Jacques-Yves Cousteau
Awarded First Bios Prize

On the occasion of the last Olympic Games of the century and in recognition of outstanding achievement, the Biopolitics International Organisation proudly announces the award of the First Bios Prize to Commander Jacques-Yves Cousteau, as an acknowledgement of his invaluable contribution to the comprehension and appreciation of the bio-environment. Commander Cousteau was the first to explore the limitless biodiversity of the planet's oceans and raise awareness of the most important task of protecting and preserving this biodiversity. Commander Cousteau explains that: "Humans exist because, our planet, the earth, is the only planet where life can exist. And the reason life exists is because our planet is a 'hydroplanet'. Water is as scarce in the universe as life is, and perhaps we could say that water is synonymous with life. But water is not only rare and valuable, it is also unique, with many exclusive physical and chemical properties. This unique nature, accompanied by dynamic interactions of many elements in the universal 'hydrosystem', of which the sun and the oceans are the driving forces, allowed life to originate. Ocean means LIFE."

We are not only witnessing the turn of the century, but we are on the doorstep of a new millennium. In order to welcome this new millennium with a vision of hope and acquire strength for facing the challenges ahead, it is essential to acknowledge and promote positive contributions that can uplift our spirit and guide us towards a constructive and productive future. Commander Cousteau is one of the few people whose accomplishments can help promote this positive vision. He has worked tirelessly to further the idea of protecting life on our planet and, through groundbreaking research, has continuously offered unique information on the intricacies and beauty of bios. As the century is drawing to a close, his achievements represent one of the most positive contributions to humanity. By awarding the First Bios Prize to Commander Cousteau, the B.I.O. hopes to set the pace for a millennium of hope, understanding and harmonious co-existence of all forms of life.

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B.I.O. Bank of Ideas
Mapping the Evolution of Environmental Awareness

The rapid growth of information technology opens up new pathways of knowledge and expands the boundaries of human thought. However, the current environmental crisis is shaking the very foundations of both the private and public sectors. Ethical values, societal structure, and national and international issues have to be re-examined with reference to the new perspectives of modern society. Bios and the bio-environment can therefore become the new focal points for a re-evaluation of priorities in society and the development of new models and new thinking for the future.

Up to now, only a privileged few had the opportunity of making their reflections and ideas available on a wider basis, and valuable contributions from less prominent individuals are forever gone. Humanity has documented the experiences of historical figures, political and spiritual leaders, scientists and intellectuals, but the wisdom of the general public is not known. Are we aware of mainstream thinking in antiquity? Are we aware of societal norms in the Middle Ages? Certain scholars have recorded general trends, in specific geographic regions, but, we do not have concrete or global documentation of what was widely accepted by ordinary citizens, around the world, or what they considered important.

In order to allow for every individual to express and document their thoughts, B.I.O. has, since 1985, been promoting the establishment of a computer Bank of Ideas in which any interested party may deposit their thoughts on environmental issues and create a rich source of information and reflections on bios and biopolitics.

Continued on page 3
Sponsors
that made eleven years of B.I.O. achievement possible

1987
Agricultural Bank of Greece; National Bank of Greece; Ministry of Culture; Kitty Kyriacopoulos; A.G. Leventis Foundation; Cipiko; N. Frangos; M. Martinou; N. Palenias; Vivechroom; Bank Xerxes; Olympic Airways.

1988
Ministry of Foreign Affairs - Council of Europe European Public Campaign on North-South Interdependence and Solidarity; Bank Xerxes Hellas S.A.; A.G. Leventis Foundation; National Bank of Greece; Ministry of Culture; Olympic Airways; National Tourism Organisation; Internhemex; Thanet Paper Mills (DIANA); G. Petalas; N. Frangos; M. Hadji-Dai; Agricultural Bank of Greece; Hellenic Industrial Development Bank; M. Martinou; N. Kouvaras; EKO S.A.; General Bank of Greece; G. Vassilopoulos; American Express Bank; Ministry of Co.MO.

1989

1990
A.G. Leventis Foundation; Kitty Kyriacopoulos; Ministry of Foreign Affairs; Municipality of Athens; G. Vassilopoulos; Angelos.

1991
A.G. Leventis Foundation; Kitty Kyriacopoulos; Ministry of Foreign Affairs; General Secretariat for Youth, Ministry of Culture; Olympic Airways; N. Frangos; G. Vasiliadis; E. Galatzon; The British Council; Electri Hotel; Barclays Bank Plc.; Bank Xerxes Hellas S.A.; D. Kountakis; D. Goulaniou; A. Potamianos; ELAIS S.A.; G. Demakos; San Alliance Insurance Hellas S.A.; Cilar Software Technologies, Europe S.A.; Infoware; A. Tombras; Meton S.A.; ARIEK S.A.; Hellenic Bottling Company S.A.; Velehtolvo Oy; Finland; Hellenic Industrial Development Bank; Lonza Ltd; Vianex S.A.; S. Economou.

1992
Ministry of Foreign Affairs; G. Vassilopoulos; A.G. Leventis Foundation; Ministry of Culture; Hellenic Industrial Development Bank; American College of Greece; DUNI AB; H. Beznoubi & Son S.A.; Pfeldescher Hellas S.A.; EKO S.A.; Bank of Greece; G. Demakos; Phoenix General Insurance Co.; Alasuisea Lounza Holding ltd; Hellenic Bottling Company S.A.; ICI Hellas S.A.; Internhemex S.A.; ELAIS S.A.; Olympic Airways; Cleanburn, Colgate-Palmolive Hellas; Cris-Pan S.A.; ECAP Hellas S.A.; N.S. Kougioumtzis.

1993

1994

1995
Commercial Bank of Greece; Kitty Kyriacopoulos; Athens Chamber of Commerce and Industry; A.G. Leventis Foundation; Hellenic Bottling Company S.A.; Bank Xerxes Hellas S.A.; ELAIS S.A.; I.F. Kostopoulos Foundation; Rapaki Group of Enterprises; Zeneca Hellas S.A.; Mi-Thila Group of Enterprises; Lonza Ltd; Manennos & Paternos; L. Rizzuto; Rev. B. Gregory; S. Milonas; Rhodes Express S.A.; Czech Airlines; Beerdorfi Hellas S.A.

1996
Kitty Kyriacopoulos; I.F. Kostopoulos Foundation; Hellenic Bottling Foundation; A.G. Leventis Foundation; Zeneca Hellas S.A.; DUNI AB; Athens Chamber of Commerce and Industry.

1997
Agricultural Bank of Greece; National Bank of Greece; Ministry of Culture; Kitty Kyriacopoulos; A.G. Leventis Foundation; Cipiko; N. Frangos; M. Martinou; N. Palenias; Vivechroom; Bank Xerxes; Olympic Airways.

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Biopolitics International Organisation Goals

INTERNATIONAL CO-OPERATION for the better understanding and appreciation of bios (life) and the bio-environment. The bio-environment recognises no ideological or geographical boundaries, no East-West, North-South or developed-developing countries. Bios provides the unifying force for the harmonious co-existence of all forms of life, leading to a new era of bi-diplomacy.

INTERNATIONAL LEGISLATION on BIOS RIGHTS. It is important to protect all forms of life, by enacting rules that prevent the deterioration of the bio-environment, and ensure the fundamental right to a clean environment and to a better quality of life.

BIO-CULTURE - BIO-ENVIRONMENT. Two essential dimensions for building new societal values for the next millennium.

PROMOTION OF BIO-EDUCATION through the International University for the Bio-Environment. The International University for the Bio-Environment was launched in order to reform education worldwide, and promote a bio-centric curriculum for every educational level.

BIO-ASSESSMENT OF TECHNOLOGY. A diachronic search for new societal values that will channel technological progress in a direction that leads to a better quality of life throughout the acquisition of the bio-environment.

SENSITISATION OF PUBLIC OPINION through the appreciation of the bio-environment. The bio-environment recognises no ideological and appreciation of bios (life) and the bio-environment. This depository would be available to future generations, in order to serve as a treasury of material for the development of the bio-environment in the years to come. Furthermore, this Bank of Ideas would reflect the evolution in thinking and morality, continuously taking place all over the world.

Not too long ago, environmental problems were not even acknowledged, let alone seriously addressed. With the current environmental crisis, we have witnessed a shift in public opinion, as well as an increased awareness of the gravity of the situation and of the urgent need to take action against destructive trends. This turn of events demonstrates an evolution in our ability to perceive and define priorities in society, according to the challenges we face. The trajectory of this evolution, going from ignorance to awareness to sensitisation and, finally, to active participation could serve as a valuable tool for pin-pointing societal progress and could aid our efforts to counter environmental abuse, on a global level. With the establishment of a Bank of Ideas, we would acquire a concrete record of this trajectory and would thus be able to determine all the parameters of change, making the processes of taking action easier and more effective.

The evolution of human thought is a dynamic process and its potential lies in the continuous emergence of new variables. Determining the constant and variable elements can lead to a new appreciation of priorities in society, as well as a critical evaluation of the future. An interactive computer-based system can serve as documentation of the evolution and transition in human thought for present and future generations. Information technology and faster communications will carry us into the third millennium. It is essential to apply this technology to capture the wisdom of humanity and make it available to future generations, in order to serve as a treasury of material for the development of the bio-environment in the years to come.

In order to exit insensible thinking processes, which have led to disastrous situations, immediate action is crucial. Solving environmental problems requires a dynamic approach, combining past experience and present opportunities to establish new, enriched models for the future. The challenge is to calibrate growth with reference to the inter-connectedness of parameters and expand our vision for the coming millennium. We live on a small and fragile planet. The continuation of the chain of life on this planet is the most essential task for all.

The Changing Role of Telecommunications

Communication technology has a most crucial social impact. Of the many factors responsible for shaping modern society, Media and communications are perhaps the most potent. As a result, communication technology can become the vehicle with which to incite society with new biospheric thinking, and provide a world-wide multidisciplinary exchange of information promoting appreciation of the bio-environment as the core component of every human endeavour.

We are moving into a truly interdependent world, where communication is vital to development. Information technology can bring the world together and this power should be applied to guarantee peace and international co-operation, eliminating isolation and division. It also has the potential to raise the necessary global awareness of the urgent need to take action against environmental destruction and abuse. International bio-education through satellite communication and the Internet can be one of the many ways of applying this potential, in order to achieve environmentally harmonious citizens. Such projects, in addition to providing direct and efficient exchange of information, can also for world-wide simultaneous participation in the attempt to preserve bios on our planet. Meanwhile, as a more immediate plan of action, the B.I.O. has been proposing the introduction of a news bulletin on the bio-environment, as a regular item on news programs, in the same way that weather and stock-market reports already are.
BIOPOLITICS
THE BIO-ENVIRONMENT
VOLUME I

Proceedings from the First B.I.O. International Conference held in Athens, May 1987

Sri Lanka: Preservation of the Bio-Environment, Kumaran Fernando, Secretary, General, UNA Sri Lanka

Philippines: The Bio-Environment - Protection and Improvement of Life, Dr. Liduvina R. Senora, Executive Secretary, UNA

Nigeria: The Bio-Environment - African Dimensions, Tina Uwchue, Barrister-at-Law, Vice-President, UNA

Politics, Education and Economics

Portugal: Biopolitics - Regional and International Perspectives, Professor Antonio Manuel de Sousa Otto, Director, Ministry of Industry and Commerce, Algave.

