

P. C. E. R. - CSE PCER
ECOSYSTEM HELLAS
ECOEN – ECO-EARTH



CERTIFIED M.S.
ISO 9001:2015
2167/Δ

42 years of struggle
for the environment
and the consumer
for quality of life

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PANHELLENIC CENTER OF ECOLOGICAL RESEARCHES
CSE PCER-ECOSYSTEM HELLAS-ECOEN-ECO-EARTH

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WHAT IS P.C.E.R., CSE PCER, ECOSYSTEM HELLAS, ECOEN and ECO-EARTH

June 15, 1979: A group of scientists concerned about the problems that were created by rapid and unplanned development of the country so they decided to establish the first independent, dynamic social organization, giving it the name **P.C.E.R.** (PANHELLENIC CENTER OF ENVIRONMENTAL RESEARCHES).

After 42 years this institution deemed worthy from its efforts for a better quality of life and has created the prerequisites for the political leaders to change their way of thinking and the way they handle the ecological problems.

P.C.E.R., for 42 years, is the only organization producing its own raw data to juxtapose disguised data of each government party machine.

P.C.E.R. during this 42 years created four more organizations, the Center of Scientific Education P.C.E.R. (CSE PCER), the ECOSYSTEM HELLAS.

CSE. PCER forms and has as aim the education policy of PCER and ECOSYSTEM HELLAS the environmental policy of PCER, charged with the laboratory researches in all Greece. The organization OIKOEN forms the energy policy and the organization ECO-EARTH the rural policy.

PCER, CSE PCER, ECOSYSTEM HELLAS, ECOEN and ECO-EARTH for 42 years are the unique organizations who product their primary data to contrast against the camouflaged of any governmental party machine.

P.C.E.R., CSE, ECOSYSTEM HELLAS, ECOEN and ECO-EARTH are the organizations that followed through and inflicted the observation of the word "development" and from the point of view called "environmental impact".

P.C.E.R., CSE, ECOSYSTEM HELLAS, ECOEN and ECO-EARTH are the organizations that managed to break the status quo and give a new complexion to the term "*quality of life*".

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Of course, there is still a long way for the achievement of the goals that have been set from the beginning and during the forty years course. Of course, the faces change, but the institution of **P.C.E.R., CSE, ECOSYSTEM HELLAS ECOEN and ECO- EARTH** with its stable and unshakeable political view, remained and will remain a beacon of hope for the thousands of its supporters.

PRESENTATION

P.C.E.R., CSE, ECOSYSTEM HELLAS, ECOEN and ECO-EARTH are non-profit organizations of the private sector and their major aim is the improvement of the quality of life and environment and the consumer's protection.

They have organized scientific laboratories and groups of experts and researchers for the study of environmental problems and in order to conduct studies for integrated and feasible solutions to environmental issues.

Moreover, they make efforts to attain the public opinion's interest concerning environmental issues via educational seminars, instruction campaigns, newspapers, printed matter and TV and radio broadcasts.

Fields of interest of **P.C.E.R., CSE, ECOSYSTEM HELLAS, ECOEN and ECO-EARTH** cover a broad range of activities:

- Measurements of pollution - pollution in the sea, air and the land, in drinking water and food.
- Impacts of pollution on ecosystems and to public health
- Quality of work environment.
- Management and protection of forests, habitats and endangered species.

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- Application of alternative energy sources.
- Management of waste and toxic substances.
- Environmental studies
- Educational programs in the fields of environment, energy and food management.
- Control and disposal of ecological agricultural products

During its long-lasting trail, **P.C.E.R.**, **CSE**, **ECOSYSTEM HELLAS**, **ECOEN** and **ECO-EARTH** have developed international relations with institutes and organizations such as WWF, EPA, GSF, NAUMANN, BBC. PCER is also a member of UNEP, ECOROPA, IFOAM and IUCN for a better management and protection of the environment.

The persistent and effective presence of P.C.E.R., CSE and ECOSYSTEM HELLAS in diverse environmental issues is continually gaining ground at national level and have therefore to be regarded as the most serious and independent operators in the environmental sector.

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STAFFING OF P.C.E.R., CSE, ECOSYSTEM HELLAS ECO and ECO-EARTH

Head office:

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Staff specialties and Organization chart:

A. Board of Directors

President: Panagiotis Christodoulakis - Chemist – Geologist Ph. D

Vice President : Myron Fasoulakis –Vascular Surgeon

Vice President: Vasileios Zografos - Mathematician MSc

General Secretary: Constantinos Papalexakis - Mechanical Engineer

Special Secretary: Natalia Christodoulaki – Sanitarian

B. Scientific Council

President: Myron Fasoulakis –Vascular Surgeon

Vice Pres.: Ilias Pantazopoulos – Pediatric Cardiologist, Director Medical Center of Athens

General Secretary: Socratis Tsantiris – Medical Examiner

Members: Panagiotis Zagganas- Chemist, Maria Papadopoulou- Biologist

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Public Relations

Vasileios Zografos

D. Law-department

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Nick Dialynas

Dimitris Filipopoulos

Vasiliki Maurogianni

E. Research Department

Stelios Liodakis - Professor at
NTUA Maria Papadopoulou -
Biologist

F. Tutorial Department

Grigorios Kaklamanos- Chemical

G. Newspaper release

Stefanos Goulatis

H. Technical support/ PCs

Nikitas Christodoulakis

Vasileios Zografos

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EQUIPMENT OF P.C.E.F.



Laboratory Equipment- Laboratory Certification according to ISO 9001:2000

1. Spectrophotometer SPECTRONIC 20/20D Cat. No 33 31 72, SER. No 5520 PU
2. Spectrophotometer JUNIOR III ELMER.
Model. 678, Serial No 26981.
3. Spectrophotometer U – 1100. HITACHI. S : 5180. 658. Z: 659
4. FLAME FOTOMETER PFP 7
Cat. No 7700753, Model. PFP 7, Serial No 4974.
5. FILTROMAT ENVIRONNEMENT s.a. TYPE FILTROMAT SER. No E 102
6. MICROWAVE DIGESTER. Microdigest 301. PROLAB.
PROLABO : Code 06 334 014
- 6.2. TX – 32. Type: B. Serial No 76694. Code: 06 334 025
7. Noise measurement apparatus . CIRRUS. ASSET Code HPCE0002. No 106 11 10
8. Portable system for water analyses . WATER ANALYSES Model: 51600 S/N 93061077
9. pH meter. NR48680537.
10. Portable gas measurement apparatuses.
Measurement apparatus for: 0-1000 ppm NO, Model: G-818. Code: 92060394.
Measurement apparatus for: 0-1000 ppm Cl₂. Model: G-810. Code: 92060391.
Measurement device for: 0 – 100 ppm SO₂. Model: G-816. Code: 92060393.
Gas measurement apparatus for: 0 – 200 ppm H₂S,. Model: G - 813. Code: 92060392.
11. Portable spectrophotometer Photometer 5000. Model: Palintest.
12. FAG RADIOAKTIV. VORSICHT. FH40F2.
13. Magneto – Smog – Handy CTYA. Code: 9501850.
14. Metering device for electromagnetic energy. 3AXIS ELECTROMAGNETIK FIELD
METER. Model: EMF – 819. Code: I. 28618.
15. Metering apparatus of ionizing radiation . LANDIS- GYR . Type; EMB -3. N – 2179632, N – 21793773.
16. Vacuum pump «Staplex». Air Sampler Division. Model: TFIA - 2. Serial No: 22237N.
16. Vacuum pump. «Staplex». Air Sampler Division. Model: TFIA - 2. Serial
No: 22235N.
17. Water distillatory. Water Stills. 2002 2012. GFL. Model:
18. Water distillatory. EASYpyre™ LF. Compact ultrapure Water System.
Model: 07382. Serial No. 1052970818689.
19. HM DIGITAL (EC) Conductivity Meter
20. COD METER “ SIBATA“ Model:ET – 1. Code No: 0811052.
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21. pH METER F- 12 "HORIBA". Model: F – 12 E MGF. Code No: 005044.
22. ION METER N 8 F "HORIBA". Model: N – 8F. MGF Code No:111002.
23. Photo Printer . "SONY" DIGITALPHOTOPRINTER. SUPER COAT 2. Model: DPP–SV55. CodeNo:510763.
24. HEXANE. "HORIBA". Model: MEXA - 574GE. MFG. No. GE50041.
25. Scanner Visioneer. 6100 usb. Model:FU623D. P/N: 85 – 0044 – 300. S/N: 016A00083301.
26. Scanner. Plustek OptiPro A 31 PRINTER. F: BA 3400 BP. Code No: 3830363392.
27. Rainfall measuring apparatuses
28. Thermograph Type 405. Thermo– Hygrograph for RecordingofTemperatureandRelative Humidity. Model: 405. Type: 205 R. W – 5563. Code: 94322418.
29. IMR1200P. Industrielle. Mess– undRegelsysteme Posttach 222B. D–7100. Heilbonn. Type: IMR 1200P. Seril: 00617712.
30. Magneticstirrer. "CENCO" INSTRUMENTEN B. V. Cat. No. 34521. Lot No: A 0230.
31. F. FISHER VERSAMIX SCIENTIFIC. CO. Model: 115. Ser No: 102
32. Magnetic stirrer. "CENCO" 18851. Cat. No. 18851 – 017.
33. Apparatus for air pollutants measurements . STACKGAS SAMPLING UNIT. ENDA– 1000(P). Model:CFA–321A.MCFNo:56666307.
34. Incinerator. Heraeus. Typ.–815042E.
35. Autoclave . Certo Clav. Steam– Sterilizer. Typ. CV-EL IOL/12L.
36. PDO – 519 Dissolved Oxygen Meter
37. PCE – VOC 1 Air Quality Meter
38. PCE – RCM 10 Particle Counter

