

HELLENIC INSTITUTE FOR OCCUPATIONAL HEALTH AND SAFETY

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Historical Background

The prevention of occupational risks must be considered a priority in every civilised society. This becomes evident from the large number of workers who fall victim to occupational accidents and diseases in the workplace.

According to statistics published by the International Labor Organisation

- 1,1 million workers a year loose their lives as a result of their working conditions. This is more than those who die in road accidents (999.000), wars (502.000), in violent incidents (563.000) or from AIDS (312.000).
- This corresponds to 3.000 deaths per day or two deaths per minute.
- 300.000 deaths are due to exposure to dangerous substances.
- About 250 million work related accidents and 160 million occupational diseases are recorded each year.
- This means that 685.000 work related accidents occur per day or 8 per second.
- It is estimated that work related diseases will double by 2020.

The citizens of the European Union should enjoy the fruits of economic development and the employees must be protected from occupational risks. Thus, economic development and consideration for health and safety are objectives not

necessarily incompatible and could be of advantage not only to the companies and the economy in general but also to employees.

Article 118A of the Common European Act is a clear and binding agreement which states the obligation of the Community and its Member- States to promote legislation and to take the appropriate measures for the protection of workers from occupational risks.

Until the introduction of Law 1568/1985 and the Presidential Decree 17/1996 in Greece, legislation relating to Occupational Health and Safety was characterised by major shortcomings and uncertainties concerning basic guidelines for a safe and healthy work environment.

The consequence of this was the perpetuation of a low quality work environment characterized by high

YEAR	ACCIDENTS	DEATHS
1991	25.185	88
1992	25.063	96
1993	23.959	99
1994	22.608	83
1995	21.540	91
1996	21.555	77
1997	20.046	80
1998	18.615	78
1999	17.658	117*

Work accidents and deaths in the last decade in Greece. Data obtained by the Foundation for Social Security (IKA)

* Includes 36 deaths due to the earthquake of the 7th Sentember 1999

risks, resulting in low productivity and high social and economic costs to the employees, enterprises and the country.

By the end of the 1970s a group from the International Labor Organisation conducted a study in Greece and published the PIACT Report in which it was pointed out the need for the development of infrastructures in Occupational Health and Safety. In addition, the need for the establishment of an Institute for Occupational Health and Safety was suggested not only by ILO but also by other organisations as well.

Foundation of the ELINYAE

The foundation of a multidisciplinary institute like the Hellenic Institute for Occupational Health and Safety (ELINYAE), fills the gap in Greece that existed in scientific and technical infrastructurs concerning work conditions and prevention of occupational risks. An important element in its prospect is the consensus and co-operation between employers and employees during its foundation and there continual support and trust.

A composite committee of experts drawn from the General Confederation of Greek Labor (GSEE), the Federation of Greek Industries (SEV), the General Confederation of Handicraft and Merchants of Medium and Small Enterprises (GSEVEE) and the Greek Federation of Traders' Association (EESE) submitted a report with the basic guidelines for the establishment of the Hellenic Institute for Occupational Health and Safety in July 1991. Following this, a constitution for ELINYAE was drafted and registered with the District Court of Athens on the 25th of June 1992. The Institute was set up as a civic non-profit organisation.

Objectives of the ELYNYAE

According to its constitution the objectives of the ELINYAE are:

- To detect, record, process, analyse and investigate the various hazardous agents and conditions in the working environment and their effects on the health and safety of the employees.
- · To elaborate regulations, rules and pertinent legislation.
- To monitor international developments and experiences and promote the documentation on related matters.
- To promote information, communication and education of both social partners on issues of occupational health and safety.
- To contribute to the investigation and solution of problems, arising from the interaction between the working environment and its conditions on the one hand, and the general environment and living conditions on the other.
- To study the possible impact of the application of new technologies and of the new preventative measures from occupational risks.
- To serve as a body of experts on issues of occupational health and safety, if asked by either social partner (i.e. employers or employees).

