

PROTECTING THE ENVIRONMENT AND ENSURING THE CONTINUITY OF BIOS – A PRIORITY POLICY FOR THE MILLENNIUM

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A bios vision in globalisation

With globalisation defining the shape and structure of future society, the need for a new vision becomes more urgent. Globalisation is taking place without goals and ideals, when it should be based on values that have a meaning for the continuity of bios on our planet and for the understanding of our dependence on all forms of life. Without this vision, globalisation will not only fail but will also pose serious threats to the world. As environmental deterioration is becoming a compelling issue of unprecedented importance, international co-operation in the preservation of the bio-environment can provide the necessary unifying dimensions to face the challenges ahead.

Environmental protection and respect for the gift of life must therefore evolve into a more expansive concept and become part and parcel of the dominant social paradigm.¹ The ethics of this endeavour entails a number of different elements and the solution lies in a deeper understanding of our responsibilities as human beings on this planet.

Environmental policy today is based on the idea of sustainability. Although this idea consists of many aspects and operates as a first line of defence against environmental degradation, its long-term viability is not guaranteed. The flaws can be justified by the absence of an internationally agreed upon strategy and of a unified vision. A new strategy, which goes beyond sustainable development, can broaden our horizons and can introduce the necessary criteria for a more just and safe global management. For the reversal of negative trends to be effective and to avoid further degradation and catastrophe, environmental legislation has to be adopted in a universal manner. Threats to bios do not recognise national borders, political and religious differences. These can be resolved through multilateral co-operation and through bio-diplomacy.

Society needs to mobilise every one of its elements and strive for a better future. We are now consumed in an inverted pyramid structure, where nothing is in balance because the right priorities have not been set. The pyramid may once again become re-inverted once we acknowledge the value of basing the entire structure of society on biocentric principles. The International University for the Bio-Environment (I.U.B.E.) – an initiative which actions the B.I.O. aspiration for global environmental literacy – is a catalyst that can infuse society with these necessary models. It provides a new educational challenge, fighting the trend towards over-specialisation and seeking to open up all areas of study and training to an appreciation of life on our planet,

The current crisis of values is a great threat, not only to the environment but also to peace. This is why there is a pressing need to use the diachronic ideals of the past to motivate every member of society towards the conservation of the environment.

The Olympic Spirit can play a leading role in uniting the forces of culture and technology to instil the appreciation of the aesthetic value of life on our planet. An Olympiad of values and not merely of physical prowess must evolve. Bios Prizes for each speciality, with the participation of every individual and profession is one of the major B.I.O. goals for the new millennium. Through a truly international and multidisciplinary environmental education, every citizen of the world can contribute to the spiritual renaissance² of humanity.

Setting global bio-environmental priorities

In the current crucial period of transition, world decision-makers have the responsibility to lead the process of change. To do so effectively, priorities need to be clearly defined and, to avoid mistakes of the past, a new vision and new models are seriously needed. The promotion of international peace and security and the fundamental human right of living in a clean environment have to be actively pursued. It is necessary to tie these issues together, since the environment is the most potent unifying agent in modern society. Concerns for the deterioration of our planet do not recognise national boundaries, ethnicities or religions and, therefore, active global participation in the effort to preserve the environment can lead to the desired goal of international co-operation and understanding.

There is divergence in will expressed by national governments and these governments, have to be guided, through consensus, to the direction of a genuine commitment and not merely an unenthusiastic compromise. Global priorities need to be collectively set and technological drives properly channelled. Balancing the seemingly incompatible aspirations of global environmental harmony and economic growth needs to become the focal point for future development policies. It is essential to realise that not only are these issues not conflicting, but it is impossible for any economy to flourish without just and long-range environmental management.

Fortunately, the world is currently aware of the fact that bios and the environment are in dire need of attention, and global conservation efforts are gradually starting to show results. However, this should not be cause for laxing effective measures, but should be viewed as positive re-enforcement in the struggle to make bio-environmental protection the core

component of every action and thought. In order to be effective, global peacekeeping and humanitarian efforts should be co-ordinated on the basis of environmental conservation. A "millennium vision" in decision-making and policy-planning can provide the necessary long-term objectives, in order to address these problems with a view to the future.

