



NEWSLETTER

INTERNATIONAL HUMIC SUBSTANCES SOCIETY

Number 42

Winter 2009/2010

Dear members of IHSS,

Currently we are finalizing the preparation for the election of new IHSS officers. The IHSS Board would like to sincerely thank the Nomination Committee consisting of Kaye Spark (Australia, Chair), Elzbieta Jamroz (Poland), Antonio Salvio Mangrich (Brazil) and Claire Richard (France) for the effective search for candidates. In this Newsletter you will find CVs and statements of all candidates. We gratefully acknowledge the effort of the Committee.

Active participation in election of as large as possible membership is one of the most important task of the IHSS Board for several years. Thanks to personal engagement of Paul Bloom and his cooperation with the Mineralogical Society of America, we can use their server to host a website for on-line payment and voting, which will accelerate the process and guarantee strictest confidence. Gudrun Abbt-Braun, IHSS secretary, did a great job to create a central membership list, including email addresses. On this basis it was possible to adopt the system. 2010 will be the first year that the election will be conducted via on-line system. We hope that this will lead to a high voter turnout. Detailed information on the procedure are given in this Newsletter. However, the final success needs the active participation of all members. Be aware that you are quite within your right to decide on the Society, and cast your vote.

We all are deeply convinced that the future of our Society is in the young generation. Since the financial situation of IHSS is going well, the Society supports young scientists and students each year. In 2009 the IHSS Board agreed to award 10 applicants for Training Awards, enabling them visits in renowned laboratories for 1 to 3 months around the world. This year we have received a record number of IHSS Travel Support Awards applications, generally of very high level. This is really promising for the Society. 47 students applied for support, enabling them to present their work and attend the upcoming IHSS 15 conference, to be held at the end of June and the beginning of July in Puerto de la Cruz, Tenerife, Canary Islands. The Selection Committee met a big challenge and prepared the

ranking list of the best applications. The Board is currently working on the final list of the IHSS Travel Support Awards recipients, which will be announced in the next Newsletter.

The success of our international meetings depends on the willingness of volunteers to host future meetings. Groups from China, Greece and Italy declared an interest in hosting the IHSS conference in 2012. We are looking for others to host future meetings. If you are interested in hosting IHSS meeting please contact me at jerzyweber@gmail.com.

We are looking forward to seeing all of you at IHSS15 on Tenerife in June/July 2010,

yours sincerely,

Prof. Jerzy Weber

President of IHSS

ELECTIONS

As announced in the last Newsletter, this winter and spring we will be conducting elections for Vice President and Board Member for the term 2010 to 2012.

The President appointed the nominating committee as listed below:

- Kaye Spark of the University of Queensland (Australia) (Chair),
- Elzbieta Jamroz of the Wroclaw University of Environmental and Life Sciences, Institute of Soil Science and Environmental Protection (Poland),
- Antonio Salvio Mangrich of the Universidade Federal do Paraná, Departamento de Quimica (Brazil),
- Claire Richard of the Université Blaise Pascal, Laboratoire de Photochimie (France).

The list of candidates are:

Vice-President

- **Teodoro Miano, Italy**
- **Mike Perdue, USA**

Board Member

- **Irina Perminova, Russia**
- **Etelka Tombácz, Hungary**
- **Jianming Xu, China**

The candidates' statements and CV's are in this Newsletter.

You will be asked to cast one vote for "Vice-President", and one vote for "Board Member".

**We will be conducting on-line balloting. Please cast your ballot by the deadline of
April 15, 2010**

How to vote on-line

- You will receive a message by email from: elections@humicsubstances.org
- The email will contain your username (your email address) and your password, and the web address for the electronic ballot.

<https://ihss.humicsubstances.org/electionstart2010.html>

It is also possible to enter via the IHSS homepage:

(<http://www.ihss.gatech.edu/ihss2/>), selecting "Election 2010"

- Instructions on how to vote are given on the first page after you enter with your password. You can either vote immediately, or you can download or print the instructions, election information, and ballot for study and consideration before voting on-line.
- Balloting is open from now until April 15, 2010.
- We will send four emails in all, the first and up to three reminders before the deadline. Reminders only go to those that have not voted.
- If by February 28, 2010 you will not receive a message by email requesting that you cast a ballot, please inform the secretary of IHSS (guadrn.abbt-braun@kit.edu)

Who may vote

- Members, student members, retired members, and distinguished members that have paid their dues through December 31, 2008, or later may vote.
- The election server will check the records for eligibility.

