

FIRST ANNOUNCEMENT



23rd INTERNATIONAL SYMPOSIUM OF THE INTERNATIONAL SCIENTIFIC CENTRE FOR FERTILIZERS

Plant nutrition and fertilizer issues for the cold climates

*September 8-10, 2015
Son, Norway*

Jointly organized by:

Norwegian Institute for Agricultural and Environmental Research, Bioforsk, Ås, Norway
International Scientific Centre of Fertilizers (CIEC), Braunschweig, Germany
Institute of Crop and Soil Science, Julius Kühn-Institut, Braunschweig, Germany
Department of Plant and Environmental Sciences, Norwegian University of Life Sciences, Ås, Norway
Institute for Environmental Sciences, Norwegian University of Life Sciences, Oslo, Norway

Scope of the conference and research subjects welcomed

This is the northernmost venue of a CIEC symposium and thus it is thematic dedicated to plant nutrition and fertilizer issues for the cold climates. Plant production in northern latitudes is characterized by a number of limiting factors such as short vegetation periods with harsh temperature conditions, and often also extreme soils, high in clay and organic matter. All these factors impede the efforts of plants to acquire water and nutrients and the utilization efficiency of fertilizers, particularly phosphorus fertilizers. Thus contributions on research about stress alleviating plant nutrition and technologies to improve fertilizer efficiency are highly welcome.

The conference will concentrate on four major topics of global interest though the presentation of innovative data in fertilizer research is appreciated explicitly. These are

Climate change and its impact on nutrient cycling in soils

Soil organic matter and fertilizer issues

Phosphorus recycling through fertilizers and

Marine protection and fertilizer strategies (e.g. balanced fertilization and nutrient bookkeeping).

In invited lectures **Dr. Peter Dörsch** (University of Life Sciences, Institute for Plant and Environment, Ås, Norway), **Prof. Dr. Bal Ram Singh** (Agricultural University of Norway, Department of Soil and Water Sciences, Ås, Norway), **Dr. Andrea Ulrich** (Federal Office for Agriculture FOAG, Bern, Switzerland) and **Dmitri Frank-Kamenetsky** (HELCOM, Baltic Marine Environment Protection Commission, Helsinki, Finland) will present cutting-edge research and state-of-the-art facts for each of the themes.

The region where the 23th CIEC symposium will be held in one of the marine environments most affected by agricultural activities which makes the conference to an important platform to present and discuss research on issues for identifying and limiting the diffuse contamination of water bodies with nutrients from agriculture, in particular phosphorus and nitrogen. The reduction of diffuse phosphorus losses is of prime relevance and closing the agricultural phosphorus cycle is the key to solve the problem. The negative impacts of climate change are well-known, however, beneficial effects on agricultural production in the cold climates are less often addressed. Degradation of

soils is regularly accompanied by losses in soil organic matter. A site-specific fertilizer management needs to preserve the natural status of the organic matter content in soils. On bog soils fertilization needs to overcome effectively for example severe copper deficiency.

The symposium brings scientists together from all over the world who are interested in the specifics of nurturing plants in the cold climates. Delegates will leave the symposium having shared ideas, having contributed to the body of knowledge concerning fertilizer use, and having made friends and contacts for future research.

IMPORTANT DEADLINES

Response to the invitation and submission of abstracts: **April 15, 2015**

Acceptance letter of contribution: **May 1, 2015**

Circulation of second announcement with preliminary program: **June 1, 2015**

Submission of full papers for publication: **July 1, 2015**

Circulation of final program: **July 31, 2015**

ABSTRACTS

Delegates are invited to submit title and a short abstract of not more than 200 words before **April 15, 2015** to the symposium secretariat (peder.lombnaes@bioforsk.no). The submitted abstracts will be reviewed by the scientific committee and the decision will be forwarded to the corresponding author before **May 1, 2015**.