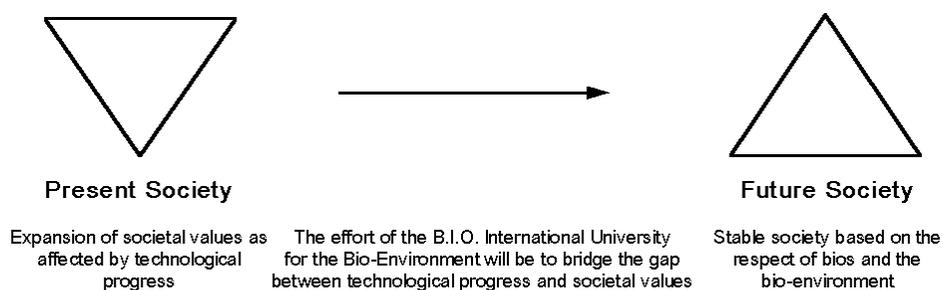
Immediate action is of the essence. By the time reforms and revisions are approved, they tend to be already outdated. Loss of biodiversity, destruction, war, exploitation of the poor, unequal distribution of resources and trade methods that increase the debt of developing nations require a prompt and radical solution. This solution has to be encouraged by expanding the potential of human resources and channelling them towards a productive and constructive renaissance. Long-term objectives for the implementation of global policies, such as fostering peace, developing human resources, curbing financial inequality and promoting strategies for eliminating world disparities have to become the number one priority in the 21st century.

Since its inception in 1985, B.I.O. has been raising awareness of the urgent need for a new system of economic norms and principles, compatible with sound environmental management and with the most important task of ensuring unbiased international trade and long-term investment. Poor countries overuse their resource base and, thereby, their natural environment. The sale of raw materials in oversaturated markets leads to falling prices, which in turn reduces net proceeds. Because of such conditions, appeals to protect the environment are ignored or often met with derision. The conflict between the industrial countries' ongoing economic growth and the developing countries' undisputed need for growth, on the one hand and, the negative environmental effects of energy and raw material intensive production on the other, cannot be solved within the present framework. As environmental problems do not discriminate along national boundaries, international co-operation and sanctions based on negative and positive incentives, are the only viable alternatives.

The goal is to eliminate current inadequacies in financial trends and guarantee economic prosperity for every country in the world. Moreover, the goal is to ultimately render the concept of a "Third World" obsolete and, through enhanced communication, trade and co-operation reach a desired state of world equilibrium in both economic and sociological terms. Guaranteeing a better quality of life for every citizen in the world holds the key to a harmonious and peaceful global society in the next millennium.

Bio-culture – moving beyond sustainable development

Present society resembles an inverted pyramid, with human rights representing the tip and technology expanding the unstable base. This imbalance could be changed if we "re-invert" the pyramid and place bios rights as the wide base of our society. Human rights will then occupy the stable tip of the structure.



The relationship between human culture and the bio-environment is becoming increasingly important in our times. The bio-environment is affected by our culture, which is, in turn, shaped by the bio-environment. Bio-culture represents the conscious effort of humanity to reach this interdependence. Aesthetic values, music, science, the arts, diplomacy, politics, business and trade can all come together in the struggle for a better quality of life. In all its facets, bio-culture reflects the spirit of bios as a powerful unifying factor for the future co-evolution of humanity with the bio-environment and the harmonious co-existence of all forms of life. Furthermore, bio-culture can provide the necessary incentives for every endeavour to be governed by biocentric principles and orient toward the better understanding and preservation of bios on our planet.