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29. IMR 1200P. Industrielle. Mess – und Regelsysteme Postfach 222B. D – 7100. Heilbronn. Type: IMR 1200P. Seril: 00617712.
30. Magnetic stirrer. "CENCO" INSTRUMENTEN B. V. Cat. No. 34521. Lot No: A 0230.
31. F. FISHER VERSAMIX SCIENTIFIC. CO. Model: 115. Ser No: 102
32. Magnetic stirrer. "CENCO" 18851. Cat. No. 18851 – 017.
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35. Autoclave . Certo Clav. Steam – Sterilizer. Typ. CV-EL IOL/12L.

A/A	Code Number	Name	Manufacturer /Model	Serial Number	Position in the Department	Reception control	User's manual	Maintenance	Calibration /Confirmation
1		Pump "Staplex" for measurement of air suspended Particles (T.S.P)	Staplex Co./TFIA 2	23650N			YES	We replace the coal parts after about 800-1000 hours of use	Calibration after the replacement of coal parts or when a test data point deviates more than (+ -) 7% from the curve.
2		Pump "Staplex" for measurement of air suspended Particles (T.S.P)	Staplex Co./TFIA 2	23651N			YES	We replace the coal pieces after about 800-1000 hours of use	>>
3		Pump "Staplex" for measurement of air suspended Particles (T.S.P)	Staplex Co./TFIA 2	23652N			YES	We replace the coal pieces after about 800-1000 hours of use	>>
4		Calibration System with air supply to "Staplex" pumps with metallic filters	Staplex Co.				YES		Calibrated from the manufacturer
5		Flowmeter (Slack Tube) - "Dwyer"	Staplex Co.						Calibrated from the manufacturer

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6		Pumps "Drager" (for air pollution measurements with Drager tubes)	Dragerwerk AG Lubeck / 1.Model 31 2.Tube Tip Breaker				YES		Not Necessary
7		Pumps "Drager" (for air pollution measurements with Drager tubes)	Dragerwerk AG Lubeck / 1.Model 31 2.Tube Tip Breaker				YES		Not Necessary
8		Noise meter CIRRUS	Cirrus Research Plc./ CRL 2,34	98361			YES		Calibration every 2 years
9		Noise meter CIRRUS	Cirrus Research Plc./CRL 2,34	98723			YES		Calibration every 2 years
10		Anemometer "DEUTA"					YES		Not Necessary
11		Anemometer "DEUTA"					YES		Not Necessary
12		Instrument for measurement of atmospheric pressure	FEINGE RATEBAN / 205R 943224 181	W5559			YES		Not Necessary
13		Instrument for measurement of atmospheric pressure	FEINGE RATEBAN / 205R 943224 181	W5563			YES		Not Necessary

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14		Instrum ent for rainfall measur ement	Wilh.La mbrecht				YES		Not Necessa ry
15		Instrum ent for rainfall measur ement	Wilh.La mbrecht				YES		Not Necessa ry
16		Thermo meter	Thermo Schneid er	5941/ 92					Calibrati on every 2 years
17		Thermo meter	Thermo Schneid er	5940/ 92					Calibrati on every 2 years
18		BERTHO LD- (α,β,γ,r /h)	Laborat orium Prof.Dr. Berthold / LB 1200				YES		Calibrati on every 2 years
19		BERTHO LD- (α,β,γ,r /h)	Laborat orium Prof.Dr. Berthold / LB 1200				YES		Calibrati on every 2 years
20		LUTRON	LUTRON / EMF 819	I 28618			YES		Calibrati on from the manufact urer
21		Magnet o- Smog- Handy TYP 60200 (50 Hz)		CTXA 95018 50			YES		Calibrati on from the manufact urer

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22		Water bath (MEMMERT)	Memmert GmbH	W 760R / 760037			YES		Test with thermometer
23		High Precision analytical balance 0,001g	Ohaus Corporation	Adventurer™ / AR0640			YES		Test with calibrated balance every 6 months
24		Incinerator "Memmert"	Memmert GmbH	U25 / 793302			YES		Calibration every 2 years
25		Centrifuge "Dr.N.Gerber"					YES		Not Necessary
26		Analytical balance 0,0001g	Precisa	X220a			YES		Calibration every 2 years
27		Incinerator "Memmert"	Memmert GmbH	U10 / 720524			YES		Temperature test with thermometer
28		Filtration systems "Millipore"					YES		Not Necessary
29		Allometre	Dujardin-Salleron	1530					
30		Hydrometre							
31		Alkometre Gau Lussac							

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32		Alkomet re Gau Lussac							
33		Density meters							
34		Incinerator "Heraeus"	BT 5042E / 800148 0				YES		Calibration every 4 years
35		MINERA LIGHT UVS-11	C6814						Not Necessary
36		Incinerator "Memmet"	Memmert GmbH	U10 / 801501			YES		Calibration every 2 years
37		Centrifuge for test tubes "Hettich" EBA III					YES		Not Necessary
38		Pressure Pump Millipore		WP61 22050 / 20600 00394 4			YES		Not Necessary
39		Ion-exchange resin for water deionization "IONEL"							Not Necessary
40		Bench-top autoclave Certoslav	KELOMAT, STERILIZER DIVISION	CV-EL 10/12 L			YES		Not Necessary

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41		Distillat ory	Gesellsc haft fur Laborte chnik mbH	GFL 2004 / 11390 408J			YES	Regular removal of salts	Not Necessar y
42		Spectro photom eter HITACH I	Hitachi High- Technol ogies Corp.	U- 2900 UV- VIS/1 908- 014			YES	Check reference curve for every measurement	Calibrati on every 2 years
43		ORION 080017 for measur ement of dissolve d oxygen in water DO	Thermo Electron Corpora tion	10513			YES		Calibrati on before each use
44		ph- meter	Wiss. Techn. Werksta tten	pH 90 / 48680 537			YES		Calibrati on before each use with Buffer Sol.
45		Stirrer for test tubes					YES		Not Necessar y
46		Magnetic stirrer "FISHER "	Fischer Scientifi c Co.	115			YES		Not Necessar y
47		Magnetic stirrer "CENCO "	CENCO INSTRU MENT B.V.	34521			YES		Not Necessar y
48		Αναδευτή ρας μαγνητικ ός "AGIMAT ICE"	SELECT A	239531			YES		Not Necessar y