Greece: Biopolitical Science, Professor Emmanuel E. Maragoulis, Deree College

G.D.R.: The Bio-Environment and Education, Professor Erich Taubert, University of Weimar

Hungary: The Bio-Environment - Economic Dimensions, Professor Gyula Bor, Vice-Sector, Karl Marx University

F.R.G.: Ecology and Economic Policy, Professor Udo E. Simma, Director, International Institute for Environment and Society, Science Centre of Berlin

Legal Implications

C.S.R.: Preservation and International Law, Professor Juraj Cuh, President of the Slovak Peace Council

Turkey: Urban Planning and Bio-Environmental Policy, Professor Rusen Kesk, Director, Center for Urban Studies, Faculty of Political Sciences, Ankara University, President, UNA

Turkey: Biopolitics - Legal Dimensions, Haim Klugman, Director General to the Ministry of Justice, Mag. Jur. Advocate

F.R.G.: International Environmental Problems and the Role of Legislators, Professor Udo E. Simma, Director, International Institute for Environment and Society, Science Center of Berlin

Protection, Materials Recovery and Cost Saving: The Case of Pollution, Dr. Anastasios I. Zoundoulis, Department of Chemistry, Aristotle University, Thessaloniki and Professor Francis A. Bätzias, Pineous Graduate School of Industrial Studies

-Government

Health

Greece: Bi-engineering - Medical Dimensions, Professor George M. Maroulis, University of Patras Medical School - Nutrition: Single Cell Protein Twenty Years Later, Professor Chaoan J. Israelsi, Food Technology Institute, Southeastern College

F.R.G.: Long-Term Air Pollution Effects and Health, Professor Horst Malberg, Free University, Berlin; Influences of Air Pollution and Weather on Crop Syndromes and Obstructive Respiratory Tract Disease of Children in Berlin, Dr. Ulrich Pegler, Meteorology Institute, University of Berlin

-New Perspectives

France: Biotechnology, Man and the Bio-Environment, Dr. Guy Sergent, Centre de Valorisation des Glucidies

Greece: Comments on Biotechnology, Professor Konstantinos Sekeris, University of Athens, Director of Biology Research, National Research Center; Biotechnology and the Environment, Professor Michael Scoullos, President, European Environmental Bureau

Switzerland: Telecommunications Science and its Relation to Bions, Dr. Peter Savvoulakis, Manager, NYNEX International, Geneva

U.S.A. : Biotechnology and Fisheries Oceanography Dr. Philip Lobel, Research Scientist, Woods Hole Oceanographic Institute and Associate in Oceanography, Center for Earth and Planetary Physics, Harvard University

U.S.A.: Bio-Environment: Some Contributions to the Process Theory, Dr. David Watts, University of Hull

RESOLUTIONS

At the end of the First B.I.O. International Conference held in Athens in May 1987, the B.I.O. goals were accepted unanimously by participants, and the following recommendations were made: promote and initiate awareness of the deep sense of responsibility by all peoples for the dangers arising from actual or possible direct interventions of man into his own and all other forms of bio-psychological substance by means of genetic and other medico-biological processes; promote and initiate regional cooperation for the development of the bio-environment and its protection against technically avoidable pollution among all relevant organisations and groups, including recording and publishing channels of information feedback; promote and initiate efforts aimed at minimising resource depletion as well as exploiting the use of recycled materials of all forms for the protection of the bio-environment; promote and initiate the widespread collection and flow of information and data relevant to the protection and development of the bio-environment, in both specialist institutions and public media; promote and initiate the incorporation of environmental education programs in national educational systems; and finally propose for consideration: the need for a Universal Declaration in light of previous UN and UNEP declarations on the environment comparable to the Declaration of Human Rights or other internationally agreed conventions; work out rules and laws to facilitate the imposition of legal and moral sanctions on states and organisations failing to protect the environment; submit the issue of the bio-environment and its protection for debate and deliberation in the forthcoming 31st Plenary Session of WFUNA to be held in Ottawa in August 1987, and its regional conferences in 1988; create national groups to be affiliated to the Biopolitics International Organisation. Participants in this conference expressed their deep gratitude to the organisers and supporters of the conference held in Greece, which is recommended as the ideal meeting place for people from all specialties to assess progress and values.
Eleven Years of B.I.O.

Biopolitics
The Bio-Environment
Volume II
Proceedings from the Second B.I.O. International Conference held in Athens, October 1988

Theology, Ethics and Philosophy

Greece: Biopolitics - the Bios Theory
Dr. Agni Vavilivas-Arvanitas, President and Founder, Biopolitics International Organization, Views on Biopolitics, Professor Constantin Bonis, Former President, Academy of Athens; Church - Theology - Bio-Environment Prof. Athanasios Angelopoulos, School of Theology, Aristotle University of Thessaloniki, Man’s Historical Presence in the World Professor Bonis; A. Mouhotopoulos, Faculty of Philosophy, University of Athens, Member, Academy of Athens; Mithra - an Aspect of Bios Lala Nicoli, General Secretary, Greek Simplimit Union.

Belgium: Genetic Engineering - Ethical Dimensions Professor Charles Suanna, Director, Centre of Bioethics, Free University of Brussels.

U.S.A.: The Ethics of Secrecy, Professor Richard Efall, Columbia University; The Need for Biopolitics F.T. Liu, Former Assistant Secretary General, United Nations Bios and Literature; The Role of Literature in the March Toward Bioethical Society Professor David R. Weinberg, Michigan State University.

U.K.: Ecological Humanism Prof. Andrew A. Brennan, University of Stirling.

Yugoslavia: Bios and Technology
Philosophical Controversies Professor Andrija Malić, Faculty of Political Sciences, Belgrade University.

Bios and Youth

U.S.A.: The Future of Bios and Youth James Muldowny, Jr., Assistant Field Director, UNA and Jordan A. Horvath, New York State Bar.

France: Bio-Ethics and Youth, Dr. Guy Berghoff, Center for the Exploitation of Churches, Bios and Youth Responsibility, Philippe de Bruecelaude, Centre de Valorisation Agro-Industriel.

Singapore: The Role of Bios, Bert Koh, Board of Directors, UNA Singapore.


Poland: International Youth Movement and Bios, Pawel Grzegorczyk, Secretary General, Poland.


Bios and the Role of Women

Belgium: Women and Biopolitics, Dr. Hulberte Hauquet, Senator, President of the Council of Belgian Women.

Finland: Women and Bios, Ailinna Pietila, Secretary General UNA, Vice-President, WPUNA.

Technology and Health

U.S.A.: In Praise of Technology’s humanity, Professor Ilias F. Lyttopoulos, Ford Professor of Nuclear Engineering, M.I.T.

Greece: The Progress of Biological Sciences and the Future of Bios, Professor George M. Maniatis, Biology Department, University of Patras.

France: Biotechnology in the Service of Agriculture - Arid Zones George Marin, Engineer, L.A.N.

Philippines: The Future of Science and Technology in Asia Dr. Frederick S. Pada, President, Technological University of the Philippines, Relevance and Responsiveness of Technology Transfer Dr. Gloria C. Gatchalian, Director, Special Science High School, Eulogio Rodriguez Institute of Science and Technology.

Switzerland: Bios and the Use of

Ethics, Professor John G. Papazian, Advisor, Ethics Centre.

Turkey: Bios and Urban Planning - Dimensions for the Future, Professor Buent Keles, Director, Centre for Urban Studies, Faculty of Political Sciences, Ankara University, President UNA; The Golden Horn Project, Professor Ahmet Samanci, Istanbul Technical University.

Poland: Bios and Modern Cities, Pawel Grzegorczyk, Secretary General, UNA; Bio-Environment Evaluation, Edward Kamiencki, Director, Center for Building Biology and Environmental Energy Action, «BIOSKALA».


Bio-Environment and International Co-operation


Philippines: Perspectives for the Improvement of Bios in Asia, Dr. Uldativa R. Serna, Executive Secretary, UNA.

G.D.R.: Bios and International Cooperation Felicita Richter, Secretary General, UNA.

Sri Lanka: The Future of Bios - Asian Dimension, Kumar P. Fernando, Secretary General, UNA.

Poland: Man and Environment, Dr. Jan W. Dobrowolski, Science Secretary, Committee for the Protection of Public Health, Polish Academy of Sciences.

Cyprus: Rehabilitation of Habitats and Management of Resources, Andreas Demetropoulos, National Coordinator, Marine Pollution Monitoring Programme.


U.S.A.: Destruction of the Amazon and the Preservation of Bios, Professor John Carroll, Forest Resources, University of New Hampshire.

U.K.: The Role of Animals in Forest Regeneration and the Economics of Rain Forest Conservation in Southeast Asia Dr. David J. Chivers, Cambridge University.


F.R.G.: Internalizing External Costs, An Ecological Tax Reform, Professor Ernst U. von Weizsäcker, Director, Institute for European Environmental Policy; Environment Protection Expenditures - the German Example, Professor Udo E. Simonis, Director, International Institute for Environment and Society, Science Center of Berlin; Dr. Christian Leopert, Science Center of Berlin; Industrial Restructuring for Sustainable Development - Three Strategic Elements, Professor Udo E. Simonis, Director, International Institute for Environment and Society, Science Center of Berlin.

Ukraine: Economic Factors and the

Environment, Professor Gyula Bora, Vice-Rector, K. Marx Economic University.

Netherlands: Good Environmental Practices Good Business Practices, Professor Donald Husuingh, Environmental Consultant.

Ghana: Bios in Africa Mr. Bernard K. Kuma, Honorary President, WPUNA; The Future of Bios in Africa, Mike Aswa-Anamasi, Secretary General, UNA.

Nigeria: The Future of Bios - African Dimension, Tina Udeche, Barrister-at-Law, Vice-President, UNA.

Bio-Diplomacy and Culture

U.S.A.: Policy Issues Related to the Transfer of Technology to Developing Countries, Professor Nicholas A. Asfodil, Department of Technology and Policy, M.I.T.

U.K.: Cultural Attitude Assessment A Lost Dimension in the Technology Environment Equation, Dr. David Watts, University of Hull; Cultural Diplomacy - the Future Dr. Robert T. Taylor, Representator, British Council; Singapore: Bios and Culture in Asia, Professor Tham Seong Choy, National University of Singapore, President, UNA.

RESOLUTIONS

The conference participants, in addition to fully supporting all B.I.O. goals, resolved to:

• design, construct and implement an all-embracing educational strategy both to create consciousness regarding bios, as well as to provide feasible follow-up action plans for the achievement of B.I.O. objectives
• design, construct and implement a comprehensive syllabus on bios and all its ramifications for schools, colleges and universities
• mobilise media resources and use satellites to inform, educate and sensitise the public on bios and its future
• mobilise the expertise and emerging scholars, professionals and creative artists to give purpose and direction in the promotion of bios
• encourage educational institutions to initiate programs of teaching and research relating to bios
• promote cultural development and exchange to enhance both human understanding and the promotion of bios
• develop and disseminate a bibliography on writings pertaining to bios, including literary writings in the form of novels, short stories, poetry and philosophical tracts.