Financial Resources of the ELINYAE

The main financial sources of the ELINYAE are from, the Account for Employment and Vocational Training (LAEK) as specified in the text of the National General Collective Labor Agreement (EGSSE) of 1991-92 and, the European Union (Technical Support, Second Community Support Framework). Other sources are the sums received by those who resort to the services of the ELINYAE, donations, income from publishing

activities, events etc. In addition, contributions obtained from European programmes, assets from property, subsides, specific contributions and funding from public and private enterprises, institutions, individuals and organisations in Greece and abroad

Organisational Structure of the ELINYAE

The ELINYAE consists of three centres:

Centre of Applied Research

The Centre of Applied Research conducts research programmes with the aim to detect, record, process, analyse and investigate the various hazardous agents and conditions in the working environment and their effects on the health and safety of the employees, thus promoting health at the workplace. The Centre also provides services by experts on matters of health and safety, especially following written requests from Workers' Committees for Health and Safety, Trade Unions, Employers' Federation and Enterprises. On completion of a study a written report is prepared by the Centre and submitted to both social partners.



Centre of Vocational Training

This Centre is the only accredited body for vocational training (KEK) on matters of health and safety in Greece. It conducts lectures and seminars with topics directed to safety engineers, occupational physicians, members of Workers' Committees for Health and Safety not only within its lecture halls but also on site when invited. At the same time, results of studies are presented and information is provided for the promotion of knowledge and know-how on matters of occupational health and safety.



Centre of Information and Documentation

This Centre collects, searches and disseminates information concerning occupational health and safety. It has established and is continuously enriching the resources of the library. It provides documentation and information, attends to and distributes its publications, supports ELINYAEs site on the internet and upgrades the Institute on Information Services. It is involved as a collaborating centre in the international net for Occupational Health and Safety of the International Labor Office (ILO-CIS National and Collaborating Centres).



Regional Branches

The establishment of the regional branches was necessary to cover the needs of those regions that have a substantial industrial base. These are first-hand information, vocational training and research programmes with specific local requirements, support services for employees and employers on matters concerning occupational health and safety, and promotion of co-operation between local authorities. The regional branches are an integral part of the organisation and the function of the Institute.

At the moment there are three regional branches in operation. These are in Thessaloniki, in loannina and in Tripoli.

The Thessaloniki Branch

The Thessaloniki branch was established in 1999 with the aim of determining the needs and resolving problems concerning occupational health and safety in manufacturing and industrial plants in Macedonia and Thrace. The challenge confronted by this branch is to exchange information and experiences about health and safety matters with other Balkan countries.

The loannina Branch

The loannina branch was established in 2000 with the aim to cover the needs in occupational health and safety in the wider region of Epirus where major projects in the infrastructure of the region (Egnatia and Ionia highways, railroads) are being conducted.

The Tripoli Branch

The Tripoli branch was established in 2001. Due to intense industrial activities in many cities of this area, the branch is called upon to play a major role in the wider region of the Peloponnese.

All the branches have the same structure that is, they consist of the three centres, Applied Research, Vocational Training and Information and Documentation.

Activities of the ELYNYAE

Following the establishment of the Institute, the first priority of the Administration Board was to secure financial resources to support the functions of the Institute. This target was achieved through the funds of the Programme "Technical Aid" of the European Social Fund. The result was the formation of the first scientific and administrative groups, the purchase of office equipment and space in October 1993.

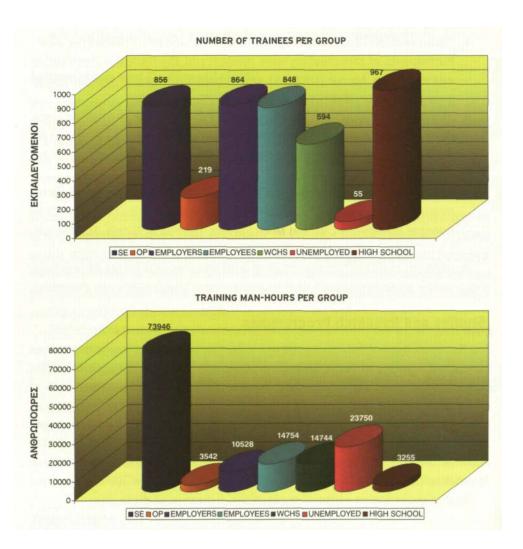
A major development was the ELINYAEs participation in 1995 in the Industrial Business Plan of the Second Community Support Framework, Sub-programme 3, **Task** 3.3, **Action** 3.3.1 titled "Support for the Hellenic Institute for Occupational Health and Safety". The money given amounted to 2.744.790.000 GDr for the financing of:

- · Accommodation and the Development of its Infrastructure
- The Centre of Applied Research
- The Centre of Vocational Training
- The Centre of Information and Documentation

The main activities of the ELINYAE are:

Seminars and Training Programmes

During the period 1994-2002 4.403 individuals were trained within the central and the regional branches of the ELINYAE in seminars and programmes which consisted of 144.519 training man-hours. In the following histograms are shown, the number of trainees according to their role and function such as, safety engineers (SE), occupational physicians (OP), members of Workers' Committees for Health and Safety (WCHS) etc as well as their respective training man-hours.



