



**RESEARCH PROJECTS
supporting by B.EN.A. – TUBORG in 2003**

No.	Project title	Beneficiary	Affiliation
1.	New methods of control and treatment of wastewaters which contain metallic ions	Maria Jitaru	"Babes-Bolyai" University of Cluj-Napoca Faculty of Chemistry and Chemical Engineering E-mail: mjitaru@chem.ubcluj.ro
2.	Erosion tendency along Venus resort beach on the Romanian Black Sea littoral under natural environment	Iulian Constantin	AQUAPROIECT – Bucharest E-mail: office@aquaproiect.ro
3.	Control of the eutrophication indicators and of some xenobiotic compounds in the recreational Buda – Mihailesti Lake for the evaluation of the risks of the aquatic ecosystem and the human health	Vasile Sorin Balan	National Institute of Marine Geology and Geoecology-GeoEcomar Bucharest E-mail: goaie@geoecomar.ro
4.	Testing methods for the physico-chemical properties of dangerous substances, according to the European Union legislation	Liliana Cruceru	National Research and Development Institute for Industrial Ecology ECOIND Bucharest E-mail: ecoind@ecoind.ro
5.	A new procedure for the SO ₂ removal in fluidized bed for boilers of low thermal capacity used in Romania	Constantin Barbu	Engineering, Research, Designing for Thermopower Equipment- S.C. ICPET S.A. Bucharest E-mail: icpet_dpm@pcnet.ro
6.	Study of the biodiversity of some marine and terrestrial coastal ecosystems from the Southern Romanian Black Sea Seaside	Iorgu Petrescu	National Natural History Museum "Grigore Antipa" Bucharest E-mail: iorgup@antipa.ro
7.	Assessment of the environmental mining sights impact regarding the pollution control and ecological reconstruction of the affected areas by the mine spills	Cristina-Ileana Babeanu	University of Craiova Faculty of Chemistry E-mail: cbabeanu@yahoo.com

No.	Project title	Beneficiary	Affiliation
8.	The function of the biotic components of nutrient cycling and recycling processes in lake aquatic ecosystems of the Danube Delta and their involvement in the N and P removal process	Elena Voinea	National Research and Development Institute for Industrial Ecology ECOIND Bucharest E-mail: ecoind@ecoind.ro
9.	The study regarding the wastewaters treatment in external recirculated "air-lift" apparatus	Paul Vasilescu	University Politehnica of Bucharest Faculty of Chemistry E-mail: p_vasilescu@chim.upb.ro
10.	Education of pupils on pollution prevention, environmental protection and preservation in parallel with their implication in solid waste collecting and capitalization	Nela Rotaru	National Research and Development Institute for Industrial Ecology ECOIND Bucharest E-mail: ecoind@ecoind.ro
11.	Recovering treatment of aqueous systems unpurified by Cd (II) and Pb (II) and their valorization as oxides and salts	Ligia Stoica	University Politehnica of Bucharest Faculty of Chemistry E-mail: l_stoica@oxy.pub.ro
12.	Study of the evolution of the vegetative carpet on Navodari phosphogypsum dump, developed in order to prevent the pollution of the Black Sea and of the other ecosystem from the area	Gheorghe Campeanu	University of Agronomical Sciences and Veterinary Medicine–Bucharest (USAMV) Faculty of Biotechnologies E-mail: campeanu@chem.usab.ro
13.	Amnestic toxins bioaccumulation in bivalves from so-called "clean" and "polluted" sites of the Black Sea coast	Daniela Tiganus	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: rmri@alpha.rmri.ro
14.	Cause-effect relationship evaluation of marine benthic organisms mortalities from shallow waters; environment assessment	Valeria Abaza	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: rmri@alpha.rmri.ro
15.	The utilization of local marine epibiota filter feeding bivalves as biological cleaners of wastewater inflow in polluted sites	Cornel Ursache	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: rmri@alpha.rmri.ro
16.	The estimation of the risk concerning the pollution and degrading soils process, using measures of ecopedological reconstruction in Cumpana – Agigea – Tuzla area, Constanta County	Neculai Andreiasi	„Ovidius” University of Constanta Faculty of Natural Sciences and Agriculture Sciences E-mail: rectorat@univ-ovidius.ro