Efforts to promote bios through education should remove ignorance and fear, give hope and add new moral-ethical boundaries capable of sustaining and promoting bios in the next millennium.
THIRD B.I.O. INTERNATIONAL CONFERENCE
Biospolitics Curriculum Revision Athens, June, 1989
A Blueprint for Bios in the Next Millennium

The following participants contributed their viewpoints:

Greece: Dr. Agni Vlavianos-Arvanitis, President and Founder, Biospolitics International Organisation
Taiwan: Professor Rom Harre, Director, Center for Urban Studies, Nan Chia University, President, United Nations Association
USA: Professor Nicholas A. Ashford, Policy Center for Technology, Massachusetts Institute of Technology

Proposal for a Biocentric Curriculum

Methods and Procedures

To realise the broad aims presented, considerations should be given to assisting students to acquire an appreciation of nature, its rhythms and processes. This could be achieved by cultivating their powers of observation through sharpening their senses to sight, sound, smell, feeling and touch. Two sets of procedures could be followed: the purely didactic involving telling/explaining, shocking, informing and subject focus teaching and the less didactic involving in-individual research, information-handling, values clarification, motivating and decision-making skills. In addition to pure teaching, students could be encouraged to develop practical applications protecting the bio-environment. Teachers should encourage students to read more, ethical, religious, political, economic and other questions to assist them in arriving at appropriate value decisions.

Secondary Level

At this level, the study of bios can be more focused either in terms of themes or subjects. The presentation of bios topics can be done through the relevant subjects taught at the secondary schools. Though teaching at this level tends to be disciplined or subject-oriented, e.g. language, mathematical, physical, science, social, and political sciences, should help to develop an appreciation of bios, various experiences should be provided through field studies, the use of audio-visual materials, the setting-up of laboratory experiments and the organisation of talks, debates and discussions on bios. Other more innovative methods may also be attempted such as simulation, dramatic presentations of bios, record-keeping and bios reportage.

The Bio-Syllabus (Secondary Level)

Both the cognitive understanding of bios and the values pertaining to bios should be taught as a discipline or subject area. The bio-syllabus at the secondary level should be concerned with the understanding of the fundamental aspects of life, such as the rhythms and processes of living things. The contents of the bio-syllabus should include:

1. Teaching students how to discover regularities or underlying principles in the bio-environment.
2. Assisting students in identifying and analysing causes pertaining to bios and natural phenomena so as to develop unified ways of seeing and thinking.
3. Helping students to understand that there is harmony despite diversity and variety in bios.
4. Teaching students that all natural phenomena have a history governed largely by their habitat thereby heightening interest in the preservation of local forms.
5. Helping students to understand that human life is maintained by dynamic balance in the bio-environment.
6. Deepening students’ knowledge regarding the action of man and its impact on the bio-environment stressing the role of culture and values. Methods and Procedures

The focus at this level of study should not only be the appreciation of bios but also consciousness of bios in all its varied forms and manifestations. To realise this as an objective, a variety of activities and approaches may be attempted. To help students develop an appreciation of bios, various experiences should be provided through field studies, the use of audio-visual materials, the setting-up of laboratory experiments and the organisation of talks, debates and discussions on bios. Other more innovative methods may also be attempted such as simulation, dramatic presentations of bios, record-keeping and bios reportage.

“A bio-syllabus is cognitive, emphasizing knowledge about bios, and evaluative, emphasizing right values or attitudes towards bio-assessment.”

The Bio-Syllabus (Primary Level)

Both the cognitive understanding of bios and the values pertaining to bios should be taught as a discipline or subject area. The bio-syllabus at the primary level should be concerned with the understanding of the fundamental aspects of life, such as the rhythms and processes of living things. The contents of the bio-syllabus should include:

1. A firm understanding of the chemical basis of life - the development of organic living things from organic matter.
2. An understanding of cellular structure and function.
3. A knowledge of heredity and genetics including the interaction of heredity and envi-
Eleven Years of B.I.O.

Bio-Syllabus

The Third B.I.O. International Conference, held in 1989, raised awareness of the urgent need for global bio-environmental reforms and resulted in the formulation of a bio-syllabus outline. This outline is to be used for the implementation of bio-centric concepts in all academic disciplines. Following the success of this outline, a comprehensive Bio-Syllabus was published by the B.I.O. in 1992. The B.I.O. Bio-Syllabus is used as a major textbook in many universities around the world and is available in English, Russian, and Greek.

The Quest for Bio-Ethical Values

Bio-Ethics
- Bio-Environmental Rights
- Bios Rights as Related to Bio-Ethics
- Animal Research and Bio-Ethics
- Human Embryo/Fetus: Bio-Ethical Implications
- Bio-Ethics in Relation to Artificial Insemination and Fertilisation
- Death and Euthanasia
- Human Organs and Tissues in Terms of Bio-Ethics

Bio-Legislation
- Bios Rights
- Bio-Environment and the Enactment of Bios Rights
- Regulator Production Concepts
- Pollution Prevention: Impact on Legislation
- Making the Polluter Pay
- Long Term Thinking in Relation to the Bio-Environment
- Legislation on Genetic Engineering and Bio-Medicinal Issues
- Impact of Biotechnology
- The Distinction Between Environmental Law and the BioLogistics Approach

Bio-Business
- Establishing World-Wide Economic Stability
- Introducing Environmentally Friendly Industry
- Sustainability Concept
- Improving Agriculture for the future
- Establishing Waste-Free Production Cycles
- Introducing Ethical Dimensions in Bio-Business
- New Lifestyle and Bio-Business
- Addressing the Public at Large

Bio-Technology
- Methods of Bio-Technology
- Applications of Bio-Technology
- Genetic Engineering
- Human Genome Project
- Ecosystem Bio-Technology
- Bio-Technology and Biopolitics Centres
- The Interface of Biological Science and Business
- Impact of Bio-Technology on Economic Infrastructure
- Impact of Bio-Technology on Environment
- Dimensions of Bio-Technology

Bio-Energy
- Bio-Energetics and Bio-Energy
- Methods of Technical Bio-Energy
- Application of Ecosystem Bio-Technology for Bio-Energy Production

Bio-Communications
- Developing Computer Based Ideas
- Banks on Biopolitics
- Promoting Biopolitics through Mass Media
- Use of Satellites in Bio-Communication
- Bio-Sensors

Bio-Theology
- Bios as the Sacred Gift
- Religion and the Unity of Bios
- The Relationship between Biopolitics and Religion
- The Buddhist Attitude
- The Hindu Attitude
- The Muslim Attitude
- The Hebrew Attitude
- The Christian Attitude

The Quest for Cultural Values

Bio-Culture
- The Meaning of Culture from a biocentric perspective
- Bio-Aesthetics
- Bio-Literature
- Bio-Art and Creativity

Bio-History
- Bio-Environment Humankind Interaction
- Cultural Influences in Human Society
- Bio-History and Educational Reforms

Bio-Architecture
- Bio-Patterns and Images in Architecture and Design
- The Biological Basis of Aesthetics
- New Dimensions in Architecture
- Employment of Bio-Materials
- Urban Design and Global Planning

Bio-Mathematics
- Macrosystems and Microsystems
- Bio-Mathematics and Bio-Education
- Methodology of Bio-Mathematical Systems
- The Bio-Environment as a Dynamic System
- Probabilistic and the Bio-Environment: Dynamic Equilibrium and Evolution
- Limits of Bio-Mathematics

Bio-Athletics
- Sports Involving Bios
- Reorganisation of the Olympics on the Basis of Bios Values

Bio-Diplomacy
- Main Bio-Environmental Issues in Diplomacy
- Organisational Matters Relevant to Bio-Diplomacy
- Importance of Long-Term Thinking in Diplomacy
- Body of Humanity - Body of Bios

Fundamentals of Biology
- The Fundamentals of Biological Knowledge
- Cultivation of Living Organisms
- Chemicals
- Nucleic Acids and Genetic Information
- Cells
- Multicellular Organisms
- Ecology
- Evolution
Special Issue

BIOPOLITICS
THE BIO-ENVIRONMENT
VOLUME III

International University for the Bio-Environment

A volume dedicated to the preservation of biodiversity in the Amazon and promoting a global model bio-education for the new millennium. A bio-assessment of technology, leading to necessary educational reforms, consists of shifting from anthropocentric to biocentric values and preserving the harmony of the bio-environment. (* denotes contributions from the Third International Conference)

Bio-Education as a Pathway to Bio-Culture

Greece: International University for the Bio-Environment - A New Vision, Dr. Agni Vlavianos-Arvanitis, President and Founder, Biopolitics International Organization

Singapore: Higher Education and the Bio-environmental Challenge, Professor Yaman Ors, University of Singapore

Turkey: Towards an International University for the Bio-Environment, Professor Necdet Serin, President, Ankara University

U.S.A.: Environmental Codetermination: From the Biopolitics Thesis to Praxis, Professor Andrew Brennan, Philosophy Department, University of Stirling; The Meaning of Life from the Christian Point of View*, His Eminence Patriarch of the Soviet Union; Bios and the Problem of the Definition of Bios*, Professor Andrew Brennan, Philosophy Department, University of Stirling

Belgium: Man-Education-Industry, Dr. Stefan Klein, President, International Society for Research on Civilisation Diseases and on Environment

Romania: How to Educate People for a Better Attitude Regarding the Bio-Environment, Dr. Pia Elena Mihnea, Romanian Marine Research Institute

USA: Environmental Education for Survival and the Next Millennium, Member Academy of Athens

The Quest for Bio-Ethics

Belgium: Bioethics, Professor Frederic A. Litts, Faculty of Sciences, Catholic University of Louvain

France: How Far to go in Genetic Engineering and Genetic Manipulation, Professor E.E. Creppy, Laboratory of Toxicology and Applied Hygiene, University of Bordeaux II

Belgium: The Bio-Environment - A Gift to be Managed, Dr. Huberte Hanquet, Senator, President of the Commission of Foreign Affairs

Turkey: The Meaning of Life from the Christian Point of View*, His Eminence the Metropolitan of Philadelphia, Dr. Meliton Karas, Secretary of the Holy Synod, Ecumenical Patriarchate

The Biotechnological Challenge

USSR: Industrial Biotechnology and Biopolitical Problems, Professor Mikhail N. Manakov, Moscow Mendeleev Chemical-Technological Institute Professor N.B. Gradova, Moscow Mendeleev Chemical-Technological Institute

Soviet Economy: Biological Structures in Biopolitical Terms, Professor Mikhail V. Gusev, Dean, Faculty of Environment and Society, Science Centre Berlin; Motivation of Personnel for more Environmental Protection in Practice, Dr. Georg Winter, Chairman of the Board, B.A.U.M. Environmental Management Association

Greece: Bios and Business, Kitty P. Kyriacopoulou, Chairman of the Board, Bauxites Parnasse Mining Company S.A.