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49		TURBIDIMETER	HACH 2100P	090806037491			YES		Calibration with standard solutions 0,1-20-100-800 NTU
50		CENTROSIX	J.P. SELECT A	326707			YES		Not Necessary
51		ROTABIT	J.P. SELECT A	244740			YES		Not Necessary
52		COD REACTOR	HACH	970200004831			YES		Not Necessary
53		ULTRATERM	J.P. SELECT A	244001			YES		Temperature check with thermometer

- ΠΑΝΕΛΛΗΝΙΟ ΚΕΝΤΡΟ ΟΙΚΟΛΟΓΙΚΩΝ ΕΡΕΥΝΩΝ
- ΚΕΚ ΠΑΚΟΕ - ΟΙΚΟΣΥΣΤΗΜΑ ΕΛΛΑΣ
- ΟΙΚΟΕΝ - ΟΙΚΟ-ΓΗ

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Office Equipment

1. PC's TURBOX (2) , Laptop HP (2)
2. PCs Compaq (2)
3. PC's HP (1)
4. PC's Core i – 3
5. Info Quest PC's (1)
6. Printers Deskjet HP (1), Konica Minolta (1)
7. Fax HP (1), Fax Epson (1)
8. Copy machine Zerox (1), Copy machine Konica Minolta (2)
9. Telephone Centre with 6 lines

Technical Equipment

1. Footage editing machine
2. Van Mercedes Vito
3. Passenger vehicle OPEL Astra
4. Passenger vehicle BMW 520

Library

1. Books and magazine (4.018 volumes)
2. Archive studies (17.124 studies)
3. Newspaper archive (725 issues)
4. Archive of paper articles concerning environmental issues (from 42 years ago)
5. Information material

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● EDUCATIONAL PROGRAMS ●

Since 1988, **P.C.E.R** has completed one hundred thirty five (135) educational programs funded at a percentage of 75% from the E.U and of 25% from the **P.C.E.R**. These programs offered theoretical instruction in issues concerning the protection of the environment and of the consumer (solid and liquid waste management, forest protection, recycling, food technology, protection methods for the consumer) and practical application concerning the above mentioned theoretical courses.

Moreover **P.C.E.R** carried-out a six-month instruction program from the Mediterranean Integrated Programs for the forest protection in the territories of Western Greece and of Peloponnese. This program has instructed 500 individuals for two and a half months. These 500 trainees gained practical training in the sector of fire and forest protection in general. The same program was held by **P.C.E.R** in the regions of Thessalian and Crete.

1992	Educational forests protection programs in: Patras, Egio, Dafni, Lala, Krestena, Pyrgos, Agrinio, Messoligi, Amfilochia, Vonitsa, Naupactus
1992	Renewable energy – Kopanos of Nausea
1992	Renewable energy – Komotini
1992	Renewable energy – Karditsa
1992	Environmental technology- Thasos
1992	Waste management – Evosmos of Thessaloniki Pesticide use – Drama, Axioupoli, Kilkis, Athens Lake/river treatment - Florina, Xanthus, Karditsa Agricultural meteorology - Serres, Kastoria, Naxos
1993	Forests protection program with educational center in Serres

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1993	Waste management – Aghios Nikolaos in Crete
1993	Variety and protection of water resources - Kalimnos
1993	Aquacultures and the right methods of management – Thiva, Amfissa
1992 -- 1997	Forest protection programs in two regions
1996 – 1997	Educational lectures and presentations on forest protection in 15 schools
1997 – 1999	Educational programs in 124 Greek schools
2000 – 2001	Educational school programs on roadsafety
2002	Educational programs of agricultural population in Ukraine – Moldova
2003	Educational programs in schools in Northern Bulgaria (Kozlodouï)
2004	Educational programs in Serbia – Bulgaria
2005	Educational programs in Albania – Ethiopia
2006	Educational programs in Bulgaria
2007	Educational programs in Serbia – Greece
2008	Educational programs in Greece – Italy – Kosovo
2009	Educational programs in Esthonia – Romania
2010	Educational programs in Greece – Skopia
2011	Educational programs in Municipality of Mandra
2011	Educational programs in Municipality of Zagora
2011	Educational programs in Municipality of Aghia Paraskevi
2012	Educational programs in Municipality of Zagora –Mouresiou
2013	Educational programs in Municipality of Mandra – Idilia
	Educational programs in Municipality of Kozani
2014	Educational programs in Municipality of Keratsini
	Educational programs in Municipality of Salamina
	Educational programs in Municipality of Oropos
2015	Educational programs in Municipality of Amaroussion
2015	Educational programs in Municipality of Mykonos
2016	Educational programs in Municipality of Lavreotiki
2017	Educational ecological excursions
2018	Educational ecological excursions
2019	Four ecological excursions with schools

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INTERNATIONAL ACTIVITIES

EUROPEAN UNION (EU)

- 1988 - 1990 Applications for participating in the programs DRIVE, EPOCH, STEP
Proposition for environmental training to Eleventh European Union
Headship
- 1989 Participation in the program MEDSPA with topic: “Garbage - Toxic
Waste”
- 1990 Enrollment in the list of Organizations which receive information
concerning the programs STEP, DRIVE, DELTA, MEDSPA, LIFE
- 1990 Application for participation in the European Environment Agency and
the European Office of Consumer
- 1990 Program for the development of relations with Eastern Countries
(Brussels)
- 1991 - 1995 Educational programs (118 in total) in Greece via the EU
- 1992 Programs of implementation with the Prefectures of Eastern Attika and
Lasithi
- 1992 P.C.E.R creates a "land field" for toxic wastes in the industrial area of
Rotterdam. The project covered an area of 5,000 square meters (cost of
study and application 2.000.000 \$)
- 1993 Incorporation in the Energy Network
- 1994 Proposal for the improvement of monuments and their protection from
pollution (monuments marble inlay)
- 1995 Proposal in the frame of VALOREN program for the improvement of
consumer-state relations in the energy sector
- 1996 Proposal to the EU for the change of the city working hours
- 1997 - 2001 Proposal to a number of departments in EU for educational and research
programs

- 2002 - 2003 Proposals and application of programs in cooperation with ECOROPA
and YDAS

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2004 - 2005	Proposal for recycling Pc's
2005 - 2006	Programs on biological agriculture in Chad
2006 - 2007	Educational programs about radioactivity in Ukraine
2008	Educational programs in Georgia and Moldova
2009 - 2010	Proposals for recycle bins (Italy – Napoli)
	California: Proposals and study of photochemical smog
2011-2013	Suggestions for aquarium and Traffic Education Centers
2014	Proposals in France for toxic waste
2014	Proposals for damage control in Palestine (sewage – water supply) Proposals for damage control in Servia for depleted Uranium
2015	Program of Energy policy EC
2016	Program of see measurements in greek islands Program of measurements of drinkable water in Greece-Cyprus-Italy
2017	Program of Greece and France for the climatic change
2018	Program for the transparency in the ecological balance of the various anthropogenic systems
2019	Study for the management and promotion of natural gas in the energy crisis