No.	Project title	Beneficiary	Affiliation
17.	The pollution impact on the shallow waters benthic biocenosis from the Romanian seaside (Cap Midia – Vama Veche)	Adrian Bavaru	University „Ovidius” of Constanta Faculty of Natural Sciences - Biology E-mail: biologie@univ-ovidius.ro
18.	Mangalia Pond – rehabilitation for rendering back into the tourist circuit of the Romanian Seacoast.	Hristu Uzun	National Administration Romanian Waters Dobrogea-Litoral Direction, Constanta E-mail: relatii@waterct.ro
19.	Valorisation of the waste bottles of polyethylene terephthalate (PET) by their reprocessing into chips (bottle collecting and processing).	Olga Popescu	Chemical Engineering Company IPROCHIM S.A. Bucharest E-mail: olga.popescu@iprochim.ro
20.	Experiment of physical pattern of Black Sea wave energy capturing device for preventing / controlling of the coastal erosion.	Alexandru-Gabriel Tatu	Civil Engineering Technical University of Bucharest, Faculty of Hydro-Technical Email: tatu@hidro.utcb.ro

**SCHOLARSHIPS
supporting by B.EN.A. – TUBORG in 2003
CATEGORY I - POST GRADUATE STUDENTS**

No.	Project title	Beneficiary	Affiliation
1.	Study on the possibilities of hexavalent chromium (Cr ⁶⁺) removal using phenol compounds as electron donors in aerobic bacteria beds using heterotrophic bacteria.	Ciprian Dumitrescu	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: ecoind@ecoind.ro
2.	Assessment of the human impact onto reptiles and amphibians from Bucharest.	Paula-Oana Popa	University of Bucharest, Faculty of Biology E-mail: OanaPaulaPopa@hotmail.com
3.	Elaboration of two ecological product specifications for textiles and packages based on the standing Romanian and European Legislation.	Maria-Laura Maxim	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: ecoind@ecoind.ro
4.	Technology for organic non biodegradable dispersal waste treatment.	Marilena-Maria Paraschiv	University Politehnica of Bucharest, Faculty of Chemistry E-mail: mariparaschiv@hotmail.com

5.	Comparative study of the present ecological situation of ecosystems within the coastal cells limited by protective dugs in Mamaia and Mangalia.	Adrian Teaca	"Ovidius" University of Constanta Faculty of Natural Sciences – Agriculture E-mail: adrianxteaca@yahoo.com
6.	Study on the distribution and the state of the <i>Vipera Ammodytes</i> species, within the Iron Gates Natural Park.	Viorel-Dan Popescu	University Bucharest Faculty of Geography Centre for Environmental Research and Impact Studies (CCMSI) E-mail: viorelpo@yahoo.com
7.	Assessment of the non-ferrous metallurgical industrial activities impact on the Ampoi River Basin – Case Study: Zlatna area.	Cristian-Ioan Ioja	University Bucharest Faculty of Geography Centre for Environmental Research and Impact Studies (CCMSI) E-mail: ioja2000@k.ro
8.	Studies on European Acquis of environmental horizontal legislation and its implementation in the Romanian Legislation.	Virgil Bratanescu	Romanian Senate E-mail: gil@senat.ro

CATEGORY II – YOUNG SCIENTISTS

No.	Project title	Beneficiary	Affiliation
9.	Study of the seasoning structure of the gelatinous zooplankton within Mamaia Bay	Florin Timofte	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: rmri@alpha.rmri.ro
10.	Study of the oxidative stress phenomenon using <i>Mytilus galloprovincialis</i> species in order to assess their value as bioindicators (biomarkers of the marine water pollution)	Stelian Schiopu	"Ovidius" University of Constanta Faculty of Natural Sciences – Biology E-mail: stelian@univ-ovidius.ro
11.	Influence of heavy metals and cyanide in surface water upon the groundwater community structure in the Aries River (Middle Basin)	Sanda Iepure	„Emil Racovita” Institute of Speology Cluj-Napoca E-mail: siepure@hasdeu.ubbcluj.ro



**RESEARCH PROJECTS
supporting by B.EN.A. – DELTA in 2003**

No.	Project title	Beneficiary	Affiliation
1.	The estimation of the population of <i>Callinectes sapidus</i> crabs from the coastal area of Romania and the possible use of this species in aquaculture activities on the Romanian coast	Razvan Popescu-Mirceni	Society of Oceanographical Exploration and Environmental Protection „Oceanic Club” Constanta E-mail: oceanic-club@home.ro
2.	The taking up of the methods of determining the ecotoxicity (according to the 67/548/EEC Directive, annex V- part C) for the implementation of the EU legislation for dangerous substances/complexes and of the Good Laboratory Practice principles – GLP	Gentiana Rusu	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: icpear@sunu.rnc.ro
3.	Gluten intolerance is also a Romanian reality	Gabriela Nedita	Institute of Food Bioresources Bucharest E-mail: inraa@bioresurse.ro
4.	Analytical techniques for prevention of fraud in coffee quality	Aurelia Meghea	University Politehnica of Bucharest Faculty of Chemistry E-mail: a_meghea@chim.upb.ro
5.	The study of the impact of unpolluted agricultural technologies on the physical and agrochemical properties of the cultivation soil from dammed Uzlina area – Danube Delta	Spiridon Chivulete	Institute of Pedology and Agrochemical Researches (ASAS) Bucharest E-mail: mdumitru@icpa.ro
6.	New methodologies of using fungi for the removal of pollutants, particularly hydrocarbons, heavy metals and pesticides from soil	Virginia Cucuianu	University of Agronomy Sciences and Veterinary Medicine–Bucharest (USAMV) Faculty of Biotechnologies E-mail: campeanu@chem.usab.ro
7.	Evaluation of the anthropic activities impact on the Danube’s waters in the Cetate – Calafat region. Measures and actions proposed for ecological equilibrium restoration	Daniela Popa	University of Craiova Faculty of Horticulture and Environmental Engineering E-mail: danapopa42@yahoo.com

