

International Conference of Ecosystems (ICE)

Tirana, Albania, June, 2012



PROCEEDING BOOK

Essays on Ecosystem and Environmental Research



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Editors:

**Assoc. Prof. Dr. Sukru Dursun, Turkey
Prof. Dr. Massimo Zuchetti, Italy
Prof. Dr. F.K. Vosniakos, Greece
Assoc. Prof. Dr. Hysen Mankolli, Albania**

Support



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ICE conference, Tirana, Albania

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**2nd International Conference of Ecosystems (ICE2012)
Essays on Ecosystem and Environmental Research**

Organizing by:

Agriculture and Environment Faculty, AUT, Albania
Health and Environment Association, Tirana Albania
MIT, Massachusetts Institute of Technology, Cambridge (MA), USA
Journal of International Environmental Application Science (JIEAS), Turkey
International Journal of Ecosystems and Ecology Science (IJEES), Albania

Tirana, 02.06.2012

Opening Remarks at the 2nd International Conference of Ecosystems, Tirana, Albania

- Dear participants, professors, research, students and guests at the International Conference of Ecosystems
- Dear Mr. Minister of Education and Science, Prof. Muqerem Tafaj.
- Dear Mr. Rector of the Agricultural University of Tirana, Prof. Fatos Harizaj.
- Dear Mr. Dean of the Faculty of Agriculture and Environment, Prof. Ardian Maçi.
- Dear Mr. Vice Minister of Agriculture, Food and Consumer Protection, Prof. Tokli Thomaj.
- Dear Mr. Vice Minister of Environment, Forest and Water Administration, Prof. Taulant Bino.

Today, on June 2nd 2012, starts the 2nd International Conference of Ecosystems, Tirana, Albania.

Over 200 participants have contributed to this Conference with their work on ecosystems, agro ecosystems, biodiversity, land and water administration, environmental pollution, environmental research and education etc.

In the 2nd International Conference of Ecosystems there will be displayed several scientific works from Europe, Asia, Africa and the United States. Out of the many participants, 228 will be contributing as first authors and over 560 as co-authors.

The participants are representing over 160 universities and over 60 research institutes from the United States, Italy, Turkey, Morocco, Greece, Romania, Macedonia, Serbia, Montenegro, Kosovo, Moldova, Bosnia Herzegovina and Albania.

On behalf of the organizing committee, I would like to thank the Dean of the Faculty of Agriculture and Environment, Prof. Ardian Maçi for his continued support on the realization of this conference.

As coordinator of ICE2012, I declare this conference started.

I would like to invite the following to share their remarks:

- Dean of the Faculty of Agriculture and Environment, Professor Ardian MAÇI.
- Minister of Education and Science, Prof. Muqerem Tafaj.
- Vice Minister of Agriculture, Food and Consumer Protection, Prof. Tokli Thomaj.
- Vice Minister of Environment, Forest and Water Administration, Prof. Taulant Bino.
- Prof. Massimo Zucchetti, from MIT USA.
- Prof. Sukru Dursun, from Turkey.
- Prof. Vladimir Pesic, from Montenegro.

Thank you

Organizing Committee of the International Conference of Ecosystems, Tirana, Albania, June 2nd, 2012.

Coordinator
Prof.asoc.Dr. Hysen Mankolli



**2nd International Conference of Ecosystems (ICE2012)
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Tirana, 02.06.2012

**Word of greeting to the Dean of Faculty of Agriculture and Environment, Agricultural University of
Tirana, Albania in the ICE2012 conference**

By Prof. Ardian Maçi

- Dear Prof. Myqerem Tafaj, Minister of Education and Science of the Republic of Albania,
- Dear Prof. Tokli Thomaj, Vice Minister of Agriculture, Food, and Consumer Protection.
- Dear Prof. Taulant Bino, Vice Minister of Environment, Forests, and Water Administration
- Dear participants, professors, researchers and guests of the International Conference of Ecosystems, that begins today on June 2nd
- Dear organizers of the 2nd International Conference of Ecosystems, Professor Zucchetti, Dursun, and Mankolli.

As Dean of the Faculty of Agriculture and Environment, and on behalf of the Rector of the Agricultural University of Tirana, Prof. Fatos Harizaj, I would like to wish the conference excessive success on its conduction. Participating in this conference will be professors and researchers from the USA, Italy, Turkey, Greece, Macedonia, Montenegro, Kosovo, Morocco, Romania, Moldova, Bosnia Herzegovina and Albania. Considering the immense scientific contribution in this conference by professors from over 160 universities, the Faculty of Agriculture and Environment, Tirana, Albania, remains available for potential institutional cooperation in the development and execution of projects relating ecosystems, agro ecosystems, environment, land management, water administration, biodiversity etc. with the purpose of resolving matters in ecosystems, environment quality, and relations between universities.

Let this conference contribute to strengthening the reciprocal trust between researchers and professors. I believe the 2nd International Conference of Ecosystems that takes place in Tirana, will conclude to be successful in resolving any issues of ecosystems.

I wish the conference great success.

Dean of the Faculty of Agriculture and Environment
Agricultural University of Tirana, Albania

Prof. Dr. Ardian MACI

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