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UNO

1988	Enrollment in the list of NGO of UNEP, receiving of the literature “Medwaves” and “Our Planet”
1988	Meeting with the coordinator of the Mediterranean Action Plan Mr. Aldo Manos for the contact of the NGO of Mediterranean and participation in the International Delphi Center 1991
1990	Forward of P.C.E.R.’s profile for the participation in “GLOBAL 500”
1991 - 1996	Cooperation with other organizations concerning the human rights
1997 - 2001	Cooperation for educational programs in Chad, China, Ukraine via UNO
2002 - 2003	Cooperation for application of programs (Chad, China, Serbia, Bulgaria)
2004	Cooperation in programs in South Africa
2005	Cooperation in programs of water resources (Africa)
2006	Scientific studies on heavy metals
2007	Collaboration in social acceptance programs in Benin
2008	Programs of social inclusion for environmental refugees (Myanmar)
2009 -2010	Suggestions for programs improving drinking water in South Africa
2011-2013	Proposals in Nigeria for waste management and water supply
2014	Proposals Libya and Bulgaria to recover damages in affected regions from extreme weather conditions
2015-2016	Program of humanitarian help in countries of Africa/Nigeria and Benin
2017	Program of humanitarian help in countries in Nigeria
2018	Program of humanitarian help in Venezuela
2019	Program for waste in Philippines

USA

1990 - 1993	Undertaking the coordination of the actions for the “Earth Day” in Greece
1994 – 1996	Proposal and cooperation in the energy sector
2009-2010	Propositions and studies in the State of California on the photochemical smog

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C A N (Climate Action Network)

1990	Participation in an operation network for the climate changes across Europe
1991	Participation in the congress concerning alternative energy sources in Vianden
1991	Participation in the list of NGOs of CAN concerning the energy policy in Europe
1992 - 1996	Participation in four (4) climate conferences
1997 - 2001	Proposals for renewable energy sources
2002 - 2004	Solar field application programs
2005 - 2006	Solar field application programs in North Greece
2007 - 2008	Programs on photovoltaic power stations
2009 - 2010	Studies for solar parks and wind parks
2011 - 2013	Programs of wind farms in Larissa Cultivating aromatic plants in Attica and Larissa
2014	Suggestions and implementation plan to the PPC for capturing carbon
2015-2016	Program of a model administration of CO ₂ and CO in atmosphere of Ptolemaida-Kozani-Megalopoli

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EASTERN COUNTRIES

1986 - 1987	Humanitarian aid of 400,000\$ in medical and food supplies for the children of Ethiopia
1988	Study on groundwater supply within a radius of 70km in Addis Ababa
1990	Establishment of cooperation with the Institute for Human Environment of Poland
1992	Establishment of cooperation in the program COST
1992 -1995	Humanitarian aid of 1.2 million dollars to Ukraine for the children of Chernobyl
1993 - 1996	Creation of a special hospital unit for 60 children suffering from leukemia due to Chernobyl in Central Pediatric Clinic of Kiev (32 million dollars)
1993 - 1996	Establishment of cooperation for the Foundation of Chernobyl
1992 - 1998	Growing organic flowers in Varna of Bulgaria (2 million dollars)
1999 - 2001	Educational tutorials in Ukraine - Russia
2002 - 2003	Programs and proposals in Ukraine, Moldova, Russia
2004	Proposals for saving energy in Ukraine
2005 - 2006	Humanitarian assistance to Serbia
2006 - 2007	Humanitarian assistance to Bangladesh
2008 - 2009	Humanitarian assistance to Palestine
2010	Humanitarian assistance to Haiti
2011 - 2013	Growing aromatic plants in Bulgaria
2014	Suggestions and implementation of humanitarian assistance to Ukraine
2015 - 2016	Proposal at Russia for Eco farms and exchange of students
2017-2018	Cooperation program with Bulgaria on nuclear energy

IUCN (International Union for Nature Conservation)

1988	Registration as a member of the IUCN and subscriber of the IUCN Bulletin
1989	Exchange of propositions for cooperation in the fields of training, environment protection, habitats management
1989	Participation as an NGO in the World Conservation Strategy
1992	Participation as an NGO in the World Conservation Strategy

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INTERNATIONAL CONFERENCES

1991	Energy Policy in Europe (Vianden)
1992	Peace Conference (Helsinki)
1993	Toxic waste, International Conference IACT
1995	Net-Work planet (Paris)
1996	Energy and Economy (Madrid)
1998 - 1999	Conferences for air pollution, “Car Free Cities” and more
2000 - 2001	Conferences for food and biological products in China, Chad, Uzbekistan
2002 - 2003	Organizing conferences for water in Italy, China, Chad
2004	Organizing international conference for biological products
2005 - 2006	Organizing international conference for air pollution
2007	Organizing international conference for water resources management in Italy
2008	International Conference on Nuclear Energy (Turkey)
2009 - 2010	International Conference on Water in Kiev - Ukraine
2011- 2013	International Conference on Water in Croatia
	International Conference on waste management in Italy
	International Conference on radiation in Warsaw
2014	International Conference for Energy (Malta)
2015	Moscow – UFA Program for two International Conferences
2016	Kiev : proposal for a NGO Conference
2017	Paris: International Conference on climate change
2018	Stockholm: International Conference on Water Management
2019	Helsinki: International Conference on vaccines

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● NATIONAL ACTIVITIES ●

● Industrial Pollution

1981	Industrial pollution in the region of Moshato
1981	Pollution from tannery in Konitsa
1984	Report measurements in areas Sousaki, Almiri, Graves of Korinthos
1988	Impact of gold mining facility in Olympiada of Chalikidiki
1988	Study of environmental impacts from the location of drill and geothermy stations of Public Utility of Electricity at Milos
1989 - 1992	Air pollution at PETROLA petroleum refinery
1990- 1991	Study of installation of natural gas at Revithousa of Salamina
1991	Study of air and sea pollution levels near the MOTOR-OIL petroleum refinery
1992	Study of environmental effects from the storage of toxic substances of Public Utility of Electricity at Volos
1993	Study of the environmental impacts from the function of toxic waste treatment facilities in Astakos of Aitolokarnania
1994	Study of biochemical waste in the facilities of Public Utility of Electricity in Iraklion of Crete
1994	Study of biochemical waste in the facilities of Chalivourgiki at Eleysina
1995	Study of noise pollution and radiation installations of Intracom
1996	Study of noise pollution and radiation in the facilities of Intracom
1997-1999	Study of toxic waste on the premises of the Army (Attica).
1997-1999	Study of toxic waste in Mandra of Attica
2000 - 2001	Study of toxic waste in Magnesia
2002	Study of toxic waste in chemical factories (Servia)
2003	Study of toxic waste in Magoula of Attica
2004	Studies of toxic waste in «ΔΕΗ» and «ΕΥΔΑΠ»
2005	Studies of toxic waste in Thessaloniki
2006	Studies of toxic waste in Larisa
2007	Study of industrial zone of Assopos

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2008	Study of industrial zone of Sindos
2008	Study of industrial zone of Evvoia
2008	Study of industrial zone of Ioannina
2008	Study of industrial zone of Alexandroupoli
2009 – 2010	Study of industrial pollution in Asopos, Crete, Kalamata
2011	Study of industrial pollution in Efkarpia
2012	Study of industrial pollution in Megalopolis
2013	Study of industrial pollution in Kastoria Study of industrial pollution in Lamia
2014	Study of industrial pollution in Keratsini
2015	Study of industrial pollution in Elefsina-Aspropyrgos
2016	Study of liquid waste of Katsigaros in Crete
2017	Study of industrial pollution in the area of Asopos
2017	Recourse to Justice for Industrial Pollution at Drepano Research on the health effects of asbestos
2018	Interview of Mr. Christodoulakis for the pollution of Drepano by Asbestos
2018	Research for medical waste in Attica
2018	Research of radioactivity in Mati Attica
2019	Research on industrial waste in Inofyta
2019	Research for waste in Fyli landfill
2019	Research on industrial waste in Inofyta
2019	Research on industrial waste in Aghioi Theodoroi
2020	Industrial waste research in Agios Stefanos and Kryoneri Research on industrial waste in Inofyta and Schimatari Industrial waste research in Agios Theodoros Sampling in Asopos waste and drinking water in Schimatari and Inofyta 20 samples in total 10 waste samples and 10 water samples respectively. Air pollution measurements were also performed.
2021	Sampling and microbiological analyzes in the waters of

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Asopos river in Inofyta, Schimatari, Tanagra

Atmospheric pollution measurements at a recycling plant
in Schimatari at 8 points.