The seminars and the training programmes were attended by representatives from both the private and the public sectors, hospitals, that is city councils, public enterprises and organisations, banks, ministries, universities, the army, food, chemical, paper, metal and wood industries, construction and commercial companies, hotels, restaurants etc.

Seminars followed by occupational physicians were conducted by university lecturers and scientists from other research institutes. These included guest lecturers from other European countries, for example Prof.W.Coenen, Vice President of the "Hauptverband der gewerblichen Berufsgenossenschaften" (HVBG) whose topic was "Strategic Prevention of Occupational Diseases and Risks".

Meetings and Lectures

The aim of the one-day meetings and lectures carried out by the ELINYAE is to inform employers and employees on matters of occupational health and safety. These have been conducted in co-operation with the Trade Unions in 23 cities throughout Greece.

One-day meetings and lectures conducted at the Central Branch in Athens included topics such as:

- "Interventions for the prevention of drug abuse in the workplace". Participants of this meeting were members of the Hellenic Organisation against Drug Abuse (OKANA) and representatives of the European programme "Eurydice".
- "Method for the Determination and the Prevention of Musculo-skeletal Disorders Associated with Work". The lecturer was Ms. Kristina Kemmlert PT, PhD in Industrial Ergonomics, Senior Officer at the National Council for Occupational Health in Stockholm.
- "The Standards for the Provision of Health Services on Ships. Proposal for International Regulation". The speaker was the President of the "American Board of Healthcare Law and Medicine" Mr. Thomas A. Gionis, M.D., M.B.A.

In addition, the ELINYAE participated with lectures in a series of meetings organised by other bodies such as local and national Trade Unions and Chambers.

Studies and Research Programmes

The Centre of Applied Research in Athens in conjunction with its regional Branches conducted a series of research programmes and studies from the time of its inception. The basic aim was to describe as completely as possible the state of occupational health and safety in Greece. The greatest number of studies was conducted by the research team of the Institute while research programmes were conducted in conjunction with Universities and other Research Institutes, for instance the Universities of Athens and Patras, the National Hellenic Research Foundation (NHRF), the National Centre for Scientific Research "Democritos".

Studies cover a wide range of occupations. Indicative of these, are:

 " A Study of the Health and Working Conditions of the Sandblasters, Cleaners and Painters in the Shipbuilding Zone of Perama". The study was conducted with the Department of Occupational Medicine of the Elefsina Hospital and the Greek Trade Union of Sandblasters, Cleaners and Painters.

- " Promotion of Health and Safety in the Restoration Works of the momuments of the Acropolis of Athens". The study was performed in collaboration with the Office for the Conservation of the Acropolis Monuments.
- "Assessment of Hazardous Agents of Postal Workers. A Pilot Study for the Promotion of Occupational Health at the Post Office of Kesariani". This study was performed in collaboration with the Office of Health and Safety of the Hellenic Post.
- "A Policy for motivating the Improvement of Health and Safety in Enterprises: A Theoretical Approach and an Empirical Application"
- " A Study of Health and Safety in the Printing and Paper Industry"
- " Development of Decision Making Support Tools for the Prevention of Large Scale Industrial Accidents"
- "Systems for the Registration of Occupational Cancers"
- "Nephrotoxic Damage in the Workplace and its Diagnosis"
- "Causes of Myelodysplastic Syndroms"
- "The Consequences of Vibrations on the health of Workers"

Information and Documentation

By continuously enriching material and the sources of information the ELINYAE is able to provide reliable information on legislation, jurisprudence, references in occupational health and safety, documentation concerning good practices, scientific and technical publications, statistical information, proceedings from meetings, seminars and conferences

The library has about 5000 books, 300 periodicals and an index of articles from various journals, periodicals and pamphlets. In addition it has data bases on occupational health and safety (NIOSHTIC, HSELINE, CIS-DOC, MHIDAS, MEDLINE and a MSDS data base). It also has a collection of encyclopaedias, dictionaries, citations and guides. Access to national and international links through the internet affords opportunities to the users to search and retrieve information from other Institutes and information centres.