But more than just a simple orientation toward biocentric principles, bio-culture is a manifestation of life. Bios, with all its intricacies and wonders, can be a source of joy and inspiration. New cultural values, for a global appreciation of bios, can help the world acknowledge the importance of environmental preservation and the urgency of taking action against negative trends. Bio-culture can also provide the ethical guidelines for a reassessment of current assumptions and a critical evaluation of the future. The hope is that present regional conflicts will be alleviated and incompatibilities between environmental harmony and economic growth reconciled. Once the world acknowledges the importance of safeguarding bios, the most precious possession on our planet, embracing bio-cultural values will become the only viable alternative.

Working to sustain what already exists is not enough. With new challenges constantly arising and with an increased awareness of the urgent need to take action against destructive trends, the time is ripe to find more comprehensive, long-term solutions to protect our planet and guarantee a balanced society for the future. A new vision, *beyond sustainable development*, can help place the situation in perspective, and provide the necessary incentives to move ahead and explore possibilities leading to more just and safe global management.²

Bio-economics – redefining the concept of profit

Environmental preservation is inextricably linked to economic progress. Preserving the wealth and beauty of the bio-environment, securing the health of the Earth's population, providing fair rules of trade, and guaranteeing equal educational opportunities for every country in the world can be a source of genuine profit, both monetary and social.

Environmental destruction is still cheap, because the environment has not been priced. Threats to the environment can only be relieved through a fundamental change in the economy. Economic science must seriously contemplate the inclusion of concepts that are presently considered abstract and qualitative. The issue of "quality of life" needs to assume top priority, along with 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. Moreover, the concept of profit has to be redefined, in order to include dimensions of internal wealth, preservation of natural resources as a measurable part of a nation's prosperity, better health and the protection of biodiversity, which constitute a "genuine" profit for society.

The prevailing economic structure must be quickly redesigned and re-organised to operate on a long-term basis. Reactive environmental policy is inadequate and there is a pressing need to shift from "react-and-cure" strategies to "anticipate-and-prevent" strategies. Within this framework, environmental standard setting must be conceived as a continuous process. With growing knowledge and awareness on actual and probable environmental damages, the thresholds for action must be successively lowered. This will not only lead to an efficient promotion of cleaner production and environmental management, but will also result in a re-evaluation of current issues and a new economic strategy to meet the demands of an increasingly environmentally-conscious society.

Regulation is a priority if the existing incentive structure in the economy is ever to change towards increasing resource efficiency. Furthermore, a grassroots mobilisation and public participation, on both a local and an international level, are crucial to the establishment of world-wide, bios-supporting strategies and initiatives. Environmentally-sound management guidelines have been discussed and arrogated at the negotiating table, but in real life directives on the national and international level all too often do not reach local decision making. A "top-down" approach, effectively combining the consensus and consent of the people, as well as that of governments and international institutions, is essential for the successful implementation of a global environmental policy.

The periodic table of economic science

Humanity is wasting time. In order to exit inflexible thinking processes that have led to disastrous situations immediate action is crucial. Solving environmental problems requires a dynamic approach, combining past experience and present opportunities to establish enriched models for the future. To meet this challenge, economics will need to be upgraded to a comprehensive science and eliminate stereotypes of fragmentation and mutual exclusion. The study of the intricate relationships between all the varied 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 universe. Not only was he 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. Although the periodic table was framed 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 as 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 mobilising 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 thought, in order to make full use of the benefits of economic progress and eliminate destructive trends.

In Greek mythology, misguided and destructive progress is portrayed in the story of the sun god, Helios, and his son, Phaethon. Phaethon's precarious driving of the sun chariot brought him to his own demise. 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 and build a positive framework for the future. Once economic science acknowledges the urgency of re-evaluating its role based on a long-term, global financial policy, it will be more efficient in answering to the challenges of the millennium.

