



Status from June 19, .2009

INTERNATIONAL CONFERENCE

On Soil Fertility and Soil Productivity, Two Features to be Distinguished

- Differences of Efficiency of Soils for
Land Uses, Expenditures and Returns -

Location:

**Humboldt Universitaet, Berlin,
Germany** (near Berlin Hauptbahnhof/
central railway station)

Time:

March 17-20, 2010

Homepage: <http://www.uni-due.de//soil-fertility-productivity2010/index.shtml>

Contact: Prof. Dr. Wolfgang Burghardt, Angewandte
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DEADLINES

Early registration	31/10/2009
Regular registration	31/01/2010
Abstract submission for oral presentation	31/10/2009
Abstract submission for poster presentation	04/01/2010
Conference	17–20/03/2010

ORGANISATION

- International Union of Soil Science (IUSS), Division 3 - Soil Use and Management,
- University Duisburg-Essen, Germany, and
- Humboldt Universität Berlin, Germany

together with

- WG Soil Fertility and Plant Nutrition of the German Soil Science Society
- Society for Plant Nutrition of Germany
- Society for Agronomy of Germany
- International WG Organic Nitrogen Long Term Trials (IOSDV)

SPONSORS

- ECSSS - European Council of Soil Science Societies
- ESSC - European Society for Soil Conservation

SCIENTIFIC COMMITTEE

Bell, Richard (Australia) Burghardt, Wolfgang (Chair), (Germany) Christen, Olaf (Germany) Feller, Christian (France) Garcia-Ocampo, Alvaro (Columbia) George, Eckhard (Germany) Gicheru Thuku, Patrick (Kenia) Kaupenjohann, Martin (Germany) Mclaughlin, Mike (Australia)	Mesic, Milan (Croatia) Mueller, Torsten (Germany) Ryan, John (Syria - ICARDA) Sabiham, Supiandi (Indonesia) Singh, Bijay (India) Smagin, Andrei (Russia) Thiombiano, Lamourdia (Burkina Faso, Ethiopia - FAOSFE) Zhang, Fusuo (China) Wegener, Hans-R. (Germany)
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MOTIVATION

The thematic and location

The thematic

Soils with the highest natural yield from soil fertility must not produce the highest yield from additional investments such as from seeds, fertilizer, biocides, soil tillage and irrigation. In view of modern ways of soil use it is necessary to distinguish the yields achieved solely from natural soil properties, and yields achieved from soil properties which transform investments into yields. That means that soil fertility and soil productivity are terms which designate different properties of soils.

Mainly low income regions of the world can not pay for investments into soils. Their prosperity is dependent on soil fertility. Opposite to this rich regions can make use of the transformation properties of soils for yields and services by investments.

There will be an enormous pressure on the natural resource soil in the future for which we have to define status of soils in view of their potential for use on different economic levels.

The location

For soil scientists the Humboldt Universitaet is a magnificent place to highlight soils and their properties at least for two reasons:

The Humboldt Universitaet was established by the statesman Wilhelm von Humboldt. His brother Alexander von Humboldt (1769 - 1859) is famous for his many research trips to South America and Russia. From his experiences he established the theory of dependence of vegetation from climate. This idea inspired the great Russian soil scientist Dokuchaev to his theory of zonality of soils of the world due to climate differences.

The second particular reason to go to Berlin is Albrecht Thaer (1752-1828). His work is close related to the conference thematic Soil Fertility and Soil Productivity. Albrecht Thaer discovered the importance of soil organic matter content for soil fertility and inspired the former Prussian State to make strong use of it to improve the food supply of population from the often poor sandy soils. The Albrecht Thaer Hall of the Humboldt Universitaet recalls Abrecht Thaers great merits for improving farming all over the world until today.

The Humboldt Universitaet, founded in 1810, celebrates in 2010 its 200 years anniversary. The Humboldt Universitaet invites soil scientist to take part at this big event.

CONFERENCE TOPICS

Topics of the conference will be to characterize and discuss

- (1) Concepts of soil fertility and soil productivity, contents, chances, limitations and contradictions
- (2) Soil quality concepts and indicators with respect of soil fertility and soil productivity
- (3) Soil properties for soil fertility and for use of soil services
- (4) Soil properties for soil productivity and soil investments based services
- (5) Limits of soil fertility and soil productivity by other natural plant production factors than soil
- (6) Short time investments for use of soil productivity
- (7) Soil conservation measures to maintain and improve soil fertility and productivity
- (8) Modelling soil fertility, productivity and conservation

- (9) Soil changes and impacts by shift from use of soil fertility properties to soil productivity properties
- (10) Land management and policy requirements with respect to soil fertility and soil productivity
- (11) Future perspective about the importance of soil fertility and soil productivity with respect of different domains of soil use
- (12) Soil fertility and soil productivity under changing global conditions
- (13) Prospect of soil fertility and soil productivity
- (14) Others about the thematic soil fertility – productivity

EXCURSION

The excursion will visit the region near Berlin in the Federal State Brandenburg. Topics of the excursion will be Albrecht Thaer Memorial at Möglin; Soil use and agriculture in the Oder-Region on clay soils; Long-term field experiments and use of sandy soils.

CONFERENCE FEES

Registration fees:	Before November 2009	After November 2009, strictly not later than 31 January 2010
Academic Participant	€120	€180
Student (justification required *)	€60	€80
Companies	€240	€360
Excursion	€ 45	€ 60

The fees include:

- attendance to the conference
- welcome reception
- refreshments during the conference
- conference dinner
- conference materials (bag, writing pad, programme, abstract book, proceedings on CD, tourist information, city map)

Oral presentations, poster acceptance:

Registrations for oral presentations will be only accepted with payments before November 2009. Later registered presentations will be only accepted as posters.

REGISTRATION, ABSTRACT

Pre-registration, Registration address:
sfp2010-registration@uni-due.de

Abstract address (not open before July 2009):
sfp2010-abstract@uni-due.de

CONGRESS LANGUAGES

The official language of the conference is English.

INFORMATION

See more about Humboldt-University:
http://www.hu-berlin.de/index_html-en?set_language=en&cl=en (in English).

See more about Berlin, hotels
<http://www.berlin.de/english/accommodation/index.html>