Members, who will not have the possibility to vote on-line

- Please inform your chapter coordinator and the secretary of IHSS (guadrn.abbt-braun@kit.edu) in case, you cannot vote on-line.
- If you vote on-line please do not request a letter ballot.
- Before letter ballots are counted, the name on the outer envelope will be checked against the list of on-line voters and if you have already voted on-line your letter ballot will be destroyed.
- You will receive the documents via mail, and you will have to proceed according to the instructions given.

- **The letter ballots will be sent to head of the nomination committee chair, Dr. Kay Spark.**
- **The ballots must be postmarked by April 15, 2010:**

Dr. Kaye Spark
 University of Queensland
 Gatton Campus
 Gatton, Qld 4343, Australia
 Tel: +07.5460.1336, Fax: +07.5460.1109, kaye.spark@uqg.uq.edu.au

*Gu*drun Abbt-Braun
 Secretary of IHSS

ANNOUNCEMENT

The secretary announces the following changes in the positions of the National Coordinators:

Prof. Teodoro Miano will follow Prof. Nicola Senesi, Italian Chapter

Dr. Dag Olav Andersen will follow Prof. Ulla Lundström, Nordic Baltic Chapter

<p>Italy Prof. Teodoro Miano Università di Bari Dipartimento di Biologia e Chimica Agro-Forestale e Ambientale Via G. Amendola, 165/A 70126 Bari, Italy Tel: +39. 80.544.2857 / 544.3099 Fax: +39. 80.544.2850 E-mail: miano@agr.uniba.it</p>	<p>Nordic / Baltic (Denmark, Estonia, Finland, Latvia, Lithuania, Norway, Sweden) Dr. Dag Olav Andersen Faculty of Mathematics & Sciences Agder University College Servicebox 422 4604 Kristiansand, Norway Tel: +47.381.410.00 Fax: +47.381.410.01 E-mail: dag.o.andersen@hia.no</p>
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New address and email of the secretary:

Dr. Gu

drun Abbt-Braun

Institut für Technologie (KIT),

Engler-Bunte-Institut, Bereich Wasserchemie

Engler-Bunte-Ring 1

76131 Karlsruhe, Germany

☎ (+) 49 721 6084309 📠 (+) 49 721 6087051 [INTERNATIONAL HUMIC SUBSTANCES SOCIETY](mailto:gudrun.abbt-braun@kit.edu</p>
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Pan Ming Huang (1934 - 2009)

On September 13, 2009, our colleague Prof. Pan Ming Huang, Professor Emeritus of Soil Science at the University of Saskatchewan, Saskatoon, Canada passed away. His death is a great loss for the humic substances community. We will always treasure his memory.



Prof. Pan Ming Huang was born in Taiwan on September 2, 1934, and after growing up there and graduating in Agricultural Chemistry from the National Chung Hsing University, he moved to the University of Manitoba, Winnipeg in 1961. It was there that he met Lin, the lovely young woman who was to become his wife. He moved on to the University of Wisconsin at Madison upon completing his masters in 1962, studying for his Ph.D with Prof. M. L. Jackson, one of the world's most highly regarded soil scientists. Prof. Huang and Prof. Jackson worked well together, developing a warm friendship that continued for decades. Prof. Huang received his Ph.D. degree in Soil Science

In 1965 he travelled to Saskatoon having accepted a position in the Department of Soil Science at the University of Saskatchewan. In 1966 he and Lin were married. Lin has been a wonderful companion and support for him. They have two children: Daniel and Crystal.