A three dimensional approach to economic theory

Bio-Environment	
Quality of Life	• Health - Safety - Justice - Happiness - Co-existence with all forms of life - External and Internal Wealth - Micro-Environment - Macro-Environment
Ethical Values	• Diachronic Values for Society - New Criteria for Business Compatible with Quality of Life
Legislation	• National - Global - Bios Rights - Bio-Diversity - Global Warming - Ozone Depletion - Overpopulation - Poverty - Deprivation
Macro and Micro-Economics	• Time and Space Scale - Historical Perspective - Millennium Approach - Cleaner Production
Bio-Diplomacy	• Interdependence - International Cooperation - Third World Viewed as Partner
International Commerce	• Durable Development - Internalizing External Costs - Consumer Protection
Governance	• New Models of Participatory Democracy - World Referendum - Defense for Bios
Education	• Biocentric Curriculum in Economics - Satellites in Education
Media and Communications	• Internet Communication Feedback - Satellite Diffusion of Information - Marketing
Energy	• Protection of Resources - Study of Bios Models
Employment	• New Opportunities for Employment in Bio-Environmental Protection - Green Salary for Unemployed
Culture	• Arts, Cultural Values, Traditions

Conventional business and national accounting are inadequate for the implementation of long-term economic policies. Economic growth is largely being measured in terms of goods and income categories only, while the effects of this on the stock and quality of resources – natural capital – are not adequately considered. Traditional economics approaches are generally limited to cartesian representations of inflation and depression tendencies, histograms of monetary units, or regression analyses of stock-market trends. Although these *two-dimensional* approaches were usually sufficient in the past, they are in dire need of revision and updating. We cannot carry 19th century methods into the third millennium. The current fragmented and limited picture of economic theory needs to be replaced by a *three-dimensional* approach, where the value of culture, human capital, education, natural resources, and biodiversity will factor in every equation and diagram.⁵

Financially poorer nations may be richer in cultural values, art, tradition or biodiversity. These elements represent an enrichment for the entire planet and cannot keep being ignored by economists. Evaluations of GNP and trade potential should evolve to include all the above mentioned parameters and place special emphasis on the urgent task of safeguarding bios and the bio-environment. Policies for economic growth and employment opportunities, on a global level, have to be structured according to these new principles in order to be more effective in countering poverty, national debts, environmental deterioration and unfair trade developments.

Green salary – new employment opportunities

With current unemployment rates rising and governments forced to allot significant portions of their budgets for covering unemployment benefits, the time has come to seriously consider viable alternatives to counter the situation. B.I.O. 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 cleanup, recycling, resource recovery and other 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 levels. Moreover, businesses could be granted special tax deductions when providing opportunities for the unemployed to be involved in environmental projects.

Genetic banks – saving the wealth of biodiversity

We live in an age where the state of a nation's wealth is evaluated increasingly upon economic factors such as stockmarket performance and shrinking budget deficits. Booming industrialised economies have budget surpluses running into trillions of dollars, while even in countries with weaker economies millions of working class people are investing in shares in runaway stockmarkets. This unprecedented spurt of misguided economic growth is seriously jeopardising the environment and threatening biodiversity on a global level.

The protection of the environment and of the life that prospers within it are low on the list of priorities of near-sighted decision-makers, demonstrating just how crucial it is to adopt a long-term vision in policy. The real wealth of our planet is in the sheer breadth, richness and beauty of the plants and animals whose species are quietly reduced every year by an insatiable hunger to feed material desires that have grown all out of proportion to our needs.

One of the ways propounded by B.I.O. to safeguard this wealth of life on our planet is Genetic Banks, which preserve the genetic material of endangered plant and animal species and thereby protect the enormous wealth and biodiversity of wildlife. These Genetic Banks should be established locally to preserve genetic variety in endemic species. If we succeed in introducing a biocentric vision into a world currently subservient to the existing anthropocentric system, the extent of biodiversity will in the future be a real indicator of wealth on our planet.

World referendum – a new pathway for democracy

In this crucial endeavour, it is essential to have global participation and the time is ripe for humanity to dynamically voice its concern over environmental deterioration. A World Referendum,⁴ where every citizen on the planet would simultaneously cast a vote for bios, would result in a global mobilisation for the reversal of destructive trends and would guarantee a brighter future.

