



EESD Conference objectives

Translating Sustainability into concrete targets

Acting for sustainable development: today this injunction is the subject of broad consensus.

The good intentions have been widely expressed, and translating these good intentions into concrete targets is the ambition which must inspire all education actors in sustainable development. They need to update and to exchange the objectives and contents of their courses and their teaching methods. Every two years, Engineering Education in Sustainable Development (EESD) conferences give this opportunity to engineering community.

The EESD 2002 conference was organized by the Delft University of Technology (TU Delft, Netherlands). The Technical University of Catalunya (UPC, Barcelona, Spain) welcomed the EESD 2004 participants.

Institut National des Sciences Appliquées de Lyon (INSA Lyon), Ecole Nationale des Travaux Publics de l'Etat (ENTPE), Ecole Nationale Supérieure des Mines de Saint-Etienne (ENSMSE) and Centre International de Ressources et d'Innovation pour le Développement Durable (CIRIDD) are pleased to organise the third edition, EESD 2006, in Lyon (France).

Introduction

Man's exploitation of the biosphere is threatening its very existence and delicate balance. As the world has become a global society, structural problems like depletion of resources, clean water, poverty and malnutrition are threatening the safety and stability of modern society. Over the last few decades, the pressure on the global environment has become self-evident, leading to a common outcry for sustainable development. In the words of the Brundtland report, we must learn to care for the needs of the present without comprising the ability of future generations everywhere to meet their own needs.

The awareness is there. What is required is a comprehensive strategy for building a sustainable future which is equitable for all human beings as highlighted by the Rio Conference (UNCED) in 1992 and confirmed in the recent Johannesburg Conference 2002. This requires a new frame of mind, new sets of values and new technologies that are ecologically, economically and socially sound.

EESD Conference Main Topics

Original papers covering new educational experiences, evaluation of concrete achievements and transferable activities are expecting on the following topics:

- Mutual learning and dialog with stakeholders (students, teachers, industries, local communities, conflict analysis, controversy, antagonism, ...)
- New courses (contents, tools and methods and scenarios) and curriculum development (complexity, cross-disciplinarity)
- Research in Education for SD (values, how-know, evaluations)
- What kind of engineers for industries and local communities (lifelong training, local industries needs, compatibility between offer and demand)

The main fields concerned by engineering education are:

- Energy and natural resources (industrial ecology, cleaner technologies, eco-design, LCA)
- Urban development (Sustainable buildings)
- Governance and corporate social responsibility
- Equity and development (poverty, unequal development, ...)
- Risks and Responsibilities

As do it after EESD2004 conference, a selection of papers will be proposed to different journals.

Instructions for authors

The organising committee invites the community to participate by submitting their abstracts in these areas. (Note: Authors should indicate the Conference theme(s) for which their document is best suited.)

Abstracts

- Number of pages: 1 (one).
- Size: A4
- Format : [download model](#) from EESD website.
- The Conference theme(s) to be addressed should be indicated.
- Avoid redefining the generally accepted definition of Sustainable Development according to the Brundtland report.

Full Documents

3 kinds of communication could be subscribed:

- long papers: - Length: maximum 10 pages (including references)
 - Format :
- short papers: - Length: 1 to 3 pages
- poster:

Submission Deadlines:

Abstracts and workshop proposals should be submitted by March 27th, 2006.

- Acceptance will be communicated before 15th, April 2006

Full articles should be submitted by **June 16th, 2006** (this deadline has been established in order to be able to include all the materials for the conference proceedings that will be distributed during the conference.)

The organising committee can decide on the format in which the communications will be presented (poster/paper).

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