professor of Soil Classification and Land Use (LSU AgCenter)

Beatrix J. Haggard LSU Graduate Student

Stephanie L. Johnson LSU Graduate Student



Gypsy persons (*Roma* ethnic) working a saline Mollisol from Transilvanian Plateau (Romania). Salinity is due to the presence in soil of sea salt sedimented about $13.5 \cdot 10^6$ years ago.

Tuesday 10 March, 2009 - field trip

8.30 a.m. *Rocca Priora*: agricultural soils instrumented with lysimeters, soil moist-meters and probes to collect telluric CO₂

Afternoon: *Valleremita*: soils developed from an outcrop of grèzes litées (frost shattered limestone) dating back to climatic cycles of cold-warm happened during the last phases of the Würm glaciation

Wednesday 11 March, 2009 - short field trip

9.00 a.m. *Agugliano*: agricultural soils instrumented with lysimeters, probes to collect telluric CO₂ and Gerlach lysimeters for the sampling of runoff water-rain

Wednesday 11 March, 2009 - Seminars

15.00 p.m. - speeches devoted to PhD students and young soil scientists

David C. Weindorf: **New technologies in field soil survey**

Beatrix J. Haggard: **Soil morphology and temperature regimes of the Transylvanian Plain, Romania**

Stephanie L. Johnson: **High resolution soil survey of Capulin Volcano National Monument, New Mexico, USA**

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