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Recent Researches in Environmental Science & Landscaping

- Proceedings of the 5th WSEAS International Conference on Landscape Architecture (LA '12)
- Proceedings of the 1st International Conference on Lakes, Rivers, Groundwater and Sea (LARIGS '12)
- Proceedings of the 1st International Conference on Sustainable Cities, Urban Sustainability and Transportation (SCUST '12)
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- Proceedings of the 1st International Conference on Sustainable Tourism and Cultural Heritage (STACH '12)

University of Algarve, Faro, Portugal, May 2-4, 2012



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Preface

This year the 5th WSEAS International Conference on Landscape Architecture (LA '12), the 1st International Conference on Lakes, Rivers, Groundwater and Sea (LARIGS '12), the 1st International Conference on Sustainable Cities, Urban Sustainability and Transportation (SCUST '12), the 1st International Conference on Forests, Mountains, Valleys and Volcanoes (FOMOVAVO '12), the 1st International Conference on Science Parks and Technology Parks (SPATP '12) and the 1st International Conference on Sustainable Tourism and Cultural Heritage (STACH '12) were held at the University of Algarve, Faro, Portugal, May 2-4, 2012. The multiconference provided a platform to discuss landscape design, gardens, spatial behavior, lakes, rivers, groundwater, forests, mountains, sustainable tourism etc. with participants from all over the world, both from academia and from industry.

Its success is reflected in the papers received, with participants coming from several countries, allowing a real multinational multicultural exchange of experiences and ideas.

The accepted papers of this multiconference are published in this Book that will be sent to international indexes. They will be also available in the E-Library of the WSEAS. Extended versions of the best papers will be promoted to many Journals for further evaluation.

Conferences such as these can only succeed as a team effort, so the Editors want to thank the International Scientific Committee and the Reviewers for their excellent work in reviewing the papers as well as their invaluable input and advice.

The Editors

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Plenary Lecture 1

Multicultural Project-Better Future with Recycling Materials



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Abstract: Our international students project is distinguishable by multicultural and multidisciplinary approach, as well as a humanitarian side, as the students of pedagogical faculties and our grandparents has shown, when they helped us to produce more than interesting toys from recycled materials – Toys from grandmas chest and grandpas workshop. These toys were given to children in mothers Irma family. Part of the toys was also donated to SOS centres in Sarajevo and Macedonia, as a part of model of education by making toys from worn-out clothes and other waste materials. We have shown them how to make their own toys, which can be a fond memory of parents and grandparents. We also had a workshop in gipsy settlement, where children were shown how to make their own simple toys. We could certainly say that during the shaping and realization of project and by following our goals we all became a sort of family. Our ideas and solutions multiplied and spread, and as shown by students from pedagogical faculties and participants on symposium, took effect, when we made during a single week a lot of innovative toys from waste materials and donated them to homes where children live without or with single parent. Intercultural dialog became a homogeneous, although multicultural, group with more than 300 active participants and more than 300 receivers of toys under the motto “Make a toy and make somebody happy”. It should also be mentioned that for seven years International symposiums of technical creativity educators of Slovenia hosted international participants and young researchers from more than 13 countries, which make projects by the model of PUD-BJ.

Brief Biography of the Speaker: Jozica Bezjak is a professor of education at the University of Primorska. In the field of education she graduated, made her master and her PhD she made out of contemporary materials and technologies at the University of Ljubljana, Faculty of natural sciences and engineering. She takes the science research of new materials and technologies out of medicine and technique – shape memory alloys, contact materials in microelectronics and technik. Her second degree she achieved in a special field of engineering pedagogic: »ING – PEAD IGIP«. Afterwards he made her second PhD out of engineering pedagogic at the Alpen Adria University of Klagenfurt in Austria. Since 1986 she take her research, science and pedagogic work on the different science and pedagogic institutions: University of Ljubljana, Faculty of natural sciences and engineering, University of Ljubljana, Faculty of pedagogic, University of Primorska, Alpen Adria University Klagenfurt, University Usti nad Labin (Czech Republic). At the University Usti nad Labin she taught courses at the graduated and post-graduated program mathematic-technic, physic-technic and pedagogic. More than 692 works of her is to find in COBISS, of which more than 20 monographs. She received numerous of honors and awards – Sokrates excellence SOVA for the highest achievements in the field academic didactic ("special engaged and excellent teaching in higher education"), she was awarded with the highest national award of Slovenia for the highest achievements in scientific research and teaching (2005). She is the president of the Association of Teachers of technical creativity of Slovenia. Over the last ten years (2003 - 2011) was also president of the Organizing and Scientific Committee and editor of the International Scientific Symposium "Technical creativity in school's curricula with the form of projectlearning "From idea to the product" - from the kindergarten to the technical faculty", Portoroz, Slovenia.

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