



**RESEARCH PROJECTS**  
**supporting by B.EN.A. – TUBORG in 2002**

No.	Project title	Beneficiary	Affiliation
1.	Techirghiol Lake - a unique ecosystem of the Romanian Black Sea Coast - evolution of water and quality of therapeutic mud	Hristu Uzun	CN Romanian Waters S.A. Dobrogea Waters Department E-mail: <a href="mailto:relatii@waterct.ro">relatii@waterct.ro</a>
2.	NO <sub>x</sub> monitoring in air quality measurements by the diffusive sampling technique	Elisabeta Mitran	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: <a href="mailto:ecoind@incdecoind.ro">ecoind@incdecoind.ro</a>
3.	Experimental works concerning the evolution of the erosion on Mangalia beach and particular protection solution	Liliana Dragan	AQUAPROIECT SA Bucharest E-mail: <a href="mailto:aqua@hi.ro">aqua@hi.ro</a>
4.	Control of the microbiologic and eutrophication indicators in Baneasa Lake for the evaluation of the aqueous environmental quality in recreational activities	Aurelia Grosu	National Institute of Marine Geology and Geoecology – GeoEcomar Bucharest E-mail: <a href="mailto:goaie@geoecomar.ro">goaie@geoecomar.ro</a>
5.	Study into the depollution of ROMAERO plant on sludge with heavy toxic metals content by valorification/immobilization of the metals in construction materials	Romanita Teodorescu	Institute of Non Ferrous and Rare Metals S.A. IMNR Bucharest E-mail: <a href="mailto:imnr.@sunu.rnc.ro">imnr.@sunu.rnc.ro</a>
6.	Assessment of the impact and environmental risk generated by the food industry's activities. Methods, techniques and strategies based on clean technologies for pollution's prevention and control	Daniela Popa	University of Craiova, Faculty of Horticulture E-mail: <a href="mailto:danapopa42@yahoo.com">danapopa42@yahoo.com</a>
7.	Modern technics for dust emission reduction by improving the electrostatic purification performances, optimizing the electric field in the active zone of electrostatic precipitators (ESP's)	Rodica Macarie	Engineering, Research, Designing for Thermopower Equipment SC ICPET SA Bucharest E-mail: <a href="mailto:icpet.dcz@art.ro">icpet.dcz@art.ro</a>
8.	Fisheries resources conservation strategy in the Danube Delta – Black Sea sector	Irina Cernisencu	National Institute for Research and Development Danube Delta Tulcea INCDD Tulcea E-mail: <a href="mailto:office@indd.tim.ro">office@indd.tim.ro</a>

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9.	Evaluation of early effects of marine environmental pollutants on the reproduction of bivalves using histological biomarkers.	Corina Ciocan	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: <a href="mailto:rmri@alpha.rmri.ro">rmri@alpha.rmri.ro</a>
10.	A study of favorable areas for the ecological diving tourism development on the Romanian coast.	Razvan Popescu-Mirceni	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: <a href="mailto:rmri@alpha.rmri.ro">rmri@alpha.rmri.ro</a>
11.	A pilot study regarding the inclusion of Romanian tourist beaches in the European "blue flag" award of beach quality.	Claudia Coman	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: <a href="mailto:rmri@alpha.rmri.ro">rmri@alpha.rmri.ro</a>
12.	Study of marine wave actions on the seacoast with practical application for the Romanian littoral protection.	Alexandru Gabriel Tatu	University of Technical Construction, Faculty of Hydraulics and Environmental Protection Bucharest, E-mail: <a href="mailto:tatu@hidro.utcb.ro">tatu@hidro.utcb.ro</a>
13.	Elaboration of a draft course for environmental protection and it's implementation in Romanian secondary schools.	Nela Rotaru	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: <a href="mailto:ecoind@incdecoind.ro">ecoind@incdecoind.ro</a>
14.	Implementation of an oil spill sources identification system based on fingerprint method at the Environmental Protection Agency-Constanta.	Dumitru Staniloaie	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: <a href="mailto:ecoind@incdecoind.ro">ecoind@incdecoind.ro</a>
15.	Education and awareness of pupils regarding prevention of pollution, protection and preservation of the environment together with collecting and capitalization of solide wastes.	Radu Mihai	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: <a href="mailto:ecoind@incdecoind.ro">ecoind@incdecoind.ro</a>
16.	A case study concerning the removal of pollution due to discharge of wastewater from a textile factory	Laura Duda	National Research and Development Institute for Industrial Ecology ECOIND Timisoara Department E-mail: <a href="mailto:lduda@rectorat.utt.ro">lduda@rectorat.utt.ro</a>
17.	Environmental professions-a necessity to create new jobs in Constanta county	Lucica Tofan	University "Ovidius" Constanta Faculty of Nature Science E-mail: <a href="mailto:luciatofan@seanet.ro">luciatofan@seanet.ro</a>
18.	Assessment of the qualitative and quantitative state of coastal ecosystems from the Vadu-Gura Buhaz zone and of their evolution tendencies in the conditions of the discharging of treated wastewaters	Lucica Tofan	University "Ovidius" Constanta Faculty of Nature Science E-mail: <a href="mailto:luciatofan@seanet.ro">luciatofan@seanet.ro</a>