Prof. Huang was a leading international authority on environmental soil chemistry, with emphasis on mineral colloids and organo-mineral complexes, their reactions with nutrients and pollutants in soils and waters and the impact on ecosystem health. He has pioneered extensive chemical, spectroscopic, and ultramicroscopic research on the formation mechanisms of short-range ordered (poorly crystalline) mineral colloids which are extremely reactive in governing the accumulation, transport, and bioavailability of nutrients and pollutants in the environment. He has done groundbreaking work in establishing mineral catalysis mechanisms of transformations of biomolecules such as sugars, phenolic compounds and amino acids, and the resulting formation of humic substances

which are essential for maintaining and for enhancing the productivity of the land and are also vital in influencing the dynamics and fate of environmental pollutants. Further, his cutting-edge research has advanced the world's knowledge on the chemistry and behavior of vital and toxic inorganic ions and organic compounds in soils and freshwaters and their impact on agricultural sustainability and ecosystem protection.

In Professor Huang's research on the impact of toxic materials in the environment, he emphasized the harmful effects of ions such as cadmium, arsenic, and mercury in terrestrial and aquatic ecosystems. Because these ions can be taken up by freshwater biota and crop plants, the significance of his work has extended to human and animal health. For example, his laboratory was the first in the world to show the ability of manganese oxides to convert toxic arsenite to much less toxic arsenate through abiotic catalysis. Further, because of substantial uptake of cadmium by cereal crops, his research has contributed to the development of land resource management strategies to enhance the quality of Canadian grains and their competitiveness in international markets. His research accomplishments, embodied in over 300 refereed publications, of which nine were published in *Nature* (London). Furthermore, he has written 2 books, edited 17 books, and successfully trained and inspired Ph.D. and M.Sc. students (more than 60) and postdoctoral fellows (45), and hosted numerous international visiting scientists. Besides his significant contributions to the training of highly qualified personnel and outstanding research accomplishments in fundamental soil and environmental sciences, as founding Chair of both the Working Group "*Interactions of Soil Minerals with Organic Components and Microorganisms*" and Commission 2.5 "*Soil Physical/Chemical/Biological Interfacial Reactions*" of the International Union of Soil Sciences, Prof. Huang was instrumental in promoting worldwide research leading to integration of knowledge on mineral colloids, organic matter, and microorganisms, and its impact on agricultural production, environmental sustainability, and ecosystem health.

In 2000 Prof. Huang served as Editor of Soil Chemistry section of the *Handbook of Soil Science*, but since 2008 he was serving as Editor-in-Chief of the second edition of this handbook, which assembles the core of knowledge from all fields encompassed within the discipline of Soil Science and is, thus, a comprehensive reference work on the discipline of Soil Science as practiced today. Further, Prof. Huang has served as Titular Member of the International Union of Pure and Applied Chemistry (IUPAC) and has been Series Editor of the IUPAC Book Series "*Biophysico-Chemical Processes in Environmental Systems*" to promote research and education on physical, chemical, and biological interfacial interactions in the environment on a global scale.

He has developed and taught courses in soil physical chemistry and mineralogy, soil analytical chemistry, and ecological toxicology. He has served on numerous national and international scientific and academic committees. He also has served as a member of many editorial boards such as the Soil Science Society of America Journal, Geoderma, Chemosphere, Water, Air and Soil Pollution, Soil Science and Plant Nutrition, and Pedosphere. He received the *Distinguished Researcher Award from the University of Saskatchewan* (1997) and the *Soil Science Research Award from the Soil Science Society of America* (2000). He was a Fellow of the *Canadian Society of Soil Science* (1985), the *Soil Science Society of America* (1985), the *American Society of Agronomy* (1985), the *American Association for the Advancement of Science* (1998), and the *World Innovation Foundation* (2001). He was Honorary Professor of six Chinese Universities. Prof. Huang was an eminent scholar, a great educator, a man of vision and extraordinary leadership. He was a teacher appreciated for his organization and thoroughness, his passion for science, and for his high expectations. Most of his students and colleagues mention the decisive influence he had on their careers.

*Antonio Violante
Università di Napoli Federico II, ITALY*

STANDARD AND REFERENCE COLLECTION

2009 was a Record Breaking Year for Sales from the IHSS Collection

Sales for 2009 were \$151000, an almost 16 % increase over 2008. This increase was on top of a 12 % increase in 2008 compared to 2007. The number of individual sales was 435 compared to 348 in 2008. Our humic products were sent to 34 different countries with 66 % shipped to North America, 15 % to the European Union and 11 % to the Asia Pacific region (including Australia). Customers are mostly buying our materials from the Suwannee River, which accounted for 75 % of sales and nearly all the increase in sales over 2008. Another 12 % of sales was from the Nordic and Pony Lake aquatic sources. The remainder was from our soils and leonardite products.

