

ECOLOGY OF XXI CENTURY



Scientific Research and Environmental Education

Volume Editor:
ANTONIADE-CIPRIAN ALEXANDRU

**Proceedings of the International Conference
of the Ecological University of Bucharest**

EUB-2014, April 4-5, 2014 Bucharest, Romania

Ecology of XXI Century. Scientific Research and Environmental Education

Contents / Cuprins

ENGLISH SECTION.....	7
The Capital Markets Research Based on the Financial Quantitative Models, Ciprian ALEXANDRU, Nicoleta CARAGEA.....	8
Strengthening Financial Firms through Mergers and Acquisitions, Petru POPESCU.....	22
Competitive Advantages of the Entrepreneur Product in Bank Accounts, Ana-Alexandrina POPESCU.....	32
Analysis Models for Territorial Variation of Demographic Phenomena. The Case of Romania, Mariana BĂLAN, Raluca IORGULESCU.....	40
Another Monetary Inflation Coordinate. Studies on the US Federal Reserves' Monetary Base, Liviu ANDREI, Dalina ANDREI.....	48
Cointegration and VECM Approach in Explaining the Association of Some Macroeconomic Variables in Romania, Dalina ANDREI, Marioara IORDAN.....	59
Pros and cons Banking Union, Mariana PAJA.....	70
The Impact Foreign Direct Investment on Economic Growth in Romania, Alexandra Cristiana TUDOR.....	80
Wind Turbine Power Estimation by Physical Model, Cristian TSAKIRIS, Valentin PANDURU, Cristin BIGAN.....	88
Physical Model of Blood Circulation at the Aorta, Cristian TSAKIRIS, Valentin PANDURU, Ion Mircea RADU.....	97
Re-Evaluation of Hydrocarbons Origin is to be a Necessary Challenge, Marian RIZEA.....	107
The Relationships between the European Union Legal Order and the International Legal Order, Emilian CIONGARU.....	113
Optimizing the Technical Preparation of Yurchenko Vault by Means of Biomechanical Analysis, Vladimir POTOP, Emilia Florina GROSU, Adela POPA.....	119
Cultivation Theory and The Romanian Audiovisual Environment Post 1990. The (Post)Socialist Television, Svetlana SAUCIUC.....	132

ROMANIAN SECTION.....	140
Aspecte privind evoluția reglementărilor în domeniul dreptului aerospațial, Maria-Irina GRIGORE-RĂDULESCU, Corina Florența POPESCU.....	141
Contestația privind durata rezonabilă a procesului penal, Bogdan BUNECI.....	148
Cultura juridică română între constructivism și conservatorism, Andreea RÎPEANU, Cleopatra Ioana DRIMER.....	151
Implicații psihologice ale evaluării performanței profesionale, Constantin-Edmond CRACSNER, Bogdan HANGANU.....	157
Investiri identitare peste 20 de ani, Ruxandra GHERGHINESCU.....	170