**SCHOLARSHIPS**  
**supporting by B.EN.A. – TUBORG in 2002**  
**CATEGORY I - POST GRADUATE STUDENTS**

<b>No.</b>	<b>Project title</b>	<b>Beneficiary</b>	<b>Affiliation</b>
1.	PRIMER 5 soft and diversity indices utilization for phytoplankton data processing	Camelia Andrei	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: <a href="mailto:c_andrei@alpha.rmri.ro">c_andrei@alpha.rmri.ro</a>
2.	Study on the impact of Romanian industrial production on environment components	Gheroghe Pancescu	National Institute For Environmental Protection (ICIM) Bucharest <a href="mailto:georgepancescu@yahoo.com">georgepancescu@yahoo.com</a>
3.	Analysis of the level of Romanian environmental legislation, on wastes issues is aligned to the European Union legislation in the field	Mihaela Larisa Vass	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: <a href="mailto:ecoind@incdecoind.ro">ecoind@incdecoind.ro</a>

**CATEGORY II – YOUNG SCIENTISTS**

4.	Advanced purification of waste waters coming from metallurgy plants	Liliana Gherghe	Institute of Non Ferrous and Rare Metals S.A. IMNR Bucharest E-mail: <a href="mailto:imnr.@sunu.rnc.ro">imnr.@sunu.rnc.ro</a>
5.	Pollution bioindices for heavy metals into the marine environment	Andra Oros	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: <a href="mailto:andra@alpha.rmri.ro">andra@alpha.rmri.ro</a>
6.	Investigation on the using possibility of Halomonas sp. for biological treatment of waste waters	Elena Stoica	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: <a href="mailto:estoica@alpha.rmri.ro">estoica@alpha.rmri.ro</a>
7.	Investigations on the possibility of using oxidative enzymes as bioindices of pollution with persistent toxic organic compounds	Valentina Coatu	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: <a href="mailto:vcoatu@alpha.rmri.ro">vcoatu@alpha.rmri.ro</a>
8.	Study of the ecological regeneration potential into the artificial habitats of Constanta beach areas	Daniela Mircea	National Institute for Marine Research and Development "Grigore Antipa" Constanta E-mail: <a href="mailto:mirdana@alpha.rmri.ro">mirdana@alpha.rmri.ro</a>
9.	The study of the pollutant gases permeation and diffusion across membranes	Cristiana Luminita Gijiu	University Politehnica Bucharest Faculty of Industrial Chemistry E-mail: <a href="mailto:L_GIJIU@chim.upb.ro">L_GIJIU@chim.upb.ro</a>

10.	Enhancement of phosphorus removal process in sequential batch bioreactors by using the hydrolyses resulted from primary sludge prefermentation as additional carbon source	Diana Dobre	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: <a href="mailto:ecoind@incdecoind.ro">ecoind@incdecoind.ro</a>
11.	Biological / toxicological methods for ecological risk assessment–prediction, prevention, reduction	Elena Voinea	National Research and Development Institute for Industrial Ecology ECOIND – Bucharest E-mail: <a href="mailto:ecoind@incdecoind.ro">ecoind@incdecoind.ro</a>
12.	Risk assessment on national level – critical analysis and enhancing methods in point of view of systemic ecology and world wide situation	Virgil Iordache	University of Bucharest Department of Systemic Ecology and Sustainability Development E-mail: <a href="mailto:virgil@bio.bio.unibuc.ro">virgil@bio.bio.unibuc.ro</a>
<b>CATEGORY III – SCIENTISTS WITH SPECIAL CONTRIBUTIONS</b>			
13.	Elimination of gaseous pollutants (sulphur and nitrogen oxides) of the industrial gases, by using technologies based on «non thermal plasmas» induces by irradiation with accelerated electrons beams and microwave	Ecaterina Ianculescu Zisulescu	Engineering, Research, Designing for Thermopower Equipment SC ICPET SA Bucharest E-mail: <a href="mailto:icpet_dpm@pcnet.ro">icpet_dpm@pcnet.ro</a>
14.	The study of technological residual waters which are obtained in the extraction process of active principles from medicinal plants	Carmen Elena Tebrencu	The Commercial Society for Medicinal Plant and Processing S.C.CCPP PLANTAVORELS.A. Piatra Neamt E-mail: <a href="mailto:plantavorel@csc.ro">plantavorel@csc.ro</a>