Credit card purchases through our online store accounted for 71 % the purchases. Credit card sales were up from 61 % in 2008. We began using our online store June of 2008 and after a few adjustments we have been able to decrease the effort expended in processing orders and collecting payments.

*Paul Bloom
Chairman, Samples Collection*

Soil Biochemistry

Konrad Haider, Augustinum, Diessen, Ammersee, Germany

Andreas Schäffer, Institute for Environmental Research (Biology V), RWTH Aachen University, Germany

ISBN 978-1-57808-579-8; July 2009; 132 pages

About the Book

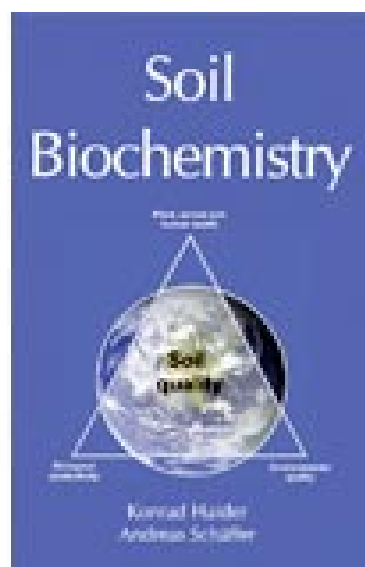
Soils play a central role in the conversion of organic matter and element fluxes because of the large number of microorganisms present in the soil. In this book the more important processes that are driven by microbiological activity are discussed.

It will be of interest to students of chemistry, biology, ecology, soil science and related areas. Researchers from these fields will profit from extended literature surveys in each chapter comprising important findings from early as well as the most recent investigations.

(Science Publishers)

Contents

1. Soil and Soil Life
2. Aerobic and Anaerobic Degradation of Monomer and Polymer Plant Constituents by Soil Microorganisms
3. Humus and Humification
4. Turnover of Nitrogen, Phosphorus and Sulfur in Soils and Sediments
5. Composting and Fermentation of Organic Materials
6. Trace Gases in Soil
7. Heavy Metals as Pollutants: Toxicity, Environmental Aspects, Resistance and Biotechnological Aspects



Biophysico-Chemical Processes Involving Natural Nonliving Organic Matter in Environmental Systems

Nicola Senesi, Baoshan Xing, and Pan Ming Huang

Wiley-IUPAC Series Biophysico-Chemical Processes in Environmental Systems

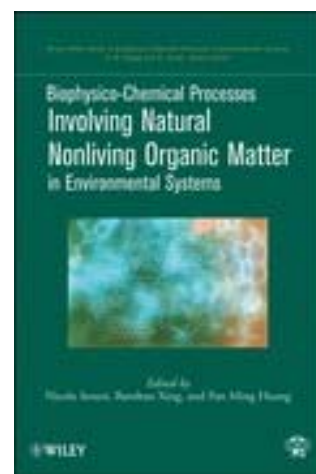
ISBN-10: 0-470-41300-X, ISBN-13: 978-0-470-41300-5, John Wiley & Sons, 2009,

876 pages

Bringing together world-renowned researchers to explore natural nonliving organic matter (NOM) and its chemical, biological, and ecological importance, *Biophysico-Chemical Processes Involving Natural Nonliving Organic Matter in Environmental Systems* offers an integrated view of the dynamics and processes of NOM. This multidisciplinary approach allows for a comprehensive treatment encompassing all the formation processes, properties, reactions, environments, and analytical techniques associated with the latest research on NOM.

