



**RESEARCH PROJECTS
supporting by B.EN.A. – TUBORG in 2004**

No.	Project title	Beneficiary	Affiliation
1.	Measurements of the solar and wave energies during 2004 within AQUAPROIECT Station in Mangalia	Iulian Constantin	S.C. AQUAPROIECT S.A. Bucharest E-mail: office@aquaproiect.ro
2.	Study of the wastewaters and vegetal wastes resulted from the winemaking process	Romulus Campeanu	National Institute for Research and Development for Viticulture and Winery – Valea Calugareasca E-mail: icvv.vie.vin@xnet.ro
3.	Monitoring of the physical and chemical quality characteristics of some aquatic ecosystems from the Danube Delta Biosphere	Jana Petre	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: ecoind@incdecoind.ro
4.	Spatial – temporal dynamics of the biotic components, phytoplankton, zooplankton and benthonic macroinvertebrates in aquatic ecosystems from the Danube Delta Biosphere Reserve	Elena Voinea	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: ecoind@incdecoind.ro
5.	Research on the status of marine zooplankton population from the marine area situated under the influence of waste water dumping comparative with the adjacent area	Florin Timofte	National Institute for Marine Research and Development “Grigore Antipa” Constanta florintimofte@bumerang.ro
6.	Proposal for the geoinicators utilization within the touristic beaches classification; Case study Mamaia resort	Gheorghe Munteanu	National Institute for Marine Research and Development “Grigore Antipa” Constanta E-mail: rmri@alpha.rmri.ro
7.	Necessity and opportunity of creating and implementing a monitoring system of the atmospheres quality parameters in the Craiova Municipality	Ion Olteanu	University of Craiova Faculty of Horticulture E-mail: danapopa42@yahoo.com
8.	Impact assessment of the mining activity onto forests field: a case study for Anina area, Caras-Severin County	Dan Coheci	National Research and Development Institute for Industrial Ecology ECOIND – Timisoara E-mail: icehcoc@yahoo.com

SCHOLARSHIPS
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CATEGORY I - POST GRADUATE STUDENTS

No.	Project title	Beneficiary	Affiliation
1.	The ecological analysis of river systems and water management in Iron Gates Natural Park	Cristian Demostene Tetelea	University of Bucharest, Centre for Environmental Research and Impact Studies (CCMESI) E-mail: ozzytcd@yahoo.com
2.	Persistent organic pollutants (POPs) in the Danube River basin	Silviu Laurentiu Badea	University of Bucharest Faculty of Chemistry E-mail: badeasilviu@home.ro
3.	Coulometry–rapid analysis method for determination of organic halogen compounds from soil	Mariana Marinescu	Research Institute for Soil Science and Agrochemistry maramarinescu2003@yahoo.com
4.	Doping with oligoelements of natural zeolite in view to used for disinfections of water	Corina Haiduc	University Politehnica of Timisoara E-mail: haiduccorina@yahoo.com
5.	Analysis of the environmental impact related to the waste management within Iron Gates Natural Park	Radu Necsuliu	University of Bucharest Centre for Environmental Research and Impact Studies (CCMESI) E-mail: radun5@yahoo.com
6.	Quality study of Ialomita River water	Mihaela Zaharia	University of Bucharest Faculty of Chemistry E-mail: saaby1980@yahoo.co.uk
7.	Actual state of the macrozoobenthic biodiversity of the perennial macrophytic associations from the Romanian Black Sea	Sanziana Micu	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: sanziana_micu@yahoo.com
8.	The study about organophosphorous pesticides detection on water samples using free enzymes	Mihaela Bandac	University "Transilvania" of Brasov E-mail: endorfirra@yahoo.com
9.	Studies of organophosphorous pesticides detection using amperometric biosensors	Adina Carmen Plotogea	University "Transilvania" of Brasov E-mail: badeamihaela@yahoo.com
10.	The effects of different fractions from the <i>Yucca schidigera</i> extract on binding of NH ₃ liberated through cows and sheep's dejections that are used as fertilizers in organic vegetable growing cultures	Bogdan Andrei Sterian	University of Agricultural Sciences and Veterinary Medical (USAMV), Bucharest E-mail: cult@go.ro