The organisation, retrieval and provision of information is performed according to international library standards which includes an automated library system (ABEKT 5.5 of the National Documentation Centre)

An on-line catalogue of library listings is available from the Institute website at <u>http://www.elinyae.gr/Opac/zConnectELL.html</u>

For those who contact the library personally or through the telephone, fax or email, the centre will provide all necessary information.

The library also participates with the National Network of Scientific and Technical Libraries (HERMES) for the exchange of articles, periodicals and publications.

Translations

The following publications were translated in Greek

 "Safety and Health in Construction. An ILO Code of Practice", published by ILO

- "1996 Threshold Limit Values [TLVs®] for Chemical Substances and Physical Agents and Biological Exposure Indices [BEIs®]", published by ACGIH
- "Europe under Strain: A Report on Trade Union Initiatives to Combat Workplace Musculoskeletal Disorders" by Rory O'Neil, published by TUTB
- "De Morbis Artificum Diatriba" by Bernardino Ramazzini

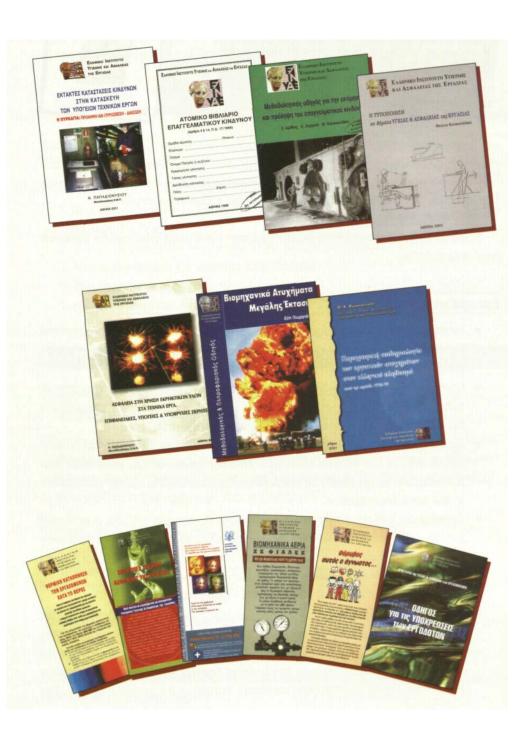


Publications

Listed are some of the publications of the ELINYAE

- 1. Statistics on Work Related Accidents in Greece
- 2. Risk Analysis in Industry
- 3. Model Training Programmes for Safety Engineers
- 4. Methodological Guide for Occupational Risk Assessment and Prevention
- 5. The European Parliament on Health and Safety at Work
- 6. Research on Information Systems on Occupational Health and Safety
- Environmental Protection from Industrial Activities- Prevention of Large Scale Industrial Accidents
- 8. Standardisation on Health and Safety Issues
- 9. Descriptive Epidemiology of Work Related Accidents in Greece (1956-94)
- 10. Large Scale Industrial Accidents: Information and Methods Guide
- 11. Lessons in Environmental Issues and Health: A Text for Pupils
- 12. Lessons in Environmental Issues and Health: A Text for Teachers
- 13. Emergency Situations in the Construction of Underground Works
- 14. Safe Use of Explosives in Construction Works- Surface, Underground and Underwater Explosions
- 15. Personal Registry of Occupational Risks
- 16. Lead at the Workplace
- 17. Health and Safety of Workers in the Meat Processing Industry
- 18. Synergy of (Sub)systems of Social Policy: The Example of Work Conditions

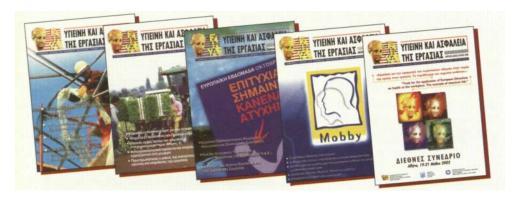
- 19. Heat Stress during the Summer Period
- 20. Industrial Gas Cylinders: Safety Measures for their Use
- 21. Industrial Solvents: Measures for the Safety and Health of Workers
- 22. Noise, an Underestimated Danger
- 23. Workers' Committees for Health and Safety
- 24. A Guide for Employers and their Obligations
- 25. A Quarterly Periodical "Health and Safety at Work"



Periodical

The ELINYAE publishes a trimonthly periodical titled "Health and Safety at Work"

It is one of the few important sources of information for employers, employees and professionals.