PROCEEDINGS

Authors of contributions accepted for presentation at the symposium are invited to submit a manuscript of not more than three pages. Instructions on the formatting of the publication will be sent together with the confirmation of the acceptance of the contribution. The papers will be published electronically (ISSN code) in the series of *Berichte aus dem Julius Kühn-Institut*. Authors assume responsibility for quality of the manuscripts in form and content. Opinions expressed in the publication are the sole and entire responsibility of the authors. Manuscripts must be submitted not later than **July 1, 2015**.

ORAL PRESENTATIONS

Participants who want to give an oral presentation, should clearly indicate this when submitting their abstract. There will be place only for a limited number of oral presentations.

SHORT COMMUNICATIONS

Participants are invited to present short communications (5 minutes) instead of posters in order to stimulate discussions with the entire audience. Participants who want to give a short communication should clearly indicate this when submitting their abstract.

SCIENTIFIC EXCURSION

A mid-term scientific excursion will be organized and give participants an insight into agricultural production in the cold climates.

OFFICIAL LANGUAGE OF THE SYMPOSIUM

Delegates have to ensure that all papers and presentations are in English before the commencement of the symposium as there will be no translation facilities.

VENUE & ACCOMMODATION

The symposium will be held at Water & Quality Resort Son in Son, Norway (<https://www.nordicchoicehotels.com/quality-resort/quality-spa--resort-son/>). Quality Spa & Resort Son is located in the idyllic town of Son in the Oslofjord, only 40 minutes from Oslo. The maritime history of the hotel makes it a charming environment for the symposium. Closest airports are Oslo-Gardermoen and Oslo, Moss-Rygge.

REGISTRATION

Participants register with the secretariat and make binding bookings for participation in the symposium and reservation of hotel rooms directly with the hotel at son.booking@choice.no. The 2nd circular will include detailed information on deadline for booking at the hotel. Lectures, conference proceedings, coffee breaks, lunch and dinner at the hotel and scientific excursion are available for participants. Participants may expect the following costs:

4810 NOK per person in single room (September 8-10, 2015)

Additional 1350 NOK per person in single room (September 7-8, 2015)

SYMPOSIUM SECRETARIAT

Dr. Peder Lombnaes, Norwegian Institute for Agricultural and Environmental Research, Bioforsk, e-mail: peder.lombnaes@bioforsk.no, phone: +47 995 67 612

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A BRIEF INTRODUCTION TO CIEC (CENTRE INTERNATIONAL DES ENGRAIS CHIMIQUES)

Founded in 1933, CIEC is the oldest scientific organization solemnly dedicated to fertilization. CIEC is a non-profit, non-governmental organization (NGO) and actually organized as a task force with membership on invitation only. The CIEC task force consists actually on the President (Ewald Schnug, Germany) + 4 Vice Presidents (Francesco Montemurro (Italy), Zhengyi Hu (People's Republic of China), Nils Vagstad (Norway), Luit de Kok (The Netherlands), the Secretary General Silvia Haneklaus (Germany), the deputy Secretary General Bettina Eichler-Löbermann (Germany) and the Honorary President Cristian Hera (Romania).

CIEC'S PAST, PRESENT AND FUTURE EVENTS

15 World Fertilizer Congresses (4 year rotation)
Italy (3), Heidelberg, Opatija, Zurich, Lisbon, Vienna, Moscow, Budapest, Nicosia, Ghent, Beijing, Chiang Mai, Bucharest, Rio de Janeiro, HCM City (scheduled)
23 Fertilizer Symposia (annually)
Vienna (2), Benghazi, Brauschweig (2), Balatonfured, Nicosia, Berlin, Salamanca, Kusadasi, Pulawy, Suceava, Tokat, Debreceen, Pretoria, Ghent, Cairo, Roma, Goslar, Santa Clara, Bari/Helsinki, Son/Goslar, Vila Real (scheduled), Kunming (scheduled)