Turkey: Biotechnology and Developing Economies, Orhan Karkanliolu, Industrialist, F. Mayor of Trabzon

Maintaining Bio-Diversity

UK: Tropical Rainforests and Sustainable Use: The Need for Global Education, Dr. David J. Chivers, Scientific Director, Department of Veterinary Anatomy, The I.U.B.E., An International Awareness Centre

Austria: The Protection of Biotechnological Inventions, Moscow State University

Israel: The Quest for Bio-Ethics, Moscow State University

Bio-Legislation - Past and Present Challenges

Greece: The Embryo in Byzantine Canon Law, Professor Spyros Trianos, Faculty of Law, University of Athens

France: Has the Time Come for the I.U.B.E.? Georges Martin, Engineer, Agronomist-Consultant


France: Remarks on the Conditions for the Creation of the I.U.B.E., Professor Michel Despas, Honourary President, University of Social Sciences of Toulouse

Ghana: The Structure of the I.U.B.E., Mike Awa-Asaamoa, Director, Deputy Secretary General, WFUNA Africa Regional Office

Poland: Sailing University, Captain Kryztof Baranowski, International Clas Aidot Foundation

USA: A Strategic Approach for Environmental Education, Professor Nicholas A. Ashford, M.I.T.

Turkey: The I.U.B.E.: Its Goals and Clients, Professor Rusten Keles, Director, Centre for Environmental Studies, Ankara University

Portugal: The I.U.B.E.: Education and Behaviour, Professor Antonio Manuel de Sousa Olto, Director, Ministry of Industry and Commerce

The Framework of the I.U.B.E.

Ghana: Re-directing Societal Values and Attitudes for the Respect of the Bio-Environment Bernard Kwami Lama, Honourary President, WFUNA

Israel: The Strategy Behind Environmental Education, Professor Lee Fedison, University of Tel Aviv

Belgium: Human Ecology as an Example of Interdisciplinary Cooperation, Professor Charles Susanne, Laboratory of Human Genetics, Free University of Brussels

Turkey: Some Views on the I.U.B.E., Professorbahmet Samunlu, Istanbul Technical University

Greece: Priorities and Urgency of Environmental Problems*, Professor John Papainannos, Adviser, Athens

Affairs for the EEC

Turkey: Bio-Diversity in Turkey, Professor Aynur Kincel, Chairman, Department of Biology, Middle East Technical University

Canada: Restoration of the Coast: Positive Technology at Work, Dr. Colin D. Leving, Research Scientist, West Vancouver Laboratory

Philippines: ASEAN Coastal Management: Paradox Emerging from the Philosophy of Need, Dr. Miguel D. Fortes, Marine Science Institute, University of the Philippines

Netherlands: A Quantitative Method for the Description and Assessment of Ecosystems: The AMOEBA Approach, R.J.I. ten Brink and F. Colijn, Tidal Waters Division, Ministry of Transport and Public Works

Israel: Perturbations in the Marine Environment and their Impact on Living Resources, Professor Baruch Kimor, Faculty of Agricultural Engineering, Technion Israel Institute of Technology

CSSR: The Oceans: Exploitation of Resources and Pollution, Professor Vaclav K. Mejstrik, Director, Environmental Ecology Institute, Czechoslovak Academy of Sciences

USSR: Ecological Monitoring of Seas and Oceans, Dr. V. S. Kimor, Director, Laboratory of Human Resources, Professor A. M. Samunlu, Dean, Department of Biology, Middle East Technical University

Augsburg: The Formulation of a Societal Value System for Bios in the Next Millennium, Kyriacopoulos, Member Academy of Athens
November 26, 1995

ELEVEN YEARS OF B.I.O.

Bio News / Page 9

The International University for the Bio-Environment Rodini Centre, donated to the B.I.O. by the Municipality of Rhodes, was inaugurated October 29, 1995

Bio-Education for a Global Responsibility

In the search for new models and a new vision for the future, an integrated biocentric education, that secures lifelong environmental literacy for every citizen in the world, is a necessary vehicle for the successful furtherance of a global appreciation of bios. Bearing in mind that universities should be, by definition, "universal," the International University for the Bio-Environment (I.U.B.E.), launched by the Biopolitics International Organisation in 1990, promotes a model bio-education, by introducing interdisciplinary educational reforms, on a world-wide basis. Information technology breakthroughs, such as satellite communication and the Internet, are considered among the most important tools for the timely realisation of this project.

Recently the I.U.B.E. acquired permanent headquarters in the Park of Rodini, on the island of Rhodes, Greece. This offers the possibility for the dynamic implementation of I.U.B.E. goals and the acceleration of the I.U.B.E. Visiting Scholars Program, whereby leading educators and decision-makers from around the world will institute existing educational institutions with new bios promoting values. The aim is for the I.U.B.E. site at Rodini to be a world-calibre centre for the development of multidisciplinary environmental concepts, outside the confines of conventional environmental science, leading to a revised educational system for the entire planet. Major goals of the I.U.B.E. include:

- establishing international educational reforms for an efficient, global bio-education, with the use of satellites, the Internet and other communication links
- initiating international co-operation for environmental protection, leading to a new era of bio-diplomacy
- redefining the basic core of educational curricula and incorporating interdisciplinary elements into all educational programs, making bio-environmental education the major interdisciplinary link, world-wide
- promoting international legislation on bios rights
- contributing bios-related dimensions to business and management concepts and setting up the framework for new environmental strategies, compatible with environmental preservation
- providing incentives for business leaders, political decision-makers and the general public to elaborate on a new strategy compatible with the interests, needs and values of the biosphere
- sensitising public opinion to the ramifications of the biological sciences

The following table illustrates the role of the media in sensitising public opinion to the ramifications of the biological sciences.
Special Issue

BIOPOLITICS
THE BIO-ENVIRONMENT
VOLUME IV


RESOLUTIONS

At the end of the Fifth B.I.O. International Conference, the following resolutions were unanimously accepted by the participants, who first and foremost pledged complete support of all B.I.O. goals:

• the International University for the Bio-Environment constitutes the primary effort of the B.I.O. and needs to be used as the tool to implement the goals of the B.I.O. as stated in all previous conferences and resulting publications, since those include the commitment of representatives from 54 countries
• the biopolitics vision must be urgently implemented. This includes the sensitisation of all media, communications, educational institutions, representatives from industries and governments and decision makers in all levels of vertical responsibility on the need to place in the core of action and learning the respect for the bio-environment as a new value system.
• this reform should be an on-going process contributing to the harmonious coexistence of all forms of life and shifting from anthropocentric to biocentric values (bio-economics, bio-culture, bio-ethics, bio-legislation, bio-architecture, bio-theology)
• since in a consumer society money constitutes a value system which needs to be revised, it was agreed to consider as a priority a new definition of profit. Today’s society equates value with the quantity of money. This understanding may evolve to include also the dimensions of quality of life.
• the active participation of women and youth in the decision making process is of utmost importance for the preservation of the bio-environment. In view of the Rio de Janeiro Earth Summit, it was proposed that the following be included as “Recommendations by the B.I.O. and its Supporters”:
  • as previously published and recommended, a World Referendum could provide the expression of opinion by every individual of our planet on the wish “to support the bio-environment and the continuation of bios”
  • bio-diplomacy may serve as a new pathway of international cooperation. Bio-diplomacy substitutes the policies of fragmentation and division with a far-sighted unifying vision of interdependence. Since all people belong to the body bios, the respect for the bio-environment constitutes the primary effort of the B.I.O. and needs to be used as the tool to implement the goals of the B.I.O. as stated in all previous conferences and resulting publications, since those include the commitment of representatives from 54 countries
1986: Biopolitics at the UNA meeting in Berlin, G.D.R. The chairperson resolved to promote Biopolitics as an instrument for international co-operation and this recommendation was sent to 150 nations.

Subsequently, at the 31st WFUNA Plenary Assembly in Canada (1987), the following Biopolitics goal was passed in the resolutions: "...the importance of bios (life) will be reflected in the agenda of WFUNA and national UNAs with the goal to achieve new dimensions in international co-operation, education and many other fields."

In 1994, the Biopolitics proposal for cease-fire during the Olympic games was passed as a UNA resolution in Sri Lanka.

In 1996, B.I.O. President and Founder, Dr. A. Vlavianos-Arvanitis was appointed Commissioner on the Global Commission to Fund the United Nations, a commission assigned with the responsibility of assuring the UN of adequate funds to perform tasks in peacekeeping, humanitarian aid, protection of the global environment and sustainable development.

From the B.I.O. Photo Album

1989: "Second Bios Day" - A picnic lunch in the country home of the painter Angelos, in honour of H.E. the Ambassador of Japan, Mr. Kazuo Kaneko.

1987: One of the first Biopolitics presentations at the World Council of Churches, Switzerland. Biopolitics subsequently participated in major events organized by the Archdiocese of Boston and New York City, as well as by the Ecumenical Patriarchate.

1990: H.E. the Ambassador of India on the occasion of the "Third Bios Day," held in honour of H.E. the Ambassador of Turkey, Mr. Gunduz Akyan and the participants of the Hellenic-Turkish Symposium (p.21 this issue).

1993: B.I.O. President, Dr. A. Vlavianos-Arvanitis, and B.I.O. Trustee, Prof. R. Koles receive the first communication Abdi Ipekci Peace and Friendship Prize, for their contribution to international co-operation and understanding on the bio-environment.


1996: B.I.O. President and Founder, Dr. A. Vlavianos-Arvanitis was appointed Commissioner on the Global Commission to Fund the United Nations, a commission assigned with the responsibility of assuring the UN of adequate funds to perform tasks in peacekeeping, humanitarian aid, protection of the global environment and sustainable development.
The B.I.O. would like to stress the importance of bio-culture for environmental policy. Since its inception in 1985, the Biopolitics International Organization (B.I.O.), has been striving to meet the need to set ethical pre-conditions for the development of new technologies and clean energy systems, in order to respect and benefit bio (life).

The bio-environment can provide the necessary unifying dimensions to transcend boundaries and attain international co-operation. Furthermore, the bio-environment can become the inter-disciplinary link between culture, diplomacy, business and trade, leading to a new era of bio-culture, where every endeavour will be governed by biocentric principles and orient towards the appreciation and preservation of bios on our planet.

The B.I.O. would like to stress the importance of bio-culture for the corporate world. In the pursuit of environmentally compatible economic strategies, companies need to priorities, where issues of quality and of life will become a measurable asset and not merely an abstract concept, are essential. Safeguarding the environment needs to become a successful promotion of cleaner production and environmental management, but will also result in a critical reassessment of current assumptions and a new corporate strategy to meet the demands of an increasingly environmentally-conscious society. In view of this pending task, economic science must seriously contemplate the inclusion of concepts that are presently considered abstract and qualitative. It is necessary to develop sound indicators for the formation of financial policies, taking into account natural, cultural, and environmental impact. The issue of quality of life needs to assume top priority, as well as health, happiness, internal wealth, culture and education. These elements, which are often excluded from conventional theory of finance, need to become the framework for the new economics of the 21st century.

Since its inception in 1985, the Biopolitics International Organisation (B.I.O.), has been striving to meet the need to set ethical pre-conditions for the development of new technologies and clean energy systems, in order to respect and benefit bio (life).
significant portions of their budgets for covering unemployment benefits, the time has come to seriously consider viable alternatives to coping with all the above. The NAO has been promoting the introduction of a Green Salary for the unemployed, with the commitment to work for the protection of the bio-environment. Projects could include tree planting, city cleaning, recycling, reusing and other similar constructive activities. This Green Salary can help elicit a positive feeling among the unemployed, in addition to providing new opportunities for work and aiding the attempt to lower unemployment. Furthermore, businesses could be granted special tax deductions when providing for the unemployed to be involved in environmental projects.