After briefly outlining the historical background, current ideas, and future prospects of the study of NOM, the coverage examines:

- The formation mechanisms of humic substances
- Organo-clay complexes
- The effects of organic matter amendment
- Black carbon in the environment
- Carbon sequestration and dynamics in soil
- Biological activities of humic substances
- Dissolved organic matter
- Humic substances in the rhizosphere
- Marine organic matter
- Organic matter in atmospheric particles



In addition to the above topics, the coverage includes such relevant analytical techniques as separation technology; analytical pyrolysis and soft-ionization mass spectrometry; nuclear magnetic resonance; EPR, FTIR, Raman, UV-visible adsorption, fluorescence, and X-ray spectroscopies; and thermal analysis. Hundreds of illustrations and photographs further illuminate the various chapters.

An essential resource for both students and professionals in environmental science, environmental engineering, water science, soil science, geology, and environmental chemistry, *Biophysico-Chemical Processes Involving Natural Nonliving Organic Matter in*

Environmental Systems provides a unique combination of the latest discoveries, developments, and future prospects in this field. (*Wiley-VCH*)

Contributors:

Chapter 1: Evolution of Concepts of Environmental Natural Non-Living Organic Matter (M. H. B. Hayes).

Chapter 2: Formation Mechanisms of Humic Substances in the Environment (P. M. Huang and A. G. Hardie).

Chapter 3: Organo-Clay Complexes in Soils and Sediments (G. Chilom and J. A. Rice).

Chapter 4: The effect of organic matter amendment on native soil humic substances (C. Plaza and N. Senesi).

Chapter 5: Carbon Sequestration in Soil (M. De Nobili, M. Contin, and Y. Chen).

Chapter 6: Storage and Turnover of Organic Matter in Soil (M. S. Torn, C. W. Swanston, C. Castanha, and S. E. Trumbore).

Chapter 7: Black Carbon and Thermally Altered (Pyrogenic) Organic Matter: Chemical Characteristics and the Role in the Environment (H. Knicker).

Chapter 8: Biological Activities of Humic Substances (S. Nardi, P. Carletti, D. Pizzeghello, and A. Muscolo).

Chapter 9: Role of Humic Substances in the Rhizosphere (R. Pinton, S. Cesco, and Z. Varanini).

Chapter 10: Dissolved Organic Matter (DOM) in Natural Environments (F. H. Frimmel and G. Abbt-Braun).

Chapter 11: Marine Organic Matter (E. M. Perdue and R. Benner).

Chapter 12: Natural Organic Matter in Atmospheric Particles (A. da Costa Duarte and R. M. B. O. Duarte).

Chapter 13: Separation Technology as a Powerful Tool for Unfolding Molecular Complexity of Natural Organic Matter and Humic Substances (I. V. Perminova, A. Gaspar, Ph. Schmitt-Kopplin, N. A. Kulikova, A. I. Konstantinov, N. Hertkorn, K. Hatfield, and E. V. Kunenkov).

Chapter 14: Analytical Pyrolysis and Soft-Ionization Mass Spectrometry (P. Leinweber, G. Jandl, K.-U. Eckhardt, A. Schlichting, D. Hofmann, and H.-R. Schulten).

Chapter 15: Nuclear Magnetic Resonance Analysis of Natural Organic Matter (A. J. Simpson and M. J. Simpson).

Chapter 16: EPR, FTIR, Raman, UV-visible Absorption and Fluorescence Spectroscopies in Studies of NOM (L. Martin-Neto, D. M. B. P. Milori, W. T. L. Da Silva and M.L. Simões).

Chapter 17: Synchrotron-Based Near-Edge X-ray Spectroscopy of NOM in Soils and Sediments (J. Lehmann, J. Brandes, H. Fleckenstein, C. Jacobson, D. Solomon, and J. Thieme).

Chapter 18: Thermal Analysis for Advanced Characterization of Natural Nonliving Organic Materials (E. J. Leboeuf and L. Zhang).

PAST CONFERENCES

8th Meeting of the Italian Chapter of IHSS

14th -16th December 2009, University of Padova

The 8th Meeting of the Italian Chapter of IHSS was hosted by the University of Padova, 14th -16th December 2009 and organised by the research group in Soil Chemistry led by Prof.ssa Serenella Nardi of the Department of Agricultural Biotechnology.

