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Advances in Environment, Biotechnology and Biomedicine

- Proceedings of the 1st WSEAS International Conference on Energy and Environment Technologies and Equipment (EEETE '12)
- Proceedings of the 1st WSEAS International Conference on Agricultural Science, Biotechnology, Food and Animal Science (ABIFA '12)
- Proceedings of the 1st WSEAS International Conference on Biomedicine and Health Engineering (BIHE '12)



Tomas Bata University in Zlín
Faculty of Management and Economics



**Tomas Bata University in Zlin, Czech Republic
September 20-22, 2012**



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Preface

This year the 1st WSEAS International Conference on Energy and Environment Technologies and Equipment (EEETE '12), the 1st WSEAS International Conference on Agricultural Science, Biotechnology, Food and Animal Science (ABIFA '12) and the 1st WSEAS International Conference on Biomedicine and Health Engineering (BIHE '12) were held at the Tomas Bata University in Zlin, Czech Republic, in September 20-22, 2012. The conferences provided a platform to discuss new trends in energy production in classical plants, waste management equipment, technological transfer in energy and environment equipment, agricultural biotechnology, animal biotechnology, bioinformatics and computational biology, biological data integration and visualization, biopharmaceuticals, evolution and phylogenetics etc with participants from all over the world, both from academia and from industry.

Their 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 these conferences 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.

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