Internet

The Institute has a website on the internet at the following address:

http://www.elinyae.gr

Since its inception more than 50.000 visitors have used information obtained from this website.

European Programmes

- Health and Safety Promotion in the European Union (HSPro-EU), a programme for the creation of a European network through the internet on matters concerning occupational health and safety.
- Community Initiative ADAPT, a proposal for the creation of a registry of safety engineers, occupational physicians, members of workers' committees for health and safety and employee group representatives.
- Community Initiative NOW, a proposal for the creation of new employment opportunities for women scientists through information, education and professional involvement on matters concerning health, safety and quality in the work environment.
- Community Initiative Health Education Life Protection (HELP), a proposal for the detection of the level of awareness and knowledge of the employees on matters of health and safety at work and their corresponding practices and methods for information and vocational training.
- "Research in the Workplace and Health Good Practices."
- "Prevention Programmes for Occupational Accidents in the Member States of the EU" in co-operation with EUROGIP and the cement company TITAN.
- "Workplace Health Promotion in the Public Administration Sector. Models for Good Practice" undertaken by the German Federal Association of Company Health Insurance (BKK Bundesverband), European Information Centre. The

programme was carried out in co-operation with the Institute for Social and Preventative Medicine.

Promotion of Good Working Practices

The Institute designed and carried out a programme titled "Recognition of Good Work Practices 2000 - Awards to Companies". This programme was well received by both social partners, the employers and the employee organisations.

During the European Week 2001 with the motto "Success is no accident" the ELINYAE organised an award ceremony for companies which promoted safety and health in the workplace and the improvement of working conditions with the aim to reduce the number of accidents

International Co-operation

The aim of the ELINYAE is the widening of its contacts, its recognition and the acquisition of European know-how. In order to accomplish this the Institute sought co-operation with other institutes in the field:

- 1. Groupement de l'Institution Prevention de la Sécurité Sociale pour l'Europe (EUROGIP), France
- 2. Institut National de Recherche et de Sécurité (INRS), France
- 3. National Institute for Working Life, Sweden
- 4. Berufsgenossenschaften (BHA), Germany
- 5. Hauptverband der gewerblichen Berufsgenossenschaften (HVBG), Germany

Participation in National and International Congresses

1. <u>XVIth World Congress on Safety and Health at Work</u> 2002 May 26-31, Vienna, Austria Center, Austria

"Human plasma glutathione peroxidase in urine samples of workers exposed to nephrotoxic substances vs. patients with renal diseases and normal individuals" V. Makropoulos¹, E. Livaniou², I. Stefanidis², L Leondiadis², C. Zikos²,I. Vassiliadou², A. Stroulia³, G. P. Evangelatos², D.S. Ithakissios⁴.

¹Hellenic Institute for Occupational Health and Safety (ELINYAE),
 ²Immunopeptide Chemistry Lab., NCSR "Demokritos",
 ³Nephrology Div., School of Medicine, Univ. of Thessalia,
 ⁴Pharm. Technology Lab., Pharmacy Dept., Univ. of Patras; Greece

"Detection of genetic susceptibility to clastogenic effects of genotoxic agents: a potential tool for occupational cancer prevention"

G. I. Terzoudi¹, K. Manola¹, V. Makropoulos² and G. E. Pantelias¹ ¹Health Physics & Environmental Hygiene, National Centre for Scientific Research "Demokritos", Athens, Greece ²Hellenic Institute for Occupational Health and Safety (ELIN.Y.A.E.), Athens, Greece.

"Enzymatic polymorphism and susceptibility to cancer: The role of glutathione S transferase theta-1 gene defect in myelodysplasia"

¹C. Sambani², C. Stavropoulou¹, H. Rigana¹, G. Pantelias², V. Makropoulos.

¹Laboratory of Health Physics & Environmental Hygiene, NCSR "Demokritos", Athens,

²Hellenic Institute for Occupational Health and Safety (ELIN.Y.A.E.), Athens, Greece.