Modern technology and scientific breakthroughs constitute powerful tools, resulting in new challenges for business and leading the way to a new societal structure. It is therefore essential to guide this progress towards a positive direction and apply a millennium vision to decision-making and policy-planning, in order to preserve the earth for the generations to come.

The Periodic Table of Economic Science

Environmental preservation is intrinsically linked to economic progress. Preserving the wealth and beauty of the bio-environment, securing the health of the earth’s population, and guaranteeing equal educational opportunities for every country in the world can be a source of profit, both monetary and social. Economics will need to be updated to a comprehensive science, in order to eliminate negative stereotypes of fragmentation and mutual exclusion. The study of the intricate relationships between economics and all the various manifestations of our natural and cultural heritage can provide the missing elements for an integrated understanding of economic phenomena, thus leading to the formation of the Periodic Table of Economic Science, much like the periodic table of elements in chemistry, that the Russian chemist D.I. Mendeleev drafted more than a century ago.

In devising the periodic table, Mendeleev captured the order of the chaotic elements into a predictable pattern, thus able to classify known elements and describe their properties in detail, but managed to accurately predict the existence and properties of elements discovered many years later. Even though the periodic table was flawed more than a century ago, it still remains the most important single correlation of chemistry, permitting us to deal with the great variety and diversity of nature. The diachronic aspect of Mendeleev’s table is an important today as it ever was. If we view our future as a periodic chart, then we can begin to search for ways to enrich it and fill all the empty spaces with new values and a constructive vision. Modelling the periodicity of chemical properties in vertical and horizontal patterns, led to the discovery of the order and clarity of science. A vertical and horizontal classification of priorities in society reveals their interdependence and can lead to a harmonious future.

Electronic structure, which forms the basis of the periodic table, conveys the concepts of energy and potential. Similarly, priorities in society need to be classified according to their positive contribution towards uplifting values and human potential. This potential can be applied to enrich our society with a better understanding of biological and cultural diversity. Waves of energy and light, waves of communication, can bring us together as a global community to decide on a joint pathway for the future. New ethics have to govern our action and society, if we are to take full advantage of the benefits of economic progress and eliminate destructive trends.

Today, we have the wisdom to control economic progress and we should apply it to its full extent. We can use the knowledge gained to improve our quality of life and improve the world for the generations to come. We can fill all the empty spaces of our periodic table with the beauty and wealth of cultural and historical diversity, thus creating a new framework for the Periodic Table of Economic Science. The table acknowledges the urgency of re-evaluating its role with reference to a long-term, global financial policy, it will be more efficient in answering to the challenges of the next millennium. Once recovery and new growth are achieved and recognizing the supports of some biases, they will be more successful in fulfilling the needs of the enterprise, the community, the country and the world.

* Dr. Agi Vlavianou-Arvanitis 1996

**Biopolitics International Organisation**

**BUSINESS STRATEGY FOR THE BIO-ENVIRONMENT (English)**

Proceedings from a寒冬-American Symposium, Athens, December 14, 1993

**Contents**

- **Biopolitics**: The Bio-Environment - Culture and Business Opportunities - Agi Vlavianou-Arvanitis, President and Founder, Biopolitics International Organisation
- **Safeguarding the environment needs to become a concrete asset of every nation’s prosperity.**
- **The Bio-Environment in Financial Policy**
  - Business Strategy for the Bio-Environment
  - Dr. Laszlo Kapolyi, President, System International Foundation, Hungary
  - Prof. Udo Simonis, Science Centre Berlin, Germany
  - John Boutaris, President, I. Boutaris and Son S.A.
  - Dimitris Maniatakis, Managing Director, Zeneca Hellas S.A. • ICAP Hellas S.A. • John Pesmazoglou, President, Academy of Athens • ICAP Hellas S.A. • Dr. Bradley Smith, Director of Environmental Education, United States Environmental Protection Agency

**BUSINESS STRATEGY FOR THE BIO-ENVIRONMENT II (English)**

Proceedings from a Corporate Symposium at The Harbors of New York City, February 7, 1997

**Contents**

- **Business Strategy for the Bio-Environment - The Technical Policy**
  - Biopolitics - A Shift from Anthropocentric to Biocentric Values in Business
  - Dr. Agni Vlavianos-Arvanitis, President and Founder, Biopolitics International Organisation

**BUSINESS STRATEGY FOR THE BIO-ENVIRONMENT III (English)**

Proceedings from an International Conference on Profit and The Bio-Environment, Athens, October 31, 1995

**Contents**

- **The Bio-Environment and New Models for the Future**: Biopolitics - A New Dimension of the Concept of Profit
  - Dr. Agni Vlavianou-Arvanitis, President and Founder, Biopolitics International Organisation
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BIOPOLITICS

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VOLUME V

International Sakharov Festival


Reservoir Development and Exploitation for a Normal Trophic State, Dr. Emil Rus

Head, Hydraulic Department, Environmental Engineering Research Institute

Philippines: A Developing Region's Investment in Natural Capital, Professor M. Dino Fortes, Marine Science Institute

Israel: Enclosed Coastal Seas - A Case Study: The Gulf of Aqaba, Red Sea, Professor Baruch Kimor, Israel Institute of Technology, Faculty of Agricultural Engineering

Bio-Energy

Greece: Bio-Energy Perspectives

Versus Bio-Environmental Concerns, Professor Basil C. Papadias, Department of Electrical Engineering National Technical University of Athens

Russia: Bio and the Physics of Light, Professor Andrei Rubin, Head, Department of Biophysics, Moscow State University

Greece: Global Balances, Professor Vlastis Seitzopoulos, Aristotle University of Thessaloniki

Bio-Technology and Agriculture

Belgium: Biotechnologies and Agriculture

Professor Frederic A. Lints, Catholic University of Leuven

Ethiopia: Biotechnology Strategy for African Food and Agriculture, Dr. Ali Harbou, Member of the Club of Rome, United Nations Economic Commission for Africa

Greece: Ecology and Agriculture, Professor Thomas Alfaikatos, Department of Agricultural
Engineering, Aristotle University of Thessaloniki, Greece, and the Professional Healthy Man, Dr. Yuri I. Vornikov, Head, Department of Cosmonaut Selection, Institute of Biomedical Problems, Ministry of Health, Russia.

Bio-Ethics

Turkey: Defining Bio-ethics, Professor Yaman Or, Unit of Medical Ethics, Medical Faculty, Ankara University.

Greece: Bio-Ethical Assessment of Biotechnology, Dr. Christos Yapijakis, Department of Neurology, University of Athens.

Bio-Health

Russia: Russia and Siberia; Health Problems in Environmentally Damaged Territories, Professor Sergei I. Kolesnikov, Co-President International Physicians for the Prevention of Nuclear War, President, East-Siberian Science Centre, Academy of Medical Science.

Bio-Education

Biology: Shaping the Future: Education for a Global Responsibility, Dr. Paulo C. Moura, President, Institute of Political and Social Studies, Brazil.

Greece: The Bio-Environment and Bio-Activism: Toward a Culture of Peace, Dr. Terence M. Duffy, Director of Peace Studies, University of Ulster, Magee College.

Bio-Economics

Japan: How to Compete in the 21st Century? The Importance of an Ethical and Environmental Commitment from Corporations, Dr. Gunter Pauli, Advisor to the Rector, United Nations University.

Bio-Environment and Bio-Activism: Protecting Bios in the Next Millennium. What does this Mean? M. Lapka and Dr. V. Mejstrik, Institute of Landscape Ecology, Academy of Sciences, Czech Republic.


World-renowned classical guitarist Elena Sabharow performed during a break in the conference academic programme, combining artistry and talent in a brilliant expression of Bio-Culture.
In hopes of contributing to the search for bio-cultural values for the next millennium, the Biopolitics International Organisation accepted the invitation by the Russian Academy of Sciences and the Russian Cultural Organisation GOSCO, to hold the International Sakharov Festival in Greece. It took place in Athens, July 28-31, 1994, with the theme Biopolitics - the Bio-Environment - Bio-Culture in the Next Millennium.

The honorary guest of the Festival was Elena Bonner, widow of the renowned Russian humanitarian, who established the Sakharov Foundation after his death to perpetuate his legacy and continue his work.

The International Sakharov Festival consisted of a Gala Concert and an Academic Programme (featured on p. 14-15 this issue) and promoted the concept of an “international bio-culture” where music, science, politics and the arts are all interrelated concepts in the struggle for a better quality of life.

The Gala Concert took place at the ancient theatre of Herod Atticus, at the foot of the Acropolis, with the participation of world famous soloists such as Cellist Mstislav Rostropovich, Soprano Hildegarde Behrens, Violinist Leonidas Kavakos and Pianist Dimitris Sgouros. The soloists were accompanied by the Athens State Orchestra, conducted by Yuri Temirkanov.

The Academic Programme included a symposium where prominent international figures in the fields of politics, diplomacy, science and education contributed their viewpoints and insight on the importance of incorporating the principle of environmental protection in all aspects of human endeavor.

The Sakharov Foundation

Shortly after Andrei Sakharov’s death in December 1989, Elena Bonner organised a “Public Commission for the Preservation of Andrei Sakharov’s Legacy.” This Public Commission has now been registered in Moscow as the “Public Commission for the Preservation of Andrei Sakharov’s Legacy - Sakharov Foundation.” It operates from premises on Moscow’s Garden Ring and is currently negotiating the acquisition of additional space for a Sakharov Museum in Moscow. The U.S. Andrei Sakharov Foundation was incorporated in Delaware in August 1990.

Elena Bonner serves as a Chairman of both the Moscow Commission and the U.S. Foundation, ensuring that their educational, scientific and humanitarian activities are co-ordinated and advance the goals of “Peace, Progress and Human Rights” as expounded in A. Sakharov’s writings and exemplified by his life.
April, 1996

Eleven Years of B.I.O.

I

n January 1995, Biopolitics Internation-

al Organisation founder and president,

Professor Vanclav Arvantis, was nomi-
nated for the Nobel Peace Prize by Nobel

Peace Prize laureates: Kailash Satyarthi,

Kolusniver; President of International Physi-

icians for the Prevention of Nuclear War.

He has devoted his efforts to way of pro-

tection of the bio-environment by bringing a

raised awareness and attention to the pro-

cesses that are being made by the B.I.O.

L.P. of support were sent from all

parts of the globe to key decision-makers

and policy designers. The comments and

support offered by these key individuals

serve to promote the goals set forward by

the B.I.O. and to serve as a catalyst for

opening the required new dimensions for

achieving the shift from anthropocentric to

biocentric thinking. It further lifts the

spirits of those labouring with this task, giving

fuel for the enormous energy required to

achieve outcomes that are of the greatest

importance for all environmental causes

such as you have

made a great contribution to create a new

biocentric system of values and priorities

necessary for harmonic development of

our civilization in the next millennium.