No.	Project title	Beneficiary	Affiliation
8.	Phytoplankton evolution trends influence by humic acid in the Danube Delta lakes and the impact on the accelerated eutrophication of aquatic ecosystems	Paraschiva-Liliana Torok	National Institute of Research and Development Danube Delta Tulcea INCDD Tulcea E-mail: office@indd.tim.ro
9.	Monitoring of the physico-chemical quality characteristics of the water in the Danube Delta Biosphere	Jana Petre	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: ecoind@ecoind.ro
10.	Ecological certification of the Romanian food products	Nela Rotaru	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: ecoind@ecoind.ro
11.	The treatment of the solid waste heaps in chemical fertilizers industry	Dumitru Micu	Institute of Designing fro Environmental Protection S.C. IPROMED S.A. Bucharest Email: ipromed@pcnet.ro
12.	Bacteriological contamination of economically important mollusks from the Romanian Marine Black Sea Coast and risk evaluation on public health	Elena Dumitrescu	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: rmri@alpha.rmri.ro
13.	The researches concerning the biogeomorphologic impact of hydro technical construction for coastal protection constructed in Navodari-Constanta North area	Razvan-Doru Mateescu	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: rmri@alpha.rmri.ro
14.	Knowledge of the association of marine organisms structure living in ballast water tanks of ships which operate in the Constanta maritime harbor	Camelia Dumitrache	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: rmri@alpha.rmri.ro
15.	The evaluation of marine pollution degree using the variation of oxidative stress enzyme's activity from the fish tissues <i>Apollonia melanostoma</i>	Dragomir Coprean	University „Ovidius” Constanta E-mail: dcoprean@univ-ovidius.ro
16.	The monitoring of sediments quality on the Danube River, in Uzlina and Murighiol sections	Hristu Uzun	Romanian Waters Company, Dobrogea Littoral Division, Constanta E-mail: relatii@waterct.ro
17.	Paramagnetic resonance and reorology for identification of the irradiated coffee beans	Mariana-Mirela Brasoveanu	National Research and Development Institute for Laser Physics, Plasma and Radiations (INCDFLPR) Bucharest – Magurele E-mail: medianu@ifin.nipne.ro

SCHOLARSHIPS
supporting by B.EN.A. – DELTA in 2003
CATEGORY I - POST GRADUATE STUDENTS

No.	Project title	Beneficiary	Affiliation
1.	Physical proceeding for wastewater with high aromatic hydrocarbons content treatment	Ionelia-Luminita Tone	University Politehnica, Bucharest, Departament Petro and Carbochemical Technology E-mail: tone_luminita@hotmail.com
2.	Pollution's control and prevention resulted from a beer plant's functioning in Romania	Daniela Szabo	National Institute of Research and Development for Environmental Protection ICIM Bucharest E-mail: danavsz@yahoo.com
3.	Researches on some technologies' elaboration of food industry waters' advanced purifying	Sevastita Vraciu	National Institute of Research and Development for Environmental Protection ICIM Bucharest E-mail: vraciu@icim.ro
4.	Approximation of Romanian legal framework with EU Directives; Water and living resources management	Raluca Turcanu	SC Amitim Intl Consult Bucharest E-mail: amitim@xnet.ro
5.	Comparative analysis of the organic biodegradable municipal waste management in Romania and in the European Union and elaboration of a strategy for its improving in Romania	Lucia-Andreea Stark	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: ecoind@ecoind.ro
6.	Study on the effect of pollution on biodiversity of bacteria from the Black Sea	Elena Stoica	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: estoica@alpha.rmri.ro

CATEGORY II – YOUNG SCIENTISTS

No.	Project title	Beneficiary	Affiliation
7.	The increase of α -amylase production by using new methods	Bogdan-Andrei Sterian	University of Agronomy Sciences and Veterinary Medicine–Bucharest (USAMV) E-mail: cult@go.ro
8.	Supporting activities with the view to authorizing the New Environmental Professions Center of Constanta	Tania Zaharia	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: zahar@alpha.rmri.ro