"Modulatory effects of widely used agricultural chemicals on the production of Interleukin-2 (IL-2)"

A. Apostolidou¹, P. Peristeris¹, G.Pantelias¹ and V.Makropoulos².

1Laboratory of Health Physics & Environmental Hygiene, NCSR "Demokritos", ²Hellenic Institute for Occupational Health and Safety (ELIN.Y.A.E.).

2. <u>11th International Symposium on "Environmental Pollution and its Impact on</u> <u>Life in the Mediterranean Region"</u> <u>2001 October 6 -10, Limassol, Cyprus</u>

"In vitro evaluation of the potential hazardous effects of widely used agricultural chemicals on the expression of the tumour suppressor gene p53" A. Apostolidou¹, P. Peristeris¹, G. Terzoudi¹, G. Pantelias¹ and V. Makropoulos².

¹Laboratory of Health Physics & Environmental Hygiene, NCSR "Demokritos", ²Hellenic Institute for Occupational Health and Safety (ELIN.Y.A.E.).

3. <u>The 27th Greek Annual Medical Congress</u> <u>8-12 May 2001. Athens. Hilton Hotel</u>

"Genetic Polymorphism of Glutathione Transferase T1 (GSTT1) and of NAD(P)H-Ouinone Oxidoreductase (NQ01) in Patients with Myelodysplastic Syndrom" Ch. Stavropoulou¹, C.Sambani¹, H. Rigana¹, Γ. Pantelias¹, V. Makropoulos²

¹Laboratory of Health Physics & Environmental Hygiene, NCSR "Demokritos", ²Hellenic Institute for Occupational Health and Safety (ELIN.Y.A.E.).

"Evaluation of the in vitro action of widely used pesticides on the expression of the tumour represser gene p53"

A. Apostolidou¹, P. Peristeris¹, G.Terzoudi¹, G.Pantelias¹, V. Makropoulos²

¹Laboratory of Health Physics & Environmental Hygiene, NCSR "Demokritos", ²Hellenic Institute for Occupational Health and Safety (ELIN.Y.A.E.).

4. <u>Healthy Workplaces Towards Quality and Innovation - Working Together for</u> <u>a Social and Competitive Europe</u>

1. 2002 March 8-9. Berlin

"Report on the Current Status of Workplace Health Promotion in the Public Administration Sector in Greece." C.Lomi

2. 2002 June 17-18, Barcelona

"Models of Good Practice for Workplace Health Promotion in the Public Administration Sector in Greece: a) Workplace Health Promotion at the Hellenic Post, b) ETHEL Bus Company." C. Lomi

5. <u>43rd Annual Meeting of American Society of Hematology.</u>

2001 December 7-11, Orange County Convention Center - Orlando, Florida

"Glutathione S transferase Theta 1 polymorphism in Greek patients with Myelodysplastic Syndrome: Correlation with cytogenetic chararacteristics"

C. Sambani, Ch. Stavropoulou, N. Viniou, A. Symeonidis, A. Parcharidou, N. Stavroyianni, A. Galanopoulos, E. Michalis, A. Kouraklis, K. Stamatopoulos, P. Roussou, A. Fragou, Th. Marinakis, N. Anagnostopoulos, M. Papaioannou, A. Lazaridou, N. Laoutaris, Ch. Mitsoulis, A. Hatzivassili, G. Bourikas, M. Protopapa, D. Georgiadou, G. Kokkini, H. Rigana, E. Plata, V. Komninaka, P. Zikos, N. Giannakoulas, G. Georgiou, E. Terpos, J. Christakis, D. Loukopoulos, N. Zoumbos, G. Pantelias, V. Makropoulos.

Laboratory of Cytogenetics, NCSR "Demokritos", Athens, Greece; Greek MDS study group, EL.IN.Y.A.E., Athens, Greece

European Week on Safety and Health at Work

In co-operation with the Ministry of Labour and Social Security the ELINYAE organises every year in October the European Week on Safety and Health at Work of the European Agency for Safety and Health at Work

Participation at the International Exhibition of Thessaloniki

Since 1999 the ELINYAE participates at the International Exhibition of Thessaloniki. From its stand are distributed, free of charge, the publications of the Institute and a trained staff provides information and assistance on matters of health and safety. The visitors have also the opportunity to obtain information from its website.

