



EGU

Media Tips

24 April 2005

EGU General Assembly 2005

What:

Soil water erosion in rural areas

Where:

Thursday, 28/4, 08:30 – 17:00 – Lecture Room 22

Who:

Artemi Cerdà* (convenor)

Rural areas are affected worldwide by land use changes. Deforestation, wild-fire, overgrazing, agriculture with intense ploughing and chemicals, road and railway construction, urbanisation, climate change and global change are threatening the soil quality and function in developed and underdeveloped countries.

Soil is the most fundamental resource for (i) adequate food supply, (ii) water resources, (iii) carbon sequestration, (iv) natural vegetation and fauna that depend on productive land. Soil water erosion is threatening natural and cultural environments. The session on Soil Erosion in Rural Areas (SERA) will discuss topics on soil degradation, past and present erosion processes, experimental and laboratory studies, assessment, prediction and conservation policies.

Some interesting papers in this session:

[EGU05-A-07047](#); Shakesby, R. A. Soil erosion by water following wildfire: a state of the art review.

[EGU05-A-00608](#); Robichaud, P.; Elliot, W.; Pierson, F.; Wogemuth, P. Modeling soil erosion and mitigation after fires.

[EGU05-A-03177](#); Kertész, Á. Conventional and conservation tillage from pedological and ecological aspects, the SOWAP project.

[EGU05-A-02679](#); Lange, J. Runoff generation in a Mediterranean area: experiments and dominating processes across spatial scales.

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SESSION: **SSS10 Soil water erosion on rural areas**. Thursday, 28/4, 08:30 – 17:00 – Lecture Room 22.

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