Atmospheric pollution measurements in Aspropyrgos
and Elefsina at 9 points in an industrial zone

Industrial waste research in Agios Stefanos and Kryoneri

Sampling and microbiological analyzes in the waters of
Asopos river in Inofyta, Schimatari, Tanagra

Atmospheric pollution measurements at a recycling plant
in Schimatari at 8 points.

Atmospheric pollution measurements in Aspropyrgos
and Elefsina at 9 points in an industrial zone

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Air Pollution

1979 - 1981	Measurements of air pollution at Menidi, Drapetsona, Keratsini
1982	Air pollution in the region of Ptolemaida
1985	Measurements of emissions at the industries ESCHA, VIACHROM, ZAAE
1986 - 1989	Measurements of air pollution and effects on the environment in Megalopolis
1989	Measurements of air pollution at Aliveri
1994	Measurements of air pollution at Aliveri
1995	Measurements of air pollution in the area of Sindos at Thessaloniki
1995	Measurements of air pollution in the area of Patra
1995	Measurements of air pollution in the area of Larissa
1996	Measurements of air pollution in the area of Kavala
1996	Measurements of air pollution in the area of Katerini
1996	Measurements of air pollution in the area of Alexandroupoli
1996	Measurements of air pollution in the area of Ptolemaida and Megalopolis
1997	Measurements of air pollution in the area of Elefsina
1998	Measurements of air pollution in the area of Ptolemaida
1998	Measurements of air pollution in the area of North Suburbs of Attica
1999 - 2001	Measurements of air pollution in the area of Thessaloniki and Megalopolis
2002	Measurements of air pollution in Thriasio area.
2003	Measurements of air pollution in Attica highway
2004	Measurements of air pollution in industrial area of Ritson
2005 -2006	Measurements of air pollution in Oinofyta
2007 – 2010	Measurements of air pollution in Lefkada
2011	Measurements of air pollution in Latzima, Rethimno in Crete
2011	Measurement of air pollution in Larissa, Ptolemaida, Euboea
2012-2013	Study of air pollution in Iraklion Study of air pollution in Aghia Paraskevi
2014	Study of air pollution in Keratsini Study of air pollution in the center of Athens
2015-2016	Study of air pollution in Kavala-Alexandroupolis
2017	Study of Atmospheric pollution in taxis Diesel and Natural gas taxis
2018	Research on global warming due to atmospheric pollutions

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- 2019 Measurement of air pollution in major avenues in Athens and Piraeus
Measurement from Palataki- Chaidari up to Nafplio
Research in Viotia (Inofyta, Schimatary, Thebes, Aliartos, Livadeia, Orchomenos)
- 2020 Pollution measurements in the city center of Athens
Atmospheric pollution measurements in Metro Stations & ISAP
Atmospheric pollution measurements of areas of West Attica
Measurements of air pollution in Piraeus
Air pollution research in areas of Attica, Zefyri, Inofyta and Schimatari
Atmospheric pollution measurements in Mykonos
Kolonaki Square, Kypseli Square measurements of air pollution air pollutants PM 2.5, PM 10, volatile organic compounds (VOC) and formaldehyde and electromagnetic radiation.
Research on the island of Mykonos that included: Measurements of air pollution in Mykonos for air pollutants PM 2.5, PM 10, volatile organic compounds (VOC) and formaldehyde and electromagnetic radiation.
Sampling and microbiological and chemical analyzes in water for human consumption and in seawater
Measurements of air pollution and radiation in 22 points of the Municipality of Piraeus for atmospheric pollutants PM 2.5, PM 10, volatile organic compounds (VOC) and formaldehyde, electromagnetic radiation and radioactive radiation (R)
Sampling of Asopos waste and drinking water in Schimatari and Inofyta, 20 samples in total, 10 waste samples and 10 water samples respectively.
Air pollution measurements were also performed
Measurements of air pollution and radiation in the center of Athens for atmospheric pollutants PM 2.5, PM 10, volatile organic compounds (VOC) and formaldehyde, electromagnetic radiation and radioactive radiation (R)
- 2021 Measurements of air pollution in Klafthmonos square, Syntagma square and KTF Kifissos station
Atmospheric pollution measurements at a recycling plant in Schimatari at 8 points.
Atmospheric pollution measurements in Inofyta, Schimatari and Tanagra
Atmospheric pollution measurements in Argos, Nafplio and Corinth
Atmospheric pollution measurements in Aspropyrgos and Elefsina
Air pollution measurements in Kryoneri, Varybobi, Tatoi and Nea Erithraia, at 22 points
Atmospheric pollution measurements at the limits of the ring, Alexandra, Kifissia, America Square, Koliatsou Square, Vathis Square.

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Measurements of air pollution in Klafthmonos square, Syntagma square
and Kifisos bus station

Measurements of air pollution in 6 stations in the Athens Metro,
specifically in the stations of Panormos, Megaro Music, Evangelismos,
Syntagma, Omonia and Monastiraki station.

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Electromagnetic Radiation

2010	Measurement of electromagnetic radiation in the region of Iraklion
2010	Measurement of electromagnetic radiation in the municipalities of Kaisariani, Holargos, Papagos and Aghia Paraskevi
2011-2013	Measurement of electromagnetic radiation in 30 Greek municipalities
2014	Measurement of electromagnetic radiation in 20 Greek schools
2015-2016	Measurement of electromagnetic radiation in 30 Greek schools
2018	Research on exposure to electromagnetic radiation and protective measures
2018	Electromagnetic radiation at Fyli landfill
2018	Electromagnetic radiation at pillars in Kalamata
2018	Electromagnetic radiation at houses from antennas of mobile telephony
2019	Electromagnetic radiation from mobile telephony antennas
2019	Electromagnetic radiation at Attica schools
2019	Electromagnetic radiation at Glyfada houses
2019	Electromagnetic radiation measurements in Fyli
2020	Measurements in electromagnetic radiation in Piraeus
	Electromagnetic radiation measurements in Fyli
	Measurements and research of electromagnetic radiation in Zefyri, Attica
	Radiation measurements in Omonia square, America square, Vathis square, Koliatsou square
	Kolonaki Square, Kypseli Square
	Research on the island of Mykonos that included radiation measurements
	Radiation measurements in 22 points of the Municipality of Piraeus
	Measurements in the center of Athens
	Measurements for the levels of electromagnetic radiation in Zefyri after protests of the residents for the installation of a WIND mobile telephony antenna.
2021	Electromagnetic radiation measurements in Inofyta, Schimatari and

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Tanagra

Electromagnetic radiation measurements in Argos, Nafplio and Corinth

Electromagnetic radiation measurements at a recycling plant in Schimatari at 8 points.

Electromagnetic radiation measurements in Aspropyrgos and Elefsina at 9 points

Electromagnetic radiation measurements in Kryoneri, Varybobi, Tatoi and Nea Erithraia

Measurements of electromagnetic radiation, in 6 stations in the Athens Metro, specifically in the stations of Panormos, Megaro Music, Evangelismos, Syntagma, Omonia and Monastiraki station.