Professor Victor A. Sudovitch

Rector, Moscow State University, Russia

"There is no question that total devotion to

environmental causes such as you have

shown is of the greatest importance for

the future of all of us. It would be difficult

to find energy of this kind were not recog-

nized by this supreme distinction.

Professor Gustav Born

Director, The William Harvey Research Institute, U.K.

"The consistent, long and successful efforts

of Dr. Agip Vanclav-Arvantis has been to

secure overall advances of inter-
national cooperation for the

effective protection of the bio-
environment and associated initiatives

in the areas of environmental

education, health and living con-

ditions...We wish to support

your nomination as a

contribution to the

1995 Nobel Peace Prize.

Xenophon Zolotas, I. Prime

Minister, Member, Academy of Athens

and Ioannis Pinnemelos, President,

Academy of Athens, Greece

"I am pleased to know that the

President and Founder of the

Biopolitics International

Organization has been nominated

for the Nobel Peace Prize. The

International University for the

Bio-Environment and the

Environmental Olympics and Risk Prizes

will be greatly encouraged by

Professor Jim Kondo

Director General, Research

Institute of Innovative Technology

for the Earth, Japan

"I would like to offer you my warmest

congratulations on your nomination for

the Nobel Peace Prize. Your life devoted

to science and the protection of bio-

environmental values, your brilliant

achievement as founder and

President of the Biopolitics Interna-
tional Organization over many years and

your personal qualities have set an example

to the young generation in the next

milennium.

Dr. Vaclav_Nemcik

Institute of Landscape Ecology, Academy

of Sciences, Czech Republic

"I am delighted to learn of your

nomination. I consider this a most

justified nomination which pays tribute to

your presidency by the B.I.O. and

the International University for the

Bio-Environment (I.U.B.E.), and I am

honoured to have participated in its

foundation.

Professor Lev Fedele

Tel Aviv University, Israel

"On behalf of the Indonesian National

Commission for UNESCO, we extend

our full support of the Nobel Peace Prize

nomination.

W.P. Nagpote, Executive Chairman

Ministry of Education and Culture,

Indonesia

"It gives me immense pleasure to learn

of your nomination for the Nobel Peace

Prize. I look forward to staying in touch

with you and your work and wish you

every further success.

John Hartland, Counsellor

Political Affairs Committee, Gun Fun

e Peaceful Assembly

"I sincerely and warmly congratulate you

for having been nominated for the

Nobel Peace Prize. For sure, I believe and

I am convinced that the committed and dy-
namic leader like you will make bio-envi-

ronmental protection the primary soci-

tal goal and a reality in the 21st Centu-

y.

Ali Harbou

Food and Agriculture Organization of

the United Nations, Ethiopia

"I wish you every success with the

Nobel Peace Prize nomination. Bio-

environmental protection should be a major

social goal.

M.S. Swaminathan

M.S. Swaminathan Research Foundation

"I would like to offer you my warmest

congratulations on your nomination for

the Nobel Peace Prize. Your life devoted

to science and the protection of bio-

environmental values, your brilliant

achievement as founder and

President of the Biopolitics Interna-
tional Organization over many years and

your personal qualities have set an example

to the young generation in the next

milennium.

Dr. Vitalaj Denisy, Director

Environmental Studies,

Klaipeda University, Lithuania

"Congratulations on your nomination

for the Nobel Peace Prize. Your efforts to

protect human rights and bio rights are

finally being given due recognition.

Kazi F. Jalal, Office of Environment

and Social Development

Asian Development Bank, Manila,

Philippines

"I wish you every success with the

Nobel Peace Prize.

Allow me to congratulate you from

the heart for the Nobel Peace Prize

nomination. I consider this a most

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your presidency by the B.I.O. and

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Bio-Environment (I.U.B.E.), and I am

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foundation.

Professor Jozef Kapek

President, Systems International Foundation,

Hungary

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Dr. Kazimir Krupcik

President, Systems International Foundation,

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Bio-Environment (I.U.B.E.), and I am

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President, Systems International Foundation,

Hungary

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foundation.
B.I.O. Symposia - Bio-Diplomacy

International co-operation for the preservation of the bio-environment

Czech Symposium

BIOPOLITICS - THE BIO-ENVIRONMENT - BIO-CULTURE IN THE NEXT MILLENNIUM

Proceedings from a Hellenic-Czech Cultural Symposium, organised by the Biopolitics International Organisation, Athens Chamber of Commerce and Industry, April 1995

• Opening Session
  H.E. Ambassador Georgios Georgiou, Director of Cultural Affairs, Ministry of Foreign Affairs, Greece
  H.E. Professor Mervyn, Ambassador of the Czech Republic to Greece
  H.E. Ambassador Panayotis Economidou, International and Public Relations Advisor, Biopolitics International Organisation
  Panos Panayotis, Vice-President, Athens Chamber of Commerce and Industry
  • Biopolitics - The Bio-Environment - Bio-Culture in the Next Millennium
  Dr. Agni Vlavianos-Arvanitis, President, and Founder, Biopolitics International Organisation
  • Science, Ecology and Society, Interactions, Risks and Prospects
  Dr. Rudolf Zahradnik, President, Czech Academy of Sciences

French Symposium

PROCEEDINGS FORM A HELLENIC-CZECH MILLENNIUM BIO-CULTURE IN THE NEXT MILLENNIUM

Dr. Rudolf Zahradnik, President, Czech Academy of Sciences
• Economic Development and the Environment in the Czech Republic
  Dr. Jaroslav Sokola, Environmental Advisor, Czech Academy of Sciences
• Academic Research in the Transition Economy of the Czech Republic
  Professor Vlastimil Majecky, Director, Institute of Landscape Ecology, Czech Academy of Sciences
• The Wealth of Protected Areas in the Czech Republic
  Dr. Jan Cerovsky, President, ECO-POINT Foundation, Senior Scientist, Czech IUCN
• Environmental Policy and Public Participation
  Dr. Bedrich Moklan, F. Minister of Environment, Centre for Environment, Charles University
• The Bio-Environment and Decision-Making
  Dr. Ivan Rynda, F. Chairman, Environmental Committee of the Federal Assembly
• Searching for Human Values Compatible with Sustainable Ways of Living
  Dr. Josef Vavrousek (1944-1995), Chairman, Society for Sustainable Living

Hellenic-Russian I

BIOENVIRONMENTAL MONITORING OF THE OCEANS

A Hellenic-Soviet event organised by the Soviet Embassy in Athens and the Biopolitics International Organisation in honor of the Head of Expedition, Dr. Vladimir Bereznitsky, the Scientific Team of the Academician Alexey Krylov's Research Boat the General Director of the EcoAqua Consortium, Dr. Nikolai Osipov and the Soviet Cosmonaut Makarv, April 1991

Hellenic-Russian II

THE BIO-ENVIRONMENT AND INTERNATIONAL CO-OPERATION


Opening address
  • V. V. Kozhukhov, Captain
  Tasks and Programme of the Expedition
  Dr. Vladimir Bereznitsky, Head of Expedition
  The World Oceans Ecological Monitoring Project
  Dr. Vladimir Sounpohitik, General Director of the "EcoAqua" Consortium
  • V. M. Pis'man Director, "Academician A. N. Krylov" Central Scientific Research Institute
  Viktor Savinyh Pilot-Cosmonaut, Rector, Moscow Institute for Air

Russian Symposia

Photography and Cartography
  Dr. V. R. Narev, Representative, Institute for Space Equipment
  Professor Viktor Ksniulukov First Vice-President, All-Union Economic Society
  Biopolitics - The Bio-Environment
  Dr. Agni Vlavianos-Arvanitis, President, Biopolitics International Organisation
  Professor Vitalii Samuilov Director, Centre for Education in Biotechnology
  Professor Mikhail Gusev Dean, Biology Department Moscow State University

Opening Address
  H.E. Ambassador Panayotis Economidou, General Secretary, Ministry of Foreign Affairs
  Opening of Symposium Participants Valerij Grishin, Head of the Information Department of the President of the Czech Republic
  Welcoming Address
  Nikos Anagnostoulis, Secretary General of Adult Education
  Viktor A. Boiko, Head d'Affaires of the Russian Embassy
  Dr. John Bailey, President, American College of Greece

Hellenic-Russian III

THE BIO-ENVIRONMENT AND INTERNATIONAL CO-OPERATION

Proceedings from a Hellenic-Russian Symposium organised by the Biopolitics International Organisation, Athens, December 1991

• Opening Address
  H.E. Ambassador Panayotis Economidou, General Secretary, Ministry of Foreign Affairs
  Opening of Symposium Participants Valerij Grishin, Head of the Information Department of the President of the Czech Republic
• Welcoming Address
  Nikos Anagnostoulis, Secretary General of Adult Education
  Viktor A. Boiko, Head d'Affaires of the Russian Embassy
  Dr. John Bailey, President, American College of Greece

Biopolitics - The Bio-Environment
• The Bio-Environment and International Co-operation
  Dr. Agni Vlavianos-Arvanitis, President, Founder of the B.I.O.
• The Social and Cultural Impact of the Environment on Women
  Dr. Alexandra Mendyan, Vice-President of the Academy of Creative Endeavors, President of the International Women Centre
• The Impact of the Environment on the Health of Future Generations
  Professor Serge I. Kolesnikov, President of the East Siberian Section of the Medical Academy of USSR
• Women's Health and the Environment
  Professor Irina Maruliyiva, Cor. Member of the Medical Academy of Russia, Director of the IWC Family Planning Clinic
• Personality Disorders Due to Environmental Degradation
  Professor Ludmila P. Burea, Member of the Academy of Creative Endeavors, Member of the Board of the I.W.C.
• New Thinking and the Changing Role of Women in Public Organisations
  Tatjana D. Matveeva, Candidate of Historical Sciences Secretary of the I.W.C.
• Social Planning and Women's Problems
  Natalia S. Grigorescu, Director, I.W.C. Science - Research Institute
• Youth and the Bio-Environment
  Nikolai Osipov, Professor in Education Discussion Coordinator
  Dr. Agni Vlavianos-Arvanitis, President, Founder, Biopolitics International Organisation
• Participants: Eleonora Dafis-Frantzenkki, President, Athenian Women's Organisation
  Nicola Nicol, Head of Department of the Greek Soroptimist Society
  Elfi Petrey, President of the Greek Soroptimist Society

Russian Symposia

Dr. Nikos Kataaros, Senior Research Scientist, National Centre of Physical Research "Demokritos"
• The Bio-Environment and International Co-operation
  Dr. Agni Vlavianos-Arvanitis, President, Founder of the B.I.O.
• The Social and Cultural Impact of the Environment on Women
  Dr. Alexandra Mendyan, Vice-President of the Academy of Creative Endeavors, President of the International Women Centre
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Symposium Society

Alexander Olekin, Research Scientist, Department of Biology, Moscow State University
Christos Ellinas, Student, University
Tony Stamatakis, Journalist and Author, Junior's Chamber
Tassos Demotropoulos, Head of Department, Junior's Chamber
Maria Mavridou, Student, Athens College
Maria Mavridou, Student, Athens College
Turkish Symposium

THE BIO-ENVIRONMENT AND INTERNATIONAL CO-OPERATION

Proceedings from a Hellenic-Turkish Symposium organised by His Excellency the Ambassador of Turkey, Mr. Guntuz Aktan and the Biopolitics International Organisation held at the City Hall of Athens, May 1990

Welcoming Ceremony - Medal of the City of Athens

The Honorable Mayor of Athens, Mr. Nicolas Yatrakos

His Eminence The Metropolitan of Chalcedon, Mr. Vartholomeos Guntuz Aktan and the Ambassador of Turkey, Mr. Orhan Karakullukcu

Bios and Developing Economies

The Honorable Former Mayor of Thaizon, Mr. Orhan Karakullukcu

Bios and Business

Mrs. Kitty Kyriacopoulou, Chairman of the Board, Bauxites Parnasse Mining Company S.A.