The event was attended by 65 participants, mainly researchers and students from different Universities and Scientific Italian Institutions, as well as from representatives of private enterprises. 14 oral and 12 poster presentations were given on the topics: chemical and biochemical aspects, methodological and technical approaches, environmental and application aspects of humic substances. In spite of the worldwide economic crisis deeply affecting funding in Italian Research Institutes the meeting attendants remained constant as two years ago.

The invited speakers were: Prof. Luciano Pasqualoto Canellas, from Universidade Estadual do Norte Fluminense, Rio de Janeiro, Brazil; Prof. Giovanni Gigliotti from University of Perugia, Italy, who kindly substituted Dr. César Plaza de Carlos from CSIC, Spain; and Prof. Fabrizio Adani from University of Milan, Italy.

The oral presentations, the invited speakers' lectures and the poster session have been attended with high interest by the audience and were followed by active and wide scientific discussions.

A particularly positive feature of the meeting was the large participation of students and young researchers, which had been successfully encouraged to attend by Prof. Nicola Senesi, national coordinator of the Italian Chapter of IHSS. The attendance of three young researchers was supported by scholarships from the Italian IHSS Chapter and a fourth scholarship was provided by IHSS.

The general assembly of the Italian IHSS Chapter was also held during the Meeting, and Prof. Teodoro Miano, University of Bari, was unanimously elected by secret ballot election as the Italian IHSS Chapter Coordinator for the next four years (2010-2013). During the assembly it was decided that the next meeting will take place in 2011 in Naples.

*Nicola Senesi
Università degli Studi di Bari*

IHSS CONFERENCE 2010



15th Meeting of the International Humic Substances Society

June 27th to July 2nd , 2010

Puerto de la Cruz, Tenerife, Canary Islands, Spain

Humic Substances and the Maintenance of Ecosystem Services

NEW DEADLINE FOR SUBMISSION OF ABSTRACTS

February, 15th , 2010

Abstracts received after January, 31st will be considered for poster presentations

NEW DEADLINE FOR REDUCED REGISTRATION FEES

January, 31st , 2010

For detailed information see

<http://www.ihss2010.org>

and see the flyer attached.

Contact:

José A. GONZÁLEZ-PÉREZ (chairman), jaq@irnase.csic.es

Francisco J. GONZÁLEZ-VILA (co-chairman), fjgon@irnase.csic.es

Instituto de Recursos Naturales y Agrobiología de Sevilla,

Tel: + 34 95 462 47 11 ext 116

Fax: + 34 95 462 40 0

FUTURE CONFERENCES

Humic Science & Technology XIII Conference

Northeastern University, Boston, MA, USA

March 17 - 19, 2010

Further information:

Dr. Elham A. Ghabbour

Department of Chemistry and Chemical Biology

Northeastern University

e.ghabbour@neu.edu

<http://www.hagroup.neu.edu/news.htm>

ACS 239th National Meeting Division of Geochemistry

San Francisco, CO

March 21 - 25, 2010

Further information:

<http://portal.acs.org/portal/acs/corg/content>

Part of the programme:

Aquatic Redox Chemistry: *in Honor of Donald L. Macalady* - Co-Sponsored with

Environmental Chemistry Division, for more information contact: *Paul G. Tratnyek*,

tratnyek@ebs.ogi.edu, *Timothy J. Grundl*, grundl@uwm.edu or *Stefan Haderlein*,

haderlein@unituebingen.de

The Influence of Natural Organic Matter on the Fate and Transport of Metals, Colloids and Nanoparticles in the Aquatic Systems - Co-Sponsored with Environmental Chemistry

Division, for more information contact: *George Aiken*: graiken@usgs.gov, *Helen Hsu-Kim*,

hsukim@duke.edu or *Joseph Ryan*, joseph.ryan@colorado.edu

Environmental and Geochemical Aspects of Carbon Sequestration - Co-sponsored with

Environmental Chemistry Division, for More Information Contact: Daniel E. Giammar,

Washington University in St. Louis, 314-935-6849, giammar@wustl.edu. Young-Shin Jun,

Energy, 314-935-4539, ysjun@seas.wustl.edu. Charles J. Werth, University of Illinois at

Urbana-Champaign, 217-333-3822, werth@illinois.edu

Frontiers in Analytical Chemistry as Applied to Natural Organic Matter - For more information

contact Rose Cory, University of North Carolina, 612-626-7981, rmcory@email.unc.edu

European Geosciences Union (EGU) General Assembly 2010

Vienna, Austria,

May 2 - 7, 2010

Further information:

<http://www.egu.eu>

<http://meetings.copernicus.org/egu2010>

Part of the programme:

SSS15: Sustainable approaches for an accelerated in-situ degradation of organic soil contaminants: Is there a realistic chance ?

