



Dear Colleague,

we are pleased to inform you that the Call-for-Abstracts programme of the **Eurosoil 2012 (Bari, Italy, 02 - 06 July 2012)** is now open.

On behalf of the Programme Committee, we cordially invite you to submit abstracts to the session: "**Mechanisms of C stabilization and sequestration in soils**" (Topic Soil Organic Matter, Session **S7.7**).

The deadline for the submission of abstracts is October 10, 2012.

The description of the Session can be found at http://www.eurosoil2012.eu/d/37/7.Soil_Organic_Matter/

Abstract Submission

Any interested person is cordially invited to submit abstract(s) for scientific symposia and workshops included in the Congress Programme.

English is the official Congress and Abstract language. Abstract(s) submission for oral or poster presentations is possible only on-line using the format posted together with relevant instructions on the special window "Call for Abstracts" on the Congress website (www.eurosoil2012.eu/d/6/Call_for_Abstracts/). If you have problems with the on-line submission, e-mail your Abstract as an attachment file to the Organizing Secretariat (info@eurosoil2012.eu).

You will be requested to indicate the symposium or workshop preferred for your presentation and your preference for an oral or poster presentation. Your Abstract will be sent to the Convener of your preferred symposium or workshop for its evaluation and oral/poster allocation. If the Convener considers the Abstract not to fit in the topic of that symposium or workshop, the Abstract will be returned to the organizing Committee who will allocate it into a more appropriate symposium or workshop, and inform you. The time available for oral presentations is limited, thus, if you submit an Abstract for oral presentation and it is refused as such, it will be moved to the poster session. However, before final acceptance as a poster, your confirmation will be requested.

Authors will be notified in due time (maximum by the end of November 2011) regarding acceptance of Abstracts and assignment of presentation (oral or poster) to the specific symposium or workshop.

We hope that we can stimulate your interest in Session S7.7, and we are looking forward to receive your contribution!

Kind regards,
the conveners

Cesar Plaza, Claudio Marzadori, Manuel Tejada and Claudio Zaccaro



4th International Congress EUROSOIL 2012

“Soil Science for the Benefit for the Mankind and Environment”

Bari, Italy, 02 - 06 July 2012

<http://www.eurosoil2012.eu/>

Topic: **Soil Organic Matter**

Session: **S7.7.**

“**Mechanisms of C stabilization and sequestration in soils**”

Soil organic matter (SOM) is well known to exert a great influence on physical, chemical, and biological soil properties, thus playing a very important role in agronomic production and environmental quality.

Globally, SOM represents the largest terrestrial organic C stock (approximately twice as large as the total C in the atmosphere), which can have significant impacts on atmospheric CO₂ concentrations and thereby on the climate. The changes in soil organic C content are the result of the balance of inputs and losses, which strongly depends on the processes of organic C stabilization and protection from decomposition in the soil.

This session will provide a forum for discussion of recent studies on the stabilization and sequestration mechanisms of organic C in soils, covering any physical, chemical, and biological aspects related to the selective preservation and formation of recalcitrant organic compounds (e.g., humic substances and black C), occlusion by macro and microaggregation, and chemical interaction with soil mineral particles and metal ions.

Convener:

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Co-conveners:

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