



Hochschule für Angewandte
Wissenschaften Hamburg
Hamburg University of Applied Sciences

WORLD SYMPOSIUM ON SUSTAINABLE DEVELOPMENT AT UNIVERSITIES (WSSD-U-2012)



RIO+20
United Nations
Conference on
Sustainable
Development

**A Parallel Event to the
UN Conference on Sustainable
Development (Rio+20)**

Rio de Janeiro, Brazil, 5-6 June 2012

**2nd ANNOUNCEMENT
&
CALL FOR PAPERS**

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/// BACKGROUND

Forty years after the Stockholm Conference on the Human Environment and twenty years after the first "Earth Summit" (UN Conference on Environment and Development) held in Rio de Janeiro in June 1992, the world community will meet again, to review progress and outline the future steps we need to take towards a more sustainable world. The **2012 UN Conference on Sustainable Development** (UNCSD), also known as "Rio+20", will be a historical event.

The objectives of UNCSD are: to secure renewed political commitment to sustainable development; to assess progress towards internationally agreed goals on sustainable development and to address new and emerging challenges. The Summit will also focus on two specific themes: a green economy in the context of poverty eradication and sustainable development, and an institutional framework for sustainable development. UNCSD offers a unique opportunity to also discuss the extent to which universities have been providing a meaningful contribution towards the efforts in shaping a better world and, perhaps more importantly, to discuss what else remains to be done.

It is against this background that the "**World Symposium on Sustainable Development at Universities**" (WSSD-U-2012) will be organised by the Research and Transfer Centre "Applications of Life Sciences" of the Hamburg University of Applied Sciences, under the auspices of the **RCE Hamburg and Region**. The **RCE Hamburg and Region** is part of a global network of Regional Centres of Expertise on Education for Sustainable Development (RCEs) coordinated by the United Nations University.

/// AIMS

The aims of the "**World Symposium on Sustainable Development at Universities**" (WSSD-U-2012) are as follows:

- i. to provide universities all round the world with an opportunity to display and present their works (i.e. curriculum innovation, research, activities, practical projects) as they relate to education for sustainable development at university level;
- ii. to foster the exchange of information, ideas and experiences acquired in the execution of projects, from successful initiatives and good practice;
- iii. to discuss methodological approaches and projects which aim to integrate the topic of sustainable development in the curriculum of universities;
- iv. to network the participants and provide a platform so they can explore possibilities for cooperation.

Last but not least, a further aim of the event will be to document and disseminate the wealth of experiences available today. To this purpose, a special issue of the "International Journal of Sustainability in Higher Education (IJSHE)" with selected papers from the conference will be produced. Furthermore, the book "Sustainable Development at Universities: New Horizons" will be published, with a further set of papers. This will be volume 33 of the award-winning book series "Environmental Education, Communication and Sustainability" (Peter Lang Scientific Publishers), which since its creation in 1998 has become the world's longest running book series on education and communication on sustainable development.

/// PROFILE OF PARTICIPANTS



Delegates attending the “World Symposium on Sustainable Development at Universities” (WSSD-U-2012) will come from a cross-sectoral range of areas. They are:

- i. members of university administrations;
- ii. teaching staff
- iii. research staff;
- iv. student groups;
- v. project officers and consultants;
- vi. other people interested in the field.

It is believed that this wide range of participants will help to outline the need for integrated approaches towards sustainable development and, hence contribute to the further dissemination of the UN Decade of Education for Sustainable Development.

/// STRUCTURE OF THE EVENT

The “World Symposium on Sustainable Development at Universities” (WSSD-U-2012) will be organised in two main strands:

Strand 1: the displays

Participating universities and organisations will be able to put-up displays describing their works and projects and to distribute the relevant information to the participants. The displays will be the backbone of the event and will allow close, one-to-one contacts between the participants and the exhibitors.