11.	The assessment of the impact caused by alcoholic drinks production and bottling activity: brandy, vermouth, champagne.	Elena Ionita	National Research and Development Institute for Environmental Protection ICIM Bucharest E-mail: elena_ionita2002@yahoo.com
12.	The developing and testing of a mathematical integrated model for the analysis of the pollutants' atmospheric emission and dispersion.	Daniela-Ionela Ciolea	University of Petrosani E-mail: cdipentrucci@yahoo.com
CATEGORY II – YOUNG SCIENTISTS			
13.	Assessment of the environmental impact of the thermal power plant on soils with heavy metals.	Dan Adrian Istriteanu	Energy Research and Modernizing Institute ICEMENERG S.A. Bucharest E-mail: istriteanu@yahoo.com
14.	Development of some composite electrodes for the detection of heavy metals in traces of wastewaters and soil.	Victoria Cecilia Cristea (Filip)	University of Medicine and Pharmacy "Iuliu Hateganu" Cluj-Napoca E-mail: ccristea@umfcluj.ro
15.	Domestic warm water plant solar energy.	Liliana Glejaru	SC IPROCHIM S.A. Bucharest E-mail: liliana.glejaru@iprochim.ro
16.	Simulation of the ecosystem evolution in the NW part of the Black Sea, using the POM circulation model.	Emanuela Mihailov	National Institute for Marine Research and Development "Grigore Antipa", Constanta E-mail: mihailov@alpha.rmri.ro
17.	The quality control of water samples using enzymatic methods for organophosphorous pesticides detection.	Mihaela Badea	"Transilvania" University of Brasov E-mail: badeamihaela@yahoo.com
CATEGORY III – SCIENTISTS WITH SPECIAL CONTRIBUTIONS			
18.	Increase of the metal ions content in the polluting soil – risk factor for the accumulation in the vegetables and human body (Met-Ions).	Maria Jitaru	"Babes-Bolyai" University of Cluj-Napoca E-mail: mjitaru@chem.ubbcluj.ro
19.	Assessing the impact of the human intervention and the waves' action on the maritime Delta of the Danube with an application on the rehabilitation of the ecosystem and preservation of the biodiversity.	Dan Petru Lazar	Technical University of Civil Engineering of Bucharest E-mail: pdlazar@lycos.com
20.	Simultaneous removal technologies of some organic and inorganic pollutants from the water sources.	Vasilica Daescu	National Research and Development Institute for Environmental Protection ICIM Bucharest E-mail: daescu@icim.ro



RESEARCH PROJECTS
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No.	Project title	Beneficiary	Affiliation
1.	Chemical and biological methods in cleaning of the wastewater's containing naturals and man-made radioisotopes	Alexandru Cecal	"Alexandru I.Cuza" University of Iasi Departament of Inorganic Chemistry E-mail: acecal@ch.tuiasi.ro
2.	Assessment method of potentially pollution for iron and steel slugs leaching test	Cristian Predescu	Politehnica University of Bucharest E-mail: predescu@comet.pub.ro
3.	Potential utilization on stranded macroalgae on the Romanian Black Sea coast in ecological agriculture	Alice Sburlea	National Institute for Marine Research and Development "Grigore Antipa", Constanta E-mail: rmri@alpha.rmri.ro
4.	The study of Bugeac Lake in order to be assure the protection of waterflow habitats	Lucica Tofan	University "Ovidius" Faculty of Natural Sciences Constanta E-mail: luciatofan@univ-ovidius.ro
5.	Studies regarding recycling of wastes resulted from beer production process and valorification in agriculture	Maria Iliescu	Viticulture and Ecology Research and Development Centre for Wine Blaj E-mail: maria_iliescu@yahoo.com
6.	Recycling of sulphate -type wastes resulted from organic processes	Rozsika Szabo	Research Institute for Auxiliary Organic Products Medias E-mail: icpao@birotec.ro
7.	Ecosolvents, paint – strippers for coatings	Maria Miklos	Research Institute for Auxiliary Organic Products Medias E-mail: icpao@birotec.ro
8.	Screening of anthropogenic pollution over Bucharest city by using magnetic proxies	Cristian Panaiotu	University of Bucharest Laboratory of Paleomagnetism E-mail: panaiotu@geo.edu.ro
9.	The recycling methods of solid rubber scrap (no final report)	Ana Scarlat	S.C. ZECASIN S.A. Bucharest E-mail: zecasin@com.pcnnet.ro
10.	Catalytic removal of potential toxic compounds in fuel oils from the pyrolysis of polyner waste	Mihai Brebu	Institute of Macromolecular Chemistry „Petru Poni” Iasi E-mail: bmihai@icmpp.tuiasi.ro