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Radioactive Radiation

- 2020 Measurements in radioactive radiation in Drapetsona
Measurements in radioactive radiation in Piraeus
Measurements in the center of Athens of radioactive radiation (R)
Measurements of air pollution and radiation in 22 points of the
Municipality of Piraeus and radioactive radiation (R)
Measurements related to radioactivity in 12 points of the
Recreational Complex in Drapetsona

Sea Pollution

1986	Study of environmental impacts from waste of pomane oil industry at Lefkada
1988	Study of the level of pollution from urban waste water and methods of treatment/cleaning at Kamena Vourla
1988	Study of environmental impacts from aquaculture facilities at Stira
1989	Study of industrial waste at Elefsina
1990	Study on industrial waste at Piraeus, Drapetsona, Patra, Mesollogi, Naupactus
1991	Study of urban waste at Naupactus
1991	Study of urban waste at Pirgos, Kalamata, Volos
1992	Study of industrial waste at Larissa, Katerini, Xanthus, Kavala
1993	Study of industrial waste at Corfu
1993	Study of industrial waste at Chalkida, Thessaloniki
1994	Study of industrial waste at Pylos, Alexandroupoli
1995	Study of industrial waste at Crete
1995	Study of urban waste at Rhodes

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1996	Study of urban waste at Kos, Mikonos, Skiathos
1997,1998	Study of urban waste in the Evian Gulf
1999	Study of urban waste in the region of Pyrgos in Ilia
2000,2001	Study of urban waste at Katerini
2002	Study of urban waste at the region Chalastra in Chalkidiki
2003	Study of urban waste in the region of Monemvasia
2004	Study of urban waste at Chania
2005,2006	Study of urban waste at Psitalia
2007	Study of urban waste at Zakynthos
2008	Study of fluid oil press - “katsigaros” waste at Messenia – Laconia
2009,2010	Study of industrial waste at Lefkada, Oinofyta, Asopos, Alfeios, Sperheios
2011-13	Measurements in 35 marine regions of the country
2014	Measurements in 35 marine regions of the country
2014	Measurements in 75marine regions of the country
2014	Measurements in the region of Salamina
2015,2016	Measurements in all greek islands
2017	Research on the ecological disaster in Argosaronikos, after the sinking of the tanker Aghia Zoni
2017	Measurements in many regions of the country in Attica, Evia, Viotia, Fokida, Peloponnese, Corintia
2018	Research on aquaculture and its impact oncoastal waters Measurements in a number of areas in the prefectures of Attica, Evia, Viotia, Korinthia, Fokida and repetitive in many areas of the country Undertake the cleaning of beach Kalibaki as well as Sarantapotamou
2019	Sampling and analysis of the sea water quality in 345 beaches away from Attica and 217 beaches in Attica
2020	Measurements and analyzes in bathing waters on the beaches of Attica Sampling and analysis for the quality of bathing waters on beaches outside Attica Research and results of Microbial Analyzes in semi-fresh water of Vouliagmeni lake Sampling and analysis for the quality of bathing waters on the

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	beaches of Mykonos Sampling and analysis for water quality on the beaches of West Attica Measurements and analyzes in bathing waters on the beaches of Andros
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2021	Sampling, measurements and analyzes of bathing water quality on beaches of Attica for coliforms, E.coli and enterococcus, with a number of samples 248 Sampling and microbiological analyzes in the waters from Piraeus to Mavro Lithari, 32 samples Sampling and microbiological analysis in the waters from Barnabas to Dilesi, 32 samples Sampling and microbiological analyzes in the waters of Porto-Rafti up to Schinias, 21 samples Sampling and microbiological analyzes in the waters of the Saronic to Keratea, 22 samples Sampling and microbiological analyzes in the waters of Corinth up to Patras, 29 samples Sampling and microbiological analyzes in the waters of South Evia in various areas, 31 samples
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Biotopes

1984 – 1985	Study of the degree of pollution and the current situation of the Corinthian Gulf biotopes
1988	Study of the Paliovarmas Vonitsa bay biotopes
1989 – 1996	Study of 24 Greek biotopes
1997 – 1999	Study of biotopes in 12 regions of Northern Greece
2000 – 2001	Biotopes of Naxos, Andros, Santorini
2002 – 2003	Study of biotopes in North-East and West Servia
2004 – 2006	Study of the biotopes of Peloponnesus
2007 – 2008	Study of biotopes at Prespes
2007 – 2008	Study of biotopes at Evvoia, Ioannina
2009 – 2010	Study of biotopes in Georgioupoli at Chania
2011 – 2013	Study of biotopes at Skyros, Oropos
2014	Study of biotopes at Vourkari, Megara Study of biotopes at Georgiupolis
2017	Survey on pollution in the Karystos wetland “Natura”

Drinking Water

1980 – 1996	Various studies and measurements of the quality of drinking water at 75 municipalities and communities of the country
1990-1996	Various studies and measurements of the quality of bottled water
1997 – 1999	Study of drinking water at Attica, Evia
2000 – 2001	Study of drinking water in Greece (185 samples)
2002 – 2003	Study of drinking water in Greece (185 samples)
2004	Study of drinking water in Greece (240 samples)
2005 - 2006	Study of drinking water in Greece (460 samples)
2007 – 2008	Study of bottled water

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2007 – 2008	Study of drinking water in schools of Attica
2009	Study of bottled water
2010	Study of drinking water in schools of Attica, Lefkada, Agrinio, Nauplius
2010	Study of drinking water in Grammatiko, Varnava and Kapandriti at Attica
2010	Study of drinking water in regions of West Attica, Spetses, Evia
2010	Study of drinking water in the regions of Oropos, Chalkida, Dilesi, Avlona and Oinofyta
2011	Study of drinking water in the regions of Latzima at Crete, Livadia, Varnavas, Kapandriti, Aegina, East Argolida and Korinthia
2011	Study for water management in the Municipality of Kifissia
2011	Study for water management in the Municipality of Loutraki
2011	Installation and operation of water supply system at Vartholomios
2012	Study of drinking water in Kifissia and Nea Erithrea
	Study of the quality of the water containing in the pools at 10 municipalities of Attica
2013 – 2014	Study of the quality of drinking water in 25 companies of bottled water and in 20 municipalities of the country
2015-2016	Measurement of drinking water in 32 Municipalities of Greece
2017	Study of bottled water
	Conference on World Water Day
	Injunction for the water of Hydra island
	Study of drinking water in areas of the prefectures of Evia, Attica, Viotia, Corinth, Fokida
2018	Research on Drinking Water in Samos, Thassos, Schinos and in municipal companies in the Peloponnese
	Study of bottled water
	Study of dinking water in Aliarto, Tanagra, Schimatari, Livadia, Antiparos
2019	Research in Viotia, (Inofyta, Schimatary, Livadia, Antiparos
2020	Measurements and microbiological analyzes for commercial bottled water
	Microbiological analyzes in water for human consumption in Andros
2021	Sampling and microbiological analyzes in research on the quality of drinking water

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2021 from Kineta to Diminio in 23 samples

Sampling and microbiological analyzes in water for human consumption in Inofyta, Schimatari, Tanagra

2021 Sampling and microbiological analyzes in drinking water in Argos, Nafplio and Corinth

Sampling and microbiological analyzes in drinking water in various areas of Evia

Sampling and microbiological analyzes in water for human consumption in Municipality of Kifissia

Sampling and microbiological and chemical analyzes in bottled water and trade

Sampling and microbiological analyzes in water for human consumption in Varybobi

Toxic Waste

1992 Study of toxic substances treatment at the Public Utility of Electricity at Volos

1996 Study of toxic substances treatment in Astakos Etoloakarnania

1997- 1999 Study of toxic substances treatment in Viotia

2000- 2005 Study of toxic substances treatment in Greece

2006 Study of toxic substances in Oinofyta

2007 Study of toxic substances at pharmaceutical industries

2008 Study of toxic substances at the landfills of Volos and Larissa

2009-2010 Study of toxic substances in medical waste

2011-2013 Study of toxic waste in the municipalities of Oropos, Marathonas, Lamia, Kalamata