Strand 2: the presentations

A set of presentations, divided into three sections will be organised, dealing with issues of strategic value in reviewing the state of art of education for sustainability today. These are:

Session 1: Implementing Sustainable Development in the Curriculum

Session 2: Implementing Sustainable Development in Campus Activities

Session 3: Implementing Sustainable Development in Research and in Outreach Programmes

The presentations will be complemented by a round-table with some key experts.

/// TIME-TABLE

The “World Symposium on Sustainable Development at Universities” (WSSD-U-2012) will be held from Tuesday the 5th June 2012 to Wednesday the 6th June 2012. The schedule is as follows:

TUESDAY, 5 TH JUNE 2012	WEDNESDAY, 6 TH JUNE 2012
All day: Exhibition and visit to displays Morning: Session 1 Afternoon: Session 2	All day: Exhibition and visit to displays Morning: Session 3 Afternoon: Round-table with key experts Conclusions Evening: Farewell dinner

In order to ensure an efficient use of the time, delegates are kindly asked to organise their travel in a way that allows them to arrive in Rio de Janeiro in the course of Monday the 4th June 2012 and travel back on or after the 7th June 2012.

/// DEADLINES

Deadline for submission of abstracts: 30th September 2011

Deadline for submission of papers: 30th January 2012

Deadline for registrations: 10th February 2012



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/// FEES AND CHARGES

A symbolic fee of Euro 119 (inclusive of German VAT) will be charged to registered delegates so as to offset the preparation costs. Organisations or individuals not able to pay this fee should contact the Secretariat so that it may be waived in special cases. Interested people and organisations are encouraged to register by completing the application form provided. **This is a self-funded event and the organisers are unable to pay any travel or accommodation costs** of any kind. They are however happy to issue letters of invitation to support delegates to request funding for their participation.

/// REGISTRATION AND CONDITIONS OF PARTICIPATION

Registrations are now open and are possible until the 10th February 2012. Regrettably, registrations after the deadline will not be possible. Since the space for displays and the time for presentations is limited, delegates are advised to register as soon as possible. The organisers will notify any interested delegate or organisation in the event there are limitations with time for presentations or space for displays. Registered delegates will then receive further details on the payment of the fees and updated information on the preparations for the event. The decision as to which papers will be accepted for presentation will be taken by the Chairman, on consultation with the organising committee. The Chairman's decision is however the final one. Participants registering to the event will do so under the condition that they will cover their own travel, accommodation and incidental costs (e.g. visa fees) related to their trip to Rio. **This is a self-funded event and the organisers are unable to pay any travel or accommodation costs of any kind.**

/// ORGANISERS

Hamburg University of Applied Sciences Research and Transfer Centre "Applications of Life Sciences"
RCE Hamburg and Region

/// INTERNATIONAL PARTNERS

Association for the Advancement of Sustainability in Higher Education
Baltic University Programme
European Commission
International Association of Universities (IAU)
UN Economic Commission for Europe (UNECE)
UN Educational, Scientific and Cultural Organisation (UNESCO)
UN Environment Programme (UNEP)
Australasian Campuses Towards Sustainability (ACTS)

/// SCIENTIFIC COMMITTEE

Chairman and Convenor

Prof. Walter Leal (HAW Hamburg and RCE Hamburg and Region)

Members

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Dr. Nelson Amaro, Galileo University, Guatemala
Prof. Ulisses Azeiteiro, University of Coimbra, Portugal
Prof. Cyrano Ruiz Cabarrus, Galileo University, Guatemala
Prof. Bernd Delakowitz, University of Applied Sciences Zittau-Görlitz, Germany
Prof. Lars Emmelin, Blekinge Institute of Technology, Sweden