Convener: Reiner Schroll, Co-Convener: Peter Burauel

SSS16: Can climate change influence the fate and behaviour of organic chemicals in soil?

Convener: Peter Burauel, Co-Convener: Kirk Semple

SSS17: Dehydrated and rewetted peatlands: hydrological, physical and chemical changes

Convener: Lech Szajdak, Co-Conveners: Teodoro Miano, Claudio Zaccone

SSS21: Magnetic resonance: new understandings and applications in soil and environmental science

Convener: Anne E Berns, Co-Conveners: Andreas Pohlmeier, Pellegrino Conte, Giuseppe Alonzo

SSS23: Soil organic matter: structures, functions, management strategies, and C cycle

Convener: Claudio Ciavatta, Co-Conveners: Alvin Smucker, Claudio Zaccone, César Plaza

SSS33: Deep soil organic matter – a relevant component in biogeochemical cycles?

Convener: Cornelia Rumpel, Co-Conveners: Abad Chabbi, Ingrid Koegel-Knabner

SSS34: Phosphorus biogeochemistry in soils and waters: implications and constrains for sustainable development

Convener: Antonio Delgado, Co-Convener: Luisella Celi

20 th Annual Meeting of SETAC Europe
“Science and Technology for Environmental Protection”
Session E2-Environmental impact of amendments on soil ecology and soil organic
matter quality
Sevilla, Spain
May 23 - 27, 2010

Further information:

Heike Knicker

Departamento: Geoecología, Biogeoquímica y Microbiología Ambiental

Instituto de Recursos Naturales y Agrobiología de Sevilla (IRNAS-CSIC)

email: knicker@irnase.csic.es

http://seville.setac.eu/seville/scientific_programme/submit_an_abstract/?contentid=200 .

CALL TO HOST FUTURE IHSS CONFERENCES



IHSS Board invites all scientists interested in hosting one of the future IHSS meetings

Any group of scientists working in a humic substances research is welcome to apply. Organizers are encouraged to contact and cooperate with their IHSS Chapter. Support by local IHSS Chapter is appreciated very much, however it is not a requisite condition. Application to host the IHSS meeting should be sent (preferably by e-mail) to the IHSS President and IHSS Secretary. For further details see:

<http://ihss.gatech.edu/ihss2/documents/Apply%20to%20Host%20an%20IHSS%20Meeting.pdf>

Gudrun Abbt-Braun

BOARD OF DIRECTORS 2009/2010

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Dr. Michael H.B. Hayes

Dr. Ronald L. Malcolm †
Dr. Morris Schnitzer
Dr. Frank J. Stevenson
Dr. Roger S. Swift

Distinguished Service Members

Dr. C. Edward Clapp

International Humic Substances Society on the World Wide Web

Visit our home page at:

<http://www.ihss.gatech.edu>

Dr. E. M. Perdue coordinates the updating of the IHSS WEB page which is located on the server of the Georgia Institute of Technology, Atlanta, GA, USA.

Contributions, suggestions and comments regarding the content and organization of the WEB pages are welcome from all IHSS members.

E-mail: Dr. E. M. Perdue at michael.perdue@eas.gatech.edu.

IMPRESSUM

Editor: INTERNATIONAL HUMIC SUBSTANCES SOCIETY

NEWSLETTER 42

President

Prof. Jerzy Weber

Wroclaw University of

Environmental and Life Sciences

Institute of Soil Science and

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ATTACHMENTS

CV and statement of the candidates

Flyer of the IHSS15 meeting

NEW DEADLINE FOR SUBMISSION OF ABSTRACTS

February, 15th, 2010

Abstracts received after January, 31st will be considered for poster presentations