No.	Project title	Beneficiary	Affiliation
11.	The environmental study of radioactivity around CNE CERNAVODA	Claudia-Marilena Puscasu	Environmental Protection Agency of Constanta Radioactivity Laboratory ipmcta@tomrad.ro
12.	Elaboration and implementation of control mechanism for gas pollution evolution in road vehicles emission	Costel Bejan	Road Vehicles Institute SC INAR SA Brasov E-mail:inarbv@rdsbv.ro
13.	Research regarding the recycling of the steel plant dust in siderurgic industry	Teodor Heput	Politehnica University of Timisoara Faculty of Engineering Hunedoara E-mail:heput@fih.utt.ro
14.	Monitors – integrated system for automated monitoring of sound level in Iasi city. Study and solutions for phonic pollution lowering	Hariton-Nicolae Costin	Academic Foundation "Ideas and facts for 2000" Iasi E-mail:edoniga@ch.tuiasi.ro E-mail:if2000@email.ro
15.	Assessment of sedimentation rates in reservoirs using ¹³⁷ Cs as tracer	Romulus Mircea Margineanu	"Horia Hulubei" National Institute of Physics and Nuclear Engineering Bucharest E-mail:romulus@ifin.nipne.ro
16.	Development of a guide for the management of the protected caves and the protocol for the touristic caves in Romania	Oana Moldovan	Romanian Academy Cluj Napoca Branch, Institute of Speology "Emil Racovita" E-mail:oanamol@hasdeu.ubbcluj.ro
17.	Monitoring of radioactive level in order to avoid the environmental risks from Iasi-Vaslui area	Igor Cretescu	"Gheorghe Asachi" University of Iasi Faculty of Industrial Chemistry E-mail:icre@ch.tuiasi.ro E-mail:icre1@yahoo.co.uk

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CATEGORY I - POST GRADUATE STUDENTS

No.	Project title	Beneficiary	Affiliation
1.	Heavy metal rivers basin pollution in the Apuseni Mountains (Crisul Alb, Aries and Certej)	Mihaela Serban	University Bucharest, Faculty of Geography E-mail:geoinst@rnc.ro E-mail:mihaserb@yahoo.com
2.	Studies on the waste environmental legislation in the European Union countries, the common legal framework and the progress made by Romania for the implementation of the communitarian acquis for wastes	Virgil Bratanescu	Romanian Senate E-mail:gil@senat.ro
3.	Laboratory experiments to establish the Best Available Techniques for treatment of oily wastewater's and for characterisation of resulted sludge, in iron and steel industry	Ecaterina Matei	Institute of Metallurgical Research - Department of Environmental Protection Bucharest E-mail:savin@metal.icem.ro
4.	Comparative study of solid waste recycling legislation in Romania and European Union	Cristina Batranu	"Ovidius" University Constanta, Faculty of Law E-mail:batranuc@yahoo.com
5.	A method to remove the nitrogen oxides from the combustion gases of deposits coals	Violeta Niculescu	National Institute for Research and Development for Cryogenic and Isotopic Technologies, Ramnicu Valcea E-mail:violeta@icsi.ro
6.	The implementation of the Directive's costs regarding controlled of the wastes	Sterica Serban	S.C. Euroshipping Constanta Port
7.	Use of recycled rubber from waste tires in polymer composites with various applications	Iulia Francu	Research Institute Of Auxiliary Organic Products Medias E-mail:icpao@birotec.ro
8.	The ecological reconstruction of the surface mining affected terrains (sterile dumps) from the Mehedinti Mining Exploitation, Husnicioara quarry	Ana-Maria Mocanu	University of Craiova Faculty of Horticulture E-mail:ana_m3310@yahoo.com
9.	Valorification of lignocellulosics resuted as by products in the pulp and paper industry	Raluca Petronela Dumitru	Institute of Macromolecular Chemistry „Petru Poni” Iasi E-mail:rdumi@poni.icmpp.tuiasi.ro

CATEGORY II – YOUNG SCIENTISTS

10.	Method to determine house heating systems impact on air quality in urban areas	Francisc Popescu	University "Politehnica" of Timisoara Faculty of Mechanical Engineering E-mail:ingfrancisc@gmx.net
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