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Dr Zinaida Fadeeva, United Nations University, Japan
Dr. Didac Ferrer, UPC, Barcelona, Spain
Prof. Plamen Gramatikov, University of Blageovgrad, Bulgaria
Prof. Baltasar D´Andrade Guerra, UNISUL, Brazil
Mr. Dieter Gross, Education for a Sustainable Future im VDSG, E.V., Germany
Prof. Luc Hens, Free University of Brussels, Belgium
Prof. Dzintra Ilisco, Daugavpils University, Latvia
Prof. Nikolaj Ivanov, Baltic State Technical University, St. Petersburg, Russia
Prof. Chardel Jabbour, University of São Paulo, Brazil
Prof. Maris Klavins, University of Latvia, Latvia
Dr. Paula Lindroos, Baltic University Programme, Sweden
Dr. Evangelos Manolas, University of Thrace, Greece
Dr Yoko Mochizuki, United Nations University, Japan
Dr. Karel Mulder, TU Delft, Netherlands
Prof. Maria Novo, National University on Distance Education, Spain
Prof. Otienoh Oguge, University of Nairobi, Kenya
Dr. Paul Pace, University of Malta, Malta
Prof. Alexandre Pedrini, Rio de Janeiro State University, Brazil
Prof. Joost Platje, University of Opole, Poland
Prof. Lars Ryden, Baltic University Programme, Sweden
Mr. Jos Rikers, Open University, Netherlands
Mr Paul Rowland, Association for the Advancement of Sustainability in Higher Education (AASHE), USA
Prof. Roberto G. Pereira, TEM/PGMEC/MSG, Federal Fluminense University, Brazil
Prof. Anita Pipere, Daugavpils University, Latvia
Prof. Diana-Mihaela Pociovalisteanu, Constantin Bracusi University, Romania
Prof. Leonidas Sakalauskas, Institute of Mathematics and Informatics, Lithuania
Prof. Masashi Urabe, Tokuyama University, Japan
Prof. Osvaldo Quelhas, LATEC, Federal Fluminense University, Brazil
Prof. John Sedgwick, London Metropolitan University, UK
Prof. Eugenia Alo Totaro, University of Sannio, Italy
Prof. Luis Vargas, University of Chile, Chile
Prof. Ronald Wennersten, Royal Institute of Technology, Sweden
Prof. Youssef Ahmad Youssef, UNISUL, Brazil
Prof. Sergei Zenchenko, Moscow State University of Economics, Statistics and Informatics, Minsk Branch, Belarus

/// ORGANISING COMMITTEE

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Dr. Mihaela Sima, Institute of Geography, Romanian Academy, Romania
Johanna Vogt, HAW Hamburg, Germany

/// FURTHER INFORMATION AND SECRETARIAT

Task Force Rio+12
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Hamburg University of Applied Sciences, Faculty of Life Sciences
Lohbrügger Kirchstraße 65, 21033 Hamburg, Germany
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SOME OF THE ACCEPTED PAPERS



Some developments on education for sustainable development in higher education institutions
Prof. Walter Leal Filho, Hamburg University of Applied Sciences, Germany

Research on Sustainable Development for a better quality city
Prof. Ruzica Bogdanovic, PhD, arch., Ass. Ranka Gajic, MSc, arch., T.Ass, Svetlana Batarilo, BSc, arch., University of Belgrade & National Commission of UNESCO, Serbia

Developing and implementing energy sustainability research in business education
Dr. Vlasios Voudouris, London Metropolitan University, UK

Implementing Sustainable Development in the Curriculum Experiencing transformation: a student perspective
Dr Jennie Winter, Associate Professor Debby Cotton, University of Plymouth, UK

Global Network of Master's in Development Practice Programs: Worldwide Experiences of Universities Achieving the UN Millennium Development Goals Through Education, Research and Outreach
Dr. Lucia Rodriguez, Dr. Jairo H. Garcia, Global MDP Secretariat and Office of Academic and Research, Earth Institute, Columbia University, USA

Enhancing Education for Sustainable Development in Higher Education with Integrated Management Systems
Holm Tove & Vuorisalo Timo, University of Turku, Finland & Dr. Kaisu Sammalisto, University of Gävle, Sweden

Fostering Sustainable Development by Renewable Energy Project in Small Island Developing States: the DIREKT Projekt
Veronika Schulte, Hamburg University of Applied Sciences, Germany

REGSA: a project to promote sustainable energy generation in Latin America
Prof. Baltasar D'Andrade Guerra, UNISUL, Florianopolis, Brazil