2014 Toxic waste in Aspropyrgos

2015-2016 Toxic waste in Keratsini (Akrokeramos) and Psitalia

2019 Research on industrial waste in Athens

2020 Research for industrial waste in Streams of Attica

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Sound Pollution

1980 - 1996	Measurements of sound pollution at various areas and industries of Greece
1997 - 1999	Measurements of sound pollution at various urban areas and industries of Greece
2000 - 2001	Measurements of sound pollution in various night-clubs at 15 Greek Islands
2002	Measurements of sound pollution in busy roads of Athens and Piraeus
2003	Measurements of sound pollution in car workshops
2004	Noise measurements in traffic wardens
2005 - 2006	Noise measurements in 10 municipalities of the country
2007	Noise measurements in 20 municipalities of the country
2008	Noise measurements in 5 airports of the country
2009 - 2010	Noise measurements in schools, industries of Attica and of motorbikes
2012-2013	Noise measurements in 8 islands of Cyclades and Dodecanese
2014	Measurements of volume intensity in 60 night-clubs and cafes of Athens
2015-16	Noise in 20 shops (entertainment shops – night clubs) in Attica

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Traffic System

1980	Study for creating one-way roads in the city of Thessaloniki
1985 - 1987	Study for creating cycling routes in the city of Athens in the Avenues Panepistimiou - Patission - Stadiou
1988	Project planning and design of a standard traffic education center in Athens
1989	Project planning on the creation of cycling routes at the city of Patras
1991	Design and implementation of pedestrianization project at the city of Larissa
1994	Firefighting zones in the cities of Pyrgos, Patras, Naupactus, Messolonghi, Agrinio, Amphilochia, Vonitsa
1995	Designing one-way highways and pedestrian zones in the city of Patras
1995	Traffic management in the center of Rhodes
1995	Commercial traffic in Larissa
1996	Axial traffic in Thessaloniki
1996	Pedestrianization in Piraeus
1996	Prospects of bus lanes operating in Kalamata
1997 - 1999	CarFreeCities Program in Greece
2000 - 2001	Traffic Education (Schools – Public Employees)
2002 - 2003	Measurements of traffic load, nitrogen dioxide and sulfur dioxide and noise on roads and junctions of Athens
2004	Traffic systems in North Greece
2005 -2006	Traffic volume in 20 Greek municipalities
2007	Traffic volume in 20 traffic nodes of Athens
2008	Traffic volume in 10 traffic nodes of Piraeus
2009 - 2010	Traffic safety parks in Thessaloniki, South Iraklion (Studies)
2011	Road safety park in Neo Iraklion (Study)
2013-2014	Road safety parks in Edessa and Ptolemaida (Studies)
2018	Research Announcement about road advertisement
2019	Proposal for Proposal for stricter environmental audits in cars

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Urban and Industrial Waste

2011	Waste Management Study in Mykonos
2011	Waste Management Study in Kifissia
2011	Waste Management Study in Lefkada
2011	Waste Management Study in Kastoria
2011	Waste Management Study in Naxos - Andros
2011	Management study for Uncontrolled Waste Disposal Sites («ΧΑΔΑ») in Perachora
2011	Management study for Uncontrolled Waste Disposal Sites («ΧΑΔΑ») in Nea Ionia at Volos
2011	Study on sewage system in the municipalities of Oinofyta - Oropos
2011	Restoration of Uncontrolled Waste Disposal Sites («ΧΑΔΑ»)
2011	Arrangement of Uncontrolled Waste Disposal Sites («ΧΑΔΑ») in the municipalities of Naxos, Mykonos
2013-2014	Studies of Uncontrolled Waste Disposal Sites («ΧΑΔΑ») in the municipalities of Oropos and Fokida
	Studies of Uncontrolled Waste Disposal Sites («ΧΑΔΑ») in 5
2015-2016	islands (Mykonos, Santorini, Kos, Rhodes, Crete)
2017	Researching of what changes in Oropos after the garbage management change
	Research on prices per tone of recyclable material in recycling
	Research on corruption and entanglement in recycling
2018	Proposal for a new packaging management system
	Survey on pollution in Sarantapotamos
	Study of pollution in the Municipality of Dionysos
2019	Highlighting the subject of polluted streams in Athens (Aghios.Stefanos, Anixi, Krioneri) through sampling in January, April and July 2019, result analysis, complaint to justice in February and address to the competent municipal and regional authorities for their actions.

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- 2020 Water analyzes of the Podoniftis stream and sewage of the Attica region on Travelogue and research in West Attica
Industrial waste research in Agios Stefanos and Kryoneri
Sampling of Asopos waste and drinking water in Schimatari and Inofyta, 20 samples in total, 10 waste samples and 10 water samples respectively. Air pollution measurements were also performed
- 2021 Industrial waste research in Agios Stefanos and Kryoneri
Sampling and microbiological analyzes in the waters of Asopos river in Inofyta, Schimatari, Tanagra due to industrial pollution
Sampling and microbiological analyzes in the waters of Asopos river in Inofyta, Schimatari, Tanagra due to industrial pollution
Sampling and microbiological analyzes in municipal waste from biological treatment in Argos, Nafplio and Corinth for coliforms, E.coli and enterococcus.

Bio-agriculture

- 1992 - 1998 Organic agriculture of carnation and rose in Varna at Bulgaria (10.000 acres, cost of investment 2 million \$)
- 1992 Proposal for the creation of an "International Center of Ecological Agriculture" and land concession in Agoulinitza for geological cultivation with the enthusiastic support of the Authorities in Western Peloponnese -Proposal for the "First PanHellenic Conference of Ecological Agriculture".
- 1992 The President of P.C.E.R., P r o f e s s o r Panagiotis Cristodoulakis, lectures on the negative effects of chemical fertilizers - Seminar organized by the Greek "Alliance of Agricultural Collectives"
- 1995 Creating biological, organic, synthetic fertilizer from mining waste oil (application Iraq)
- 1997 - 1998 P.C.E.R imports certified biological wheat flower from Canada, the first such cargo to be imported in Greece.
- 1998 The President of P.C.E.R., P r o f e s s o r Panagiotis Christodoulakis, lectures during the "Second Plant protection Meeting" on biological methods of plant protection.
- 1998 -2000 10 acres of land in the region of Avlona are filled up with bio- agricultural

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cultivations directed and controlled by P.C.E.R.

- | | |
|-------------|---|
| 2001 | P.C.E.R is soon accredited as a certification body for organic products under the aegis of the Ministry of Agriculture |
| 2000 - 2001 | P.C.E.R, in cooperation with the EU and scientists of the Aegean University promotes a program for the production of organic, colored cotton. |
| 2002 - 2003 | Bio-agriculture in Chand |
| 2004 | Bio-agriculture in Russia |
| 2005 - 2006 | Collection of complaints for various certification bodies |
| 2007 | Statistical data on the management of organic products
Study for the certification of organic products |
| 2009 -2010 | Study in the polluted areas producing organic products (Skimatari, Oinofyta, Thebes) |
| 2011 | Installing an organic asses donkey’s milk production unit |
| 2011 | Installing a snail’s production unit (Rethymno) |
| 2012-2013 | Study of organic products in 20 Greek municipalities |
| 2014 | Study of an Eco park with organic products in Dilessi at Viotia) |
| 2015-2016 | Investigation in 20 biological products |

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Energy

- 2011 Installation of five photovoltaic power systems 50, 100, 500 KW
- 2012-2013 Solar park projects in Voiotia and Lamia
- 2014 Solar park projects in Almyros at Magnesia and Fokida (Amfissa)
- 2015-2016 Study of energy reduction at Renewable Energy Sources (RES) and the reasons of the reduction.
- 2017 Conference on Natural Gas
Conference on Environment and Energy
Research on the Economical - Ecological Car of the 21st Century based in Natural Gas
Green Energy Research
- 2018 Research on Natural Gas as a Fuel
Research on the sale of lignite units of the public Power Corporation

Various

- 2011 Construction design for an aquarium in the Municipality of Neo Iraklion
- 2017 Research on the legal process of poultry slaughtering
Research on firewood
Research in the implications of asbestos on human health
Establishment and operation of the biggest vegetable garden in Greece
Research in sun screen
Research in ice-creams
2-day seminar on world environmental day
Seminar on World Day of Consumer
Seminar on the World day of nutrition
- 2018 Conference on Nuclear Energy
Research on wheat bread and sausage industries and super markets
Research on bees as a plant of ecology
Dairy research with vegetable fats
Cholesterol research

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2019 Trip to Oropos, presentation of the problems in sewer system, traffic, conversion of wetland into swamp the need for water supply projects and biological cleaning. A scientific team of PCER went to Grammatiko area, where it is planned to be installed the landfill, and in February 2019 at Fyli landfill, performing measurements and analysis in tap water and waste and submitted proposals for the waste management in Attica.