Environment and Economy

Mr. Theodore Demospoulos, Governor of the Agricultural Bank of Greece

The Golden Horn Project

Biopolitics - The Bio-Environment Education in the Year 2000

Adana, Turkey, May 17-20, 1995

Opening Ceremony

Professor Huseyin Ekiya, Director, Centre for Environmental Research, Cukurova University

Dr. Agni Vlavianos-Arvanitis, President and Founder, Biopolitics International Organisation

Professor Ruam Keles, Director of Environmental Studies, Faculty of Political Science, Ankara University

Professor Yusuf Ulhu, Deputy Rector, Cukurova University

Mr. Aytaç Durak, The Honourable Mayor of Adana

Mr. Naci Parmakalz, The Honourable Governor of Adana

Mr. Taskin Tuna, Ministry of Environment

Academic Session I

Professor Halet Cambel, Archaeologist, Kantepe-Aslantaw Museum

H.E. Ambassador Kari Pukman, General Consul of Sweden in Istanbul

Professor Andrei Rubin, Academician, Head, Department of Biophysics, Moscow State University

Professor Michael Musakow, Academician, Director, Biotechnology Centre, Mendeleyev University, Moscow

Professor Gyula Bora, Vice-Rector, Budapest University

Professor J.W. Dobrowolski, Polish Academy of Sciences

Academic Session II

Professor Nur Suren, Head, Department of Landscape Architecture, Ankara University

Professor Ruam Keles and Ms Nilgun Gurer, Faculty of Political Sciences, Ankara University

Professor Cevat Geray and Mr. Mehmet Tuncor, Faculty of Architecture and Engineering, University of Ankara

Professor Yaman Ors, Unit of Medical Ethics, Medical School of Ankara

Dr. Fred Ernst, Department of Soil Science, Cukurova University

Professor Berna Algapogut, Director, Institute for Social Sciences, Ankara University

Professor Meral Kence, Middle East Technical University

Professor Erdogan Gulcin, Cukurova University

Biopolitics - The Bio-Environment - Biocentric Values for the Next Millennium - Round Table Discussion

Dr. Agni Vlavianos-Arvanitis, President and Founder, Biopolitics International Organisation

Mr. Orhan Karakullukcu, Industrialist, Former Mayor of Thaizon

Mr. Nicholas Lykos, Industrialist

Professor Muhir Fysurgoglu, Cukurova University

Indian Symposium

THE BIO-ENVIRONMENT IN A META-INDUSTRIAL SOCIETY

A Hellenic-Indian Day

Lecture by Mr. Shif. Wertheimer

Foundation-President of IEAR Ltd., Israel

held at the Pentelikon Hotel, Athens, January 1990

Population Growth, Food Security and Equity

Proceedings from a Hellenic-Indian Symposium organised by the Biopolitics International Organisation, Athens, April 1993

Welcoming Address

H.E. Ambassador panayiotis Economou, International and Public Relations Advisor, Biopolitics International Organisation

H.E. Ambassador Ahbab Seth, Ambassador of India to Greece

• Biopolitics, the Bio-Environment, a Needed Value System for the Future

Dr. Agni Vlavianos-Arvanitis, President and Founder, Biopolitics International Organisation

• Population Growth, Food Security and Equity

Dr. Kamla Chodhry, f. Chairperson, National Wastelands Development Board of India

British Symposium


Introduction

Dr. Agni Vlavianos-Arvanitis, President and Founder, Biopolitics International Organisation

• Bios in the Next Millennium

The Right Honourable Lord Ennals, Member House of Lords, Former Cabinet Minister, United Kingdom

Mr. Stef. Wertheimer, Founder-President of ISCAR Ltd., Israel

Lecture by Mr. Fred Ernst, Department of Soil Science, Cukurova University

Mr. Nicholas Lykos, Industrialist, Former Mayor of Thaizon

Mr. Theodore Demospoulos, Governor of the Agricultural Bank of Greece

The Golden Horn Project

May 1988

International Organisation Athens, Council and the Biopolitics Symposium sponsored by the British Council

December 1987

Rector, University of Ankara

Mr. Aytaç Durak, The Honourable Mayor of Adana

Mr. Naci Parmakalz, The Honourable Governor of Adana

Mr. Taskin Tuna, Ministry of Environment

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Professor Meral Kence, Middle East Technical University

Professor Erdogan Gulcin, Cukurova University

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Professor Muhir Fysurgoglu, Cukurova University

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• Population Growth, Food Security and Equity

Dr. Kamla Chodhry, f. Chairperson, National Wastelands Development Board of India

Biopolitics - The Bio-Environment Education in the Year 2000

Adana, Turkey, May 17-20, 1995

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Professor Berna Algapogut, Director, Institute for Social Sciences, Ankara University

Professor Meral Kence, Middle East Technical University

Professor Erdogan Gulcin, Cukurova University
Progress Highlights

1985
- First presentation of Biopolitics - Dimensions of Biology and Philosophical Society Meeting, Athens
- Articles in leading newspapers and journals, lectures at professional and cultural institutions, numerous letters of support from around the world.
- Copyright of the terms Biopolitics and the publication of B.I.O. material in Russian, Chinese, and Japanese.
- First National Conference on Biopolitics in Athens.
- Biopolitics introduced to the Council of Europe.
- Speeches on Biopolitics at the University of Ankara, the University of Ankara in co-operation with the Institute of Oceanography, Columbia University, and the University of Michigan.
- Symposium on Biopolitics at the Next Millennium cosponsored by the French Embassy in Athens.
- Lectures and presentations in Belgium, Paris and Switzerland.
- American Biographical Institute Gold Medal of Honour for Outstanding Achievement and Dedication to Personal and Professional Goals, presented to Dr. A. Vlavianos-Arvanitis, B.I.O. Founder and President.

1988
- Lecture and press conference on Dimensions of Biopolitics at the Union of Journalists and Periodical Owners, Athens, following which, numerous articles appeared in newspapers and magazines.
- President elected Honorary President of the United Nations Association of Sri Lanka.
- Biopolitics lecture by the Right Honourable Lord David Ennals, B.I.O. Trustee, cosponsored by the British Council of Athens.
- First "Bios Day" in honour of the Right Honourable Lord David Ennals.
- Biopolitics Nonprofit Foundation established in the USA.
- Biopolitics as a course or concentration major becomes included in universities and Schools in Europe and the USA.
- Lecture and discussion on Biopolitics presented to Members of Parliament, Council of Europe Meeting, Greece.
- Lectures and presentations in GDR, Poland, UK, Belgium and Israel.
- Radio interviews broadcast in Europe, Africa, North and South America, and Australia.
- Second International Conference on Bios in the Next Millennium, Athens.
- Official invitation and visit to Israel. Presentation of B.I.O. to the Board of United Nations Association.
- Oxford University proposes co-operation with B.I.O. for the establishment of a Biopolitics Major.
- Cambridge University proposes B.I.O. participation in the Bantu Uta project.

1990
- Launching of the International Conference on Human Environment (I.U.B.E.) with the participation of leading representatives from 80 countries.
- Hellenic-Israeli Symposium with leading industrialist Mr. Shif Wertheimer as keynote speaker.
- Hellenic-Turkish Symposium on The Bio-Environment and International Co-operation.
- Third "Bios Day" celebration.
- Walden Earthcare Network requests official co-operation with B.I.O. on projects relating to youth and the bio-environment.
- Lectures in Greece, USA, Denmark and Japan.
- The University of Ankara introduces Biopolitics in the Graduate School of Political Sciences curriculum.
- Hebrew Union College in Jerusalem introduces Biopolitics as a textbook in universities around the world.
- Meeting with Senator AI Gore at the United States Senate.
- Lecture, International Congress for the 500 years of the discovery of America, Venezuela.
- Fifth B.I.O. International Conference, Istanbul, Turkey.
- The President and Founder elected Honorary President for Life, along with Mikhail Gorbatchev, Maurice Strong and Nelson Mandela, for outstanding contribution to international understanding and friendship, by the United Nations Association of Sri Lanka.
- Guest of honour at the International Symposium on Functioning of Coastal Ecosystems, Institute of Oceanography, Gdansk University, Poland.
- International campaign for the award of Nobel Prizes during the Olympic Games.
- Lectures, Serbian Academy of Arts and Sciences, Belgrade University, Russian Academy of Sciences, Orthodox Archdiocese of Switzerland.

1993
- Official proposal submitted by the Alliance for Environmental Education for the international expansion of the Alliance in 50 countries through the B.I.O. headquarters in Athens.
- Official agreement to promote Biopolitics - The Bio-Environment.
- Hellenic-Israeli Symposium, under the auspices of the Israeli Embassy, with Dr. Kamila Chowdhury as guest of honour and keynote speaker.
- Biopolitics is translated into Russian and Greek.
- Lectures and presentations during several cultural and environmental events in Greece.
- Over 80 weekly B.I.O. television programs. Wide media coverage of B.I.O. activities.
- Proposal for the implementation of Clean Production, in co-operation with major Greek businesses, submitted to the European Union.
Eleven Years of B.I.O.

1994

• Session on Biopolitics - The Box Theory, Helicon Union of Biologists Symposium Series of lectures in Russia and the U.S.A.

• Keynote address at the Conference on Theology and the Environment, under the auspices of the Ecumenical Patriarchate, Chalki

• Articles on Biopolitics - the Bio-Environment in Rotary Club publications

• President receives the honorary distinction "94 Woman of the Year" Award from the American Biographical Institute

• Wide press coverage of B.I.O. activities. Radio and Television reports

• Hellenic-Ionian Symposium on Waste Management with participation of business leaders from both countries and representatives from Lombaria Roms, the leading Italian waste management enterprise.