Sustainability and Climate Change: the contribution of a Network of Climate Change Transfer Centres in Latin America
Franziska Mannke, Hamburg University of Applied Sciences, Germany

Enabling University Leaders to serve as role models for sustainable development
Associate Professor Chris Shiel, Bournemouth University, UK

The new Green Office at UTFPR-Universidade Tecnológica Federal do Paraná
Dr. Eloy Casagrande Jr., Universidade Tecnológica Federal do Paraná, Brazil and RCE-Curitiba

An analysis of the needs for tailoring knowledge and skills based education for sustainable development: the Balkan. Environment Life Leadership Standard Courses
Prof. Andjelka Mihajlov, National Commission of UNESCO, Serbia

Building Sustainability Leaders: A Framework to Prepare Students to Thrive on Complexity and Lead Transformative Changes
Dr. Michael Shriberg, University of Michigan, USA

Monitoring changes in the sustainability attributes of higher education students
Prof. Kerry Shephard, John Harraway, Dr. Brent Lovelock, Assoc. Prof. Elizabeth Slooten, Dr. Sheila Skeaff, Dr. Mick Strack & Tim Jowett, University of Otago, Dunedin, New Zealand

Student expectations on content and pedagogy for sustainability within textiles and apparel curricula
Prof. Anupama Pasricha, St. Catherine University & Dr. Sara J. Kadolph, Iowa State University, Ames, IA, USA

Evaluation of sustainability in education and research in Serbia : AHP approach
Zorica Srdjevic & Bojan Srdjevic, University of Novi Sad, Faculty of Agriculture, Serbia



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Inclusion of environmental and social aspects of sustainability in industrial design education worldwide
Dr Mariano Ramirez Jr, University of New South Wales, Sidney, Australia

Integrating Service Learning and Interdisciplinarity as Best Practices and Pedagogy for the Teaching
of Sustainability
Dr. Kirsten Bartels, Grand Valley State University, USA

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/// REGISTRATION FORM

1. Surname: _____

2. First Name: _____

3. Title (Prof., Dr. Mr, Ms, etc): _____

4. Institution: _____

5. Address: _____

6. Telephone (please include national and local code): _____

7. Fax (please include national and local code): _____

8. E-mail: _____

9. You intend to participate by means of: () Presentation () Display () both

10. Title of presentation: _____

11. Session chosen (please tick): _____

Session 1: Implementing Sustainable Development in the Curriculum ()

Session 2: Implementing Sustainable Development in Campus Activities ()

Session 3: Implementing Sustainable Development in Research and in Outreach Programmes ()

11. Title of display: _____

12. Do you need a visa to enter the Federal Republic of Brazil () Yes* () No
(*) If you need a visa, please contact us supplying your passport number and date of birth

13. Do you have any dietary requirements? () Yes () No

The fees of Euro 119 (or the equivalent in US dollars) will be charged to you, via invoice, upon receiving your application. In order to prevent the misuse of the event for illegal travel to Brazil, only bona-fide delegates whose papers have been accepted and whose fees have been paid, will receive an official invitation, with which they can apply for a visa.

THANK YOU FOR THE REGISTRATION.

PLEASE FAX THIS FORM TO THE CONFERENCE TEAM AT: +49-40-42875-6079.

Some developments on education for sustainable development in higher education institutions

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Abstract

The implementation of sustainable development in higher education is a global trend. Yet, the intensity and the depth with which higher education institutions are taking on the challenge of sustainability, significantly differs.

This paper presents a global analysis about how higher education institutions are including sustainability issues in the different areas (e.g. teaching, research, outreach and institutional management) and describes the progress made in this field during the last 10 years. A special emphasis is given to the problems and barriers which prevent developments in respect of the integration of sustainability issues in higher education. Finally, some concrete steps which may be undertaken in order to allow universities to integrate sustainable development in their activities but also in regional development, are outlined. This paper will be useful to anyone interested in the different levels of emphasis given to sustainable development at higher education institutions across the world.