20th March 2019

Award of praise to PCER for the program “Measurements and proposals for Attica beaches and 22 bays in Greece for the sea water quality” which takes place for the last 42 years every summer in Attica and Greece and following the PCER participation in the initiative “Sustainable Development Goals Champions”.

In March, sampling and measurements took place in Western Attica, Korinthia (close to the refineries, landfill of Loutraki), Argolida and Achaia (close to the asbestos factory) concerning drinking water, swimming waters and air. The same as above took place in Viotia and Evia.

Three day festival (5-7 June 2019) at Klafthmonos square on the occasion of Environmental World Day and had to do with the impacts of climatic change, water management, energy and food. Plants were offered to children and demonstration of laboratory analysis took place. Finally advices on first aid in summer were given.

Sampling, measurements and analysis on ice creams in May, and in bottled water, refreshments, suncreams and sun glasses in June and beaches – sea water in July.

2020 EVENTS SCHEDULES

World Consumer Day (15-16 / 03/2020) Klafthmonos square

World Water Day (22-23 / 03/2020) Klafthmonos square

World Environment Day, June 5 Klafthmonos Square

2020 Sampling research on ice creams

Research on toxic substances in circulating sunscreens

Investigation in Varvakeio for the observance of the precautionary measures against the spreading of corona virus

Public Transport survey for the observance of the precautionary measures against the spreading of corona virus

Tanks offered by PAKOE to the Municipality of Oropos for fire protection

Research about cold cuts (Lunch meat)

Sampling research in ready-made pies of the trade

2021

Field research in Varvakeio Agora to implement measures to combat the pandemic
Search for sparklers

Sampling and microbiological in surface waters of the Kifissos river

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2021

Research in the center of Athens on the subject of allergies

Survey / questionnaire in the center of Athens on bottled water and information about it

Field research in Varvakeio and poll

2021

Publication of a 32-page leaflet on childhood obesity, which will be distributed free of charge in the country's schools.

The Scientific Council of PAKOE conducted sample surveys in Super Markets, bakeries and confectioneries for the correct implementation of the current food code.

2021

Dairy microbiological analyzes for coliforms (Enterobacteriaceae) by the multi-tube MPN method.

PAKOE investigation on the situation in the pulmonology clinic of Thriasios Hospital and a letter on 18/11/20201 to the Ministry of Health.

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1. Each support member is equal to P.C.E.R. in any cultural, and socio-cultural research activity.
2. Each support member of the Centre has the right and duty to participate in all activities of the Centre and the respective Boards.
3. Each support member of the Centre is entitled to free participation in various Educational Seminars that will be carried-out by distinguished Greek and foreign scientists at the Centre
4. Each support member has the right to watch the various free screenings for the purposes of the Centre.
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6. Each support member by completing an application form of the Center is entitled to request investigation for any environmental pollution problems
7. Each support member, twenty days after registration, receives a member identity card, a sticker of the Centre and a special sticker of the Center for its car.
8. Each support member has the right to use the measurements of the Center for the purposes of the Centre.
9. Each support member has the duty to denounce everything that is contrary to the principles and objectives of the Centre and be vigilant about it.
10. The registration fee for natural persons is defined the amount of fifty euros (50 €) and for legal persons the amount of one hundred euros (100 €).
11. The fee of annual subscription for natural persons is the amount of forty euros (70€).
12. The fee of annual subscription for legal persons and companies is the amount of one thousand euros (1.000€).
13. Annual fee for
 - Large Companies 10.000 ευρώ
 - Middle size companies 5.000 ευρώ
 - Small companies 3.000 ευρώ
 - Very small companies 500 ευρώ

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Children's painting exhibition

Children's painting exhibition

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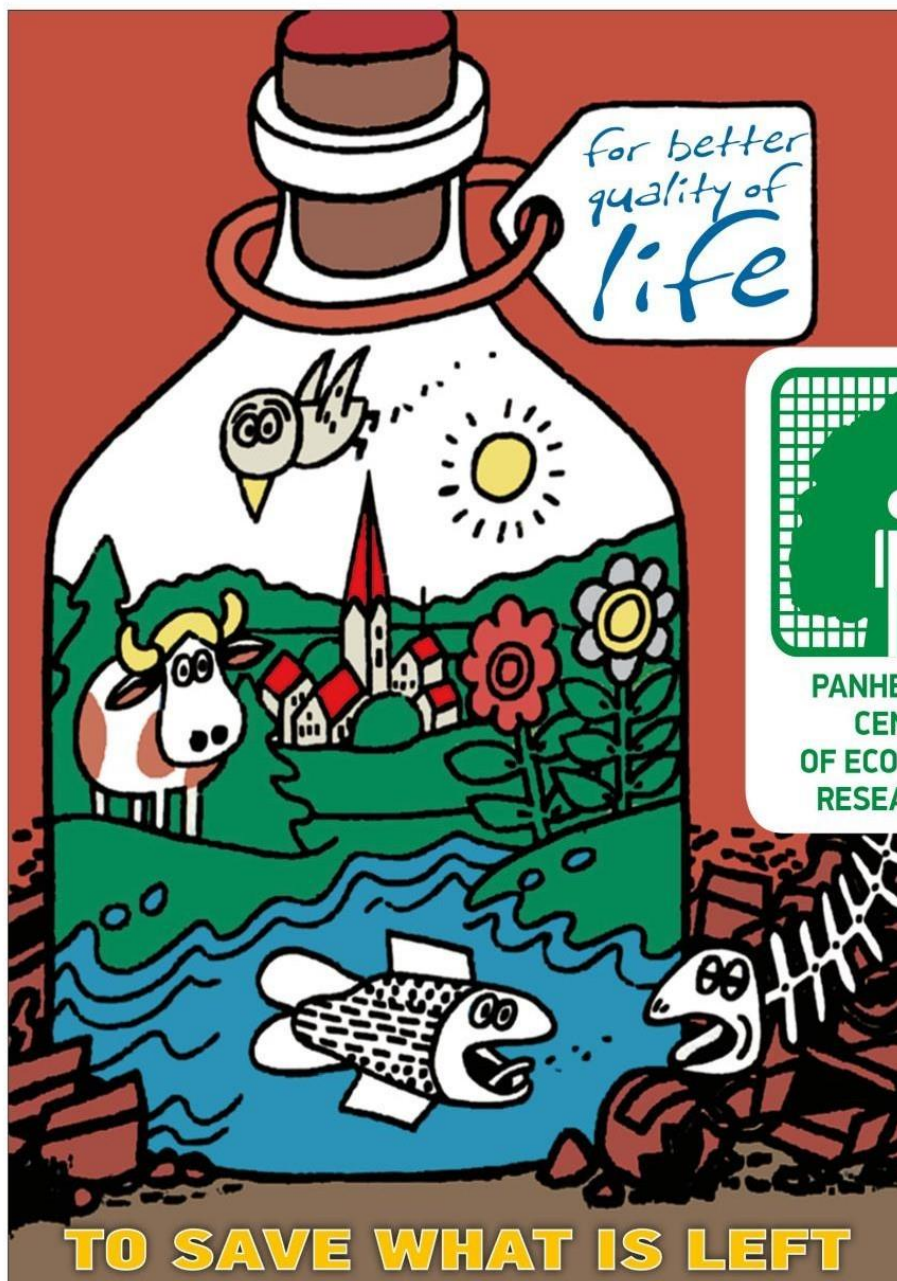
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