8th International Symposium of ISSA Research Section

In the context of the Greek presidency of the European Union during the first six months of 2003, the ELINYAE in co-operation with the Ministry of Labor and Social Security will organise the 8th International Symposium of the Research Section of ISSA (International Social Security Association) in Athens between the 19th and the 21st of May. The Symposium will be titled "Tools for the application of European

Directives on Health at the Workplace. The Example of Chemical Risk".

The Symposium will be directed to a wide audience from the public and private sector and will include occupational physicians, staff responsible for occupational health and safety, safety engineers, specialists in air monitoring, biomonitoring and epidemiology, experts responsible for implementing legislation, company consultants for the prevention of occupational risks and representatives of the social partners and social security organisations.



The Administration Board

President:	•	Vassilios Makropoulos
Vice-Presidents:	•	Georgios Kondakis (GSEE)
Members:	•	Vassilios Korkidis (SEV, GSEVEE, ESEE) Ioannis Adamakis (GSEE)
	•	Theodoros Dedes(SEV)
	•	Nikolaos Thomopoulos (GSEE)
	•	Gerasimos Papadopoulos (GSEE)
	•	Dimitrios Tzavaras (SEV)
	•	Georgios Habilomatis (GSEVEE)

The Administration Committee of the Thessaloniki Branch

President:	Emmanuel Apostolidis (ESEE)
Ass.President: Members:	Aristidis Malamatas (GSEE) Nikolaos Koniordos (SEV)
	Angelos Marangos (GSEE)
	Orestis Michadasis (GSEE)
	Georgios Tsentos (GSEVEE)

The Administration Committee of the Ioannina Branch

President: Dimitrios Nastos (GSEE)

Member:

Photios Bragias (GSEE)
Christos Gretsistas (GSEE)
Evangelos Tsambouris (SEV)
Theocharis Athanasiou (GSEVEE)
Constantinos Siklas (ESEE)

The Administration Committee of the Tripoli Branch

President: Sarandos Alexandris (GSEE) Vice-President: Dimitrios Lentzos (GSEVEE) Members: Dimitrios Antoniadis (GSEE) Dimitrios Douros (GSEE) Georgios Lembekos (ESEE) Nikolaos Maniatis (SEV)

Staff of the ELINYAE

GENERAL MANAGEMENT

Minas Analytis

General Director Economist, PhD

Staff of Athens

SCIENTIFIC STAFF

Paraskevi Georgiadou	Chemical Engineer
Aphroditi Daikou	Chemist
Spyridon Dontas	Chemist, PhD
Vassilios Drakopoulos	Occupational Physician
Spyridon Drivas	Occupational Physician
Phani Thomadaki	Librarian
Constantina Kapsali	Librarian
Evangelia Katagi	Mathematician
Theoni Koukoulaki	Rural and Survering Engineer, Ergonomist
Alexios Lechouritis	Computer Scientist,
	Decision Science, MSc
Constantina Lomi	Physiotherapist / Ergonomist
	MSc, Lic Med Res
Xenophon Cominos	Chemist, MSc
Irini Mourelatou	Food Technologist
Lorenzo Radin	Chemist, Industrial Hygienist

ADMINISTRATIVE AND FINANCIAL SERVICES

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Staff at the Thessaloniki Branch

SCIENTIFIC STAFF

Georgios Alexiou	Information and Multimedia Specialist
Nikolaos Vayiokas	Chemical Engineer, MSc
Lazaros Poulios	Electrical Engineer
Antonios Targoutzidis	Mechanical Engineer, MBA

ADMINISTRATIVE AND FINANCIAL SERVICES

Kalliopi ArgyriouSecretaryDespina PavrianidouSecretarySophia TsambaziHumanitiesAnna Tsalikaki Secretary

Staff at the loannina branch

SCIENTIFIC STAFF

Constantina Zorba	Mining and Metallurgical Engineer
Stephanos Kromydas	Oil and Chemical Technologist
Spyridon Petsas	Electrical Engineer-Computer Engineer, MSc
Stathoula Stefou	Biologist

ADMINISTRATIVE AND FINANCIAL SERVICES

Polyxeni Tzialla

Secretary

Staff at the Tripoli branch

SCIENTIFIC STAFF

Constantinos Karakas	ilis	Mechanical Engineer
Panayota Panousi	Mechar	iical Engineer, MSc

ADMINISTRATIVE AND FINANCIAL SERVICES

Georgia Papageorgiou Secretary