

IADIS International Conference on Sustainability, Technology and Education (STE) 2012

The IADIS International Conference on Sustainability, Technology and Education 2012 was held in Perth, Australia, 28-30 November, 2012.

The IADIS International Conference on Sustainability, Technology and Education (STE 2012) aims to address the main issues which occur by assessing the relationship between Sustainability, Education and Technology.

Broad areas of interest are: Sustainability and Leadership, Sustainability and Green IT, Sustainability and Education. These broad areas are divided into more detailed areas. The following seventeen areas have been object of paper and poster submissions. However, innovative contributes that did not fit into these areas have also be considered since they are of benefit to conference attendees.

Sustainability and Leadership

- Sustainability and Management
- Corporate Social Responsibility and Sustainable Design
- Sustainable Design and Business Strategy
- Sustainability and Accounting
- Sustainability and Finance and Economic
- Sustainability and Marketing and Barding
- Technology Development and Innovation at Small and Medium-Sized Enterprises
- Sustainability and Natural Resources
- Sustainability and Sustainable Design
- Sustainability and Ethics
- Sustainability and Stewardships
- Sustainability, value and business strategy
- Sustainability and Social
- Sustainability and Culture
- Sustainability and Environment
- Sustainability and Law
- Sustainability and Developed Countries
- Sustainability and Developing Countries
- Sustainability and SME

Sustainability and Green IT

- Sustainability and Social Media
- Sustainability and Online Community
- Sustainability, Green IT and Internet
- Innovation of Green Technologies
- Green Procurement
- Green IT and Energy
- Green IT and e-Waste
- Technologies and Green IT
- Green IT and Sustainable Design
- Green IT Development and Sustainability
- Green Supply Chain and Logistics
- Sustainability and Green IT Policy and standards
- Green IT and Sustainability and escorting to change
- Sustainability and Green IT business
- Sustainability and Green IT Infrastructure
- Cloud computing and virtualization

Sustainability and Education

- Education and Training
- Accreditation
- Green IT and teaching
- Sustainability and Green Campus
- Education for Sustainability

- Sustainability and Curriculum frameworks
- Shifting toward Sustainability
- Sustainability and Future Generation
- Sustainability and e-Society

The IADIS International Sustainability, Technology and Education (STE 2012) conference received 90 submissions from more than 16 countries. Each submission was reviewed in a double-blind review process by an average of five independent reviewers to ensure quality and maintain high standards. Out of the papers submitted, 22 papers have been published, which means that the acceptance rate was 25%. These submissions include full papers, short papers and reflection papers.

Best papers will be selected for publishing as extended versions in the IADIS International Journal on WWW/Internet (IJWI) and in other selected journals.

In addition to the presentation of full papers, short papers and reflection papers, the conference also includes a keynote presentation from an internationally distinguished researcher. We would therefore like to express our gratitude to Professor Peter Newman, Professor of Sustainability at Curtin University in Perth, Australia.

Keynote Presentation:

K1 - SUSTAINABILITY, TECHNOLOGY AND EDUCATION: THE PILLARS OF THE NEW GREEN ECONOMY by Peter Newman, Professor of Sustainability Curtin University in Perth, Australia

Abstract

The next phase of economic development will be based on what is called the Green Economy. This will combine technologies that can simultaneously be smart and sustainable in order to enable us to decouple the fossil fuel-based economy from the need for growth in more liveable cities and regions. Evidence that this is happening rapidly will be presented as well as the challenge to accelerate the trends to avoid the triple threats of climate change, peak oil and loss of biodiversity. The new tools that will enable us to make sustainable cities including spatial planning tools, light rail and green centres complete with biophilic urbanism, will be demonstrated. How education can bring this into public and professional life will be discussed

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