• International Sakharov Festival - Biopolitics - The Bio-Environment - Bio-Culture in the next Millennium with the participation of Mikhail Rostropovich as President

• Russian Satellite TV broadcast of the International Sakharov Festival

• Keynote address at the First Polish Congress on Unification

• Closing address, International Conference on Environment and Quality of Life in Central Europe, under the auspices of the President of the Czech Republic, V. Havel

• Keynote address at the Fourth International Symposium on World Energy Systems Development of Intercontinental Power Systems, Hungary

• Ten-day Seminar on Biopolitics at the State Technological University of St. Petersburg, Russia

• Keynote address at the International NATO Symposium, Athens

1995

• The President and Founder of the Biopolitics International Organisation, Dr. Agni Vlavianos-Arvanitis, is nominated for the Nobel Peace Prize, by Nobel Laureate and Co-President of International Physicians for the Prevention of Nuclear War, Professor Sergei Kolesnikov

• Biopolitics - The Bio-Environment - Biocultural Values for the Next Millennium, seminar at The World Bank, Washington DC

• Third Symposium on Business Strategy for the Bio-Environment, The Harvard Club of New York City

• Hellenic-Czech Symposium on Biopolitics - The Bio-Environment - Bio-Culture in the Next Millennium

• Weekly Biopolitics Program

• Keynote address on the occasion of the 50th UN Anniversary, UNA Greece

• Biopolitics Education in the Year 2000 - Seventeenth B.I.O. Conference, Adana, Turkey

• Keynote address at the Serbian Academy of Sciences and Arts

• Meeting with the Committee on Legislative Provision of Freedom of Speech and Mass Media, Supreme Reds (Parliament) of Ukraine - Extensive Discussions and Presentations to Parliamentarian Commisions

• Participation in the State of the World Forum, San Francisco

• Official invitation to The Athens Summit

• Guest of Honour and Keynote Speaker at the Mendeleyev University of Chemical Technology 75-Year Anniversary Jubilee

• Closing address, International Business Forms Industries 7th European Annual Conference

• Multiple lectures at Rotary Clubs, cultural centres and educational institutions in Greece and Cyprus

• Profit and the Bio-Environment." Fourth B.I.O. Business Conference for environmentally-compatible Business Strategy, in co-operation with the Athens Chamber of Commerce and Industry

• Official Launching of the International for the Bio-Environment Visiting Scholars Program at the I.U.B.E. Rodolini Centre

• Keynote address, ALPINE graduation ceremony: Eurodisney Center for Research and Development Conference; Hel- lenic Biotechnological Society "Bio-Strategy" Conference

• B.I.O. pavilion at the HELECO Environmental Technology for the Mediterranean Area 2nd International Exhibition and Conference

• The Biopolitics International Organisation acquires a site on Internet’s World Wide Web (http://www.telecom.nina.gr/bio/)

1996

• Keynote address, International Inner Wheel Day, Ministry of Foreign Affairs, Athens

• Weekly Biopolitics full-page articles in the Albanian daily "Adem Jeremi" on "Biopolitics Program"

• Weekly Biopolitics Radio Program

• Keynote address, First Biopolitics "White Land" Chapter Conference on Scientific and Technological Bases for a Global Energy System, St. Petersburg, Russia

• Lecture, St. Petersburg State Technological University for Plant Polymers and Lomonosov Moscow State University

• Keynote address at D.I. Mendeleyev University of Environmental Technology in Russia, on the occasion of a Memorial Conference for D.I. Mendeleyev

• The President is appointed Commissioner to The Global Convention to Fund the United Nations, a commission which assures the United Nations of adequate funds for performing tasks in peacekeeping, humanitarian aid, protection of the global environment and sustainable economic development

• Lectures, Parnitha Rotary Club and Italian School, Athens

• "Biopolitics - Bio-Economics" special events, Athens University of Economics and Pireaus University of Economics

• Keynote address, European Commission Centre, Amsterdam

• "Biopolitics - The Bio-Environment" 2-week event, including lectures, workshops and exhibits, in co-operation with Artists without Frontiers and the Municipality of Athens

• Lecture, International University of Business Strategy and Marmara University, Turkey

• Keynote address, Habitat Conference, Moscow and World Congress on Urbanism, Poland

• B.I.O. Symposium in Trabzon, Turkey

• Chair, session on Biopolitics and Bio-Diplomacy, World Congress of the Society for Arts and Sciences, Brisolada

• Chair, session on Biopolitics, Europa Dialog, Germany

• "Biopolitics - The Bio-Environment - Bio-Culture in the Next Millennium." Hellenic-Ukrainian Symposium, under the auspices of H.E. Ambassador Boris Kornemsky

• "First Biopolitics Conference in Latin America," held in Colombia, under the auspices of the Fundacion San Juan Bautista and President Belisario Betancur.

Proceedings:

BIOPOLITICS - THE BIO-ENVIRONMENT - VOLUME I
Dr. A. Vlavianos-Arvanitis, Editor. First B.I.O. International Conference, May 1987, (English), 400 pp., 1990

BIOPOLITICS - THE BIO-ENVIRONMENT - VOLUME II

BIOPOLITICS - THE BIO-ENVIRONMENT - VOLUME III

BIOPOLITICS - THE BIO-ENVIRONMENT - VOLUME IV

BIOPOLITICS - THE BIO-ENVIRONMENT - VOLUME V

Business:

BUSINESS STRATEGY FOR THE BIO-ENVIRONMENT - VOLUME I (Greek)

BUSINESS STRATEGY FOR THE BIO-ENVIRONMENT - VOLUME II (Greek)

BUSINESS STRATEGY FOR THE BIO-ENVIRONMENT - VOLUME III (Greek)

BUSINESS STRATEGY FOR THE BIO-ENVIRONMENT (English)

BUSINESS STRATEGY FOR THE BIO-ENVIRONMENT II (English)

BUSINESS STRATEGY FOR THE BIO-ENVIRONMENT - VOLUME IIII (Greek)

Diplomacy:

BUS IN THE NEXT MILLENNIUM
Proceedings from a Panopinche Symposium, October 1987

BUS IN THE NEXT MILLENNIUM
Lectures by the Right Honourable Lord Ennals sponsored by the British Council and B.I.O., May 1988

BIOPOLITICS - PROTECTING THE BIO-ENVIRONMENT
Lecture by Dr. Alis Excellency: The Ambassador of Israel, Moise Ghar, at the Third B.I.O. International Conference, June 1989

BIOPOLITICS - THE BIO-ENVIRONMENT
Presentation at the General Assembly of the Academy of Athens by Academician Professor C. Gouras, (Greek), March 1990

THE BIO-ENVIRONMENT AND INTERNATIONAL CO-OPERATION

BIOPOLITICS - BIO-DIPLOMACY AND INTERNATIONAL CO-OPERATION

POPULATION GROWTH, FOOD SECURITY AND EQUITY

BIOPOLITICS - THE BIO-ENVIRONMENT - BIO-CULTURE IN THE NEXT MILLENNIUM

Textbooks:

BIOPOLITICS - DIMENSIONS OF BIOLOGY
Dr. A. Vlavianos-Arvanitis (Greek, English, French), 1995

BIOPOLITICS - METHODS OF IMPLEMENTATION
Dr. A. Vlavianos-Arvanitis (Greek, English), 1995

BIOPOLITICS - BIO-SYLLABUS
Outline (Greek, English), 1989, 1990

BIOPOLITICS - THE BIODIAGNOSIS
Dr. A. Vlavianos-Arvanitis (Greek, English, 1990, 1991

THE INTERNATIONAL UNIVERSITY FOR THE BIO-ENVIRONMENT
Goals and Outline (English) 1991, Greek 1991-1992

BIOPOLITICS - THE BIO-ENVIRONMENT - BIO-SYLLABUS
Outline (Greek, English), 1990

BIOPOLITICS - THE BIO-ENVIRONMENT - BIO-CULTURE
Dr. A. Vlavianos-Arvanitis (Greek, 152 pp.), 1994

Periodicals:

BIENWS Periodical Vol. 1, No. 1, 1987

Eleven Years of B.I.O.

April, 1996

What is the Biopolitics International Organisation?

The Biopolitics International Organisation (B.I.O.) is a non-profit, non-governmental organisation, founded in Athens, in 1983. Over the course of its eleven year history, B.I.O. has been promoting a shift from an anthropocentric to a biocentric system of values in society, in order to curb environmental destruction and place appreciation of the bio-environment at the core of every human endeavour.

• In the search for new models for the future, the bio-environment can provide necessary unifying dimensions for the promotion of international co-operation and understanding. With Greece as its operating basis, B.I.O. has gained international acclaim, and leading representatives from 83 countries currently support its ideals and have dedicated their efforts to their world-wide propagation.

• B.I.O. has held seven international conferences and many symposia that have significantly contributed to the development of new strategies to secure bio-environmental protection as a primary societal aim. In January 1990, B.I.O. launched the International University for the Bio-Environment (I.U.B.E.), with the goal to introduce essential reforms on all educational levels and promote new biocentric curricula in every academic field.

• Our century is characterised by rapid scientific and technological progress, but also by serious threats to the bio-environment. A bio-assessment of technology would allow for the positive dimensions of progress to prevail over destruction. In an effort to establish a diachronic search for values, B.I.O. has begun an international Environmental Olympics campaign, that has been widely supported by prominent politicians, academic institutions, U.N. organisations and members of the International Olympic Committee. This campaign emphasises the importance of bio-environmental preservation, and proposes the world-wide acknowledgement of accomplishments in this field by special Bios Prizes, awarded at the time the Olympic Flame is lit.

• A large part of the current environmental crisis is due to the pursuit of short-term economic prosperity, therefore, the active participation of the business world is a prerequisite for the successful implementation of the aforementioned plans. B.I.O., focusing on environmental protection as a viable and profitable business strategy, has been actively promoting the sensitisation of the business world to the fact that economic and environmental profit can be achieved simultaneously and are not mutually exclusive. As a result, it is necessary to re-evaluate current business concepts, in order to ensure that the economic driving force directly contributes to the preservation and appreciation of the bio-environment.

Biopolitics: Building a Biocentric Pyramid for the Future

Present society resembles an inverted pyramid, with anthropocentric attitudes threatening the stability of the entire structure. For the past eleven years, the Biopolitics International Organisation (B.I.O.) has been toiling to “re-invert” the pyramid, with the aid of biocentric building blocks, in hopes of achieving a balanced and harmonious future society where respect for the precious gift of bios (life) will be at the core of every action and thought.

A world-wide bio-assessment of technology can help to bridge the gap between technological progress and societal values. Technological progress will retain its positive aspects and directly contribute to the preservation of the bio-environment. The hope is that humanity will soon acknowledge the urgency of protecting bios on our planet and exit the current crisis of values brought on by irresponsible, short-term planning. A millennium vision in global policy-making is the key to a successful future.

Biocentric Building Blocks

• Bio-Diplomacy
• Bio-Culture
• Bio-Economics
• International University for the Bio-Environment
• Bio-Syllabus
• Bank of Ideas
• Environmental Olympics - Bios Prizes
• Bio-Assessment of Technology
• International Conferences
• Bio-Policy
• Millennium Vision

B.I.O. Countries

African: Algeria, Botswana, Egypt, Ethiopia, Ghana, Kenya, Malawi, Mali, Mauritius, Morocco, Mozambique, Nigeria, Senegal, Seychelles, Sudan, Tanzania, Chad.

American: Argentina, Bahamas, Bermuda, Brazil, Canada, Chile, Colombia, Cuba, Ecuador, Guyana, Mexico, Peru, United States, Venezuela.

Asian: Armenia, Cambodia, China, Hong Kong, India, Indonesia, Israel, Japan, Jordan, Kuwait, Lebanon, Malaysia, Pakistan, Philippines, Singapore, Sri Lanka, Thailand.

European: Albania, Austria, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Monaco, Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Spain, Sweden, Switzerland, Turkey, United Kingdom, Ukraine, Yugoslavia.

Oceanic: Australia, Guinea, Papua New Guinea, Solomon Islands.

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