It is the purpose of the B.I.O. World Referendum to transcend national boundaries and bring the world together in a common cause. In today's complex society, nations seldom share priorities. Developing and industrialised nations are faced with entirely different challenges, and even neighbouring countries lock horns over incompatible priorities. Environmental protection is possibly the only issue that is relevant to all the nations of the world. A simultaneous ballot on saving bios is a brilliant opportunity to demonstrate that as citizens of the world we can all agree on safeguarding the Earth for the generations to come.

Present breakthroughs in the field of communication technology can provide the opportunity for the public to be actively involved in issues concerning our daily lives and be able to cast a vote, anytime, through computer networks and communication link-ups, which can make immediate feedback possible from any corner of the globe. This can open up new pathways for a *participatory democracy*, where opinions will be actively expressed and politicians will no longer be able to evade their responsibilities.

Bank of ideas – mapping the evolution of environmental awareness

We are moving into a truly interdependent world where communication is vital to development. Information technology brings the world together and expands the boundaries of knowledge and thought. However, the current environmental crisis is shaking the very foundations of our world view. Ethical values, societal structure, and national and international issues have to be re-examined with reference to the new perspectives of modern society. This shift in societal concerns poses new challenges and opportunities for global action.

In the sphere of the environment, the record of shifting attitudes now gravitating towards a heightened consideration for the planet, demonstrates an evolution in our ability to perceive and define priorities in society. Mapping this evolution, from ignorance to awareness to sensitisation and, finally, to active participation could serve as a valuable tool for identifying societal progress and could aid our efforts to counter environmental abuse on a world-wide level.

To action this initiative B.I.O. proposes a computerised Bank of Ideas to allow every individual to express and document their thoughts on environmental issues and create a rich resource of information and reflections on bios and the bio-environment for all. This globally accessible repository of the world's wisdom, which utilises the Internet's communications facilities, will be available for generations to come. Importantly, this will allow us to chart the development of thinking and ethics and will also serve to prevent the unnecessary and time-wasting duplication of ideas. People from all walks of life are encouraged to contribute to this endeavour. Historically, the views of the public have hardly been recorded, in marked contrast to the opinions of the famous and influential. This is an opportunity to amend this imbalance, allowing us to benefit from the insights of many. It is hoped that the Bank of Ideas will serve as a model for educational institutions who can in turn help nurture this endeavour.

The Bank of Ideas will not restrict itself to certain areas but will call for a log of ideas in every field so that the wisdom of humanity may be collected and trends in the evolution of thought traced. With a concrete record of this trajectory of movement, we would be able to determine the parameters of change, making the process of taking action easier and more effective.

Bio-diplomacy – investing in "defence for bios"

Present threats to bios are international problems. The required solutions entail the development plans of action for peace and international understanding. International co-operation may lead to a new era for the diplomatic world; the era of bio-diplomacy. Nations will no longer be at war with each other but, with environmental destruction and abuse. Foreign policy may thus shift from a fragmented, competitive framework to a vision of unity and interdependence.

Bio-diplomacy recognises that cultural differentiation constitutes the wealth of the body of humanity. Humanity is part of the overall body of bios, where DNA, the genetic code for every living organism, is the link connecting all forms of life. Trees, the source of oxygen on our planet, can be considered the "lungs" of the body of bios. Damage to the lungs is not an isolated event but results in the whole body suffering. These unifying concepts are promoted as the primary consideration of bio-diplomacy which is involved in enhancing international co-operation in environmental issues and actively supports efforts to maintain biological and cultural diversity. At the same time, bio-diplomacy seeks to improve human relations and attain the goal of world peace by replacing current diplomatic attitudes with a complete international and intercultural perspective.

To encourage international co-operation the world needs to stop investing in war and start investing in the preservation of the bio-environment. Competition for ways to destroy, should become co-operation for ways to save. Without interfering with vested interests, the greatest challenge for the 21st century should become the development of new ways of channelling current defence protocols so as to adopt the principle of *defence for bios* as the primary national and international priority. Existing defence equipment can be amended and used for reforestation, water resource clean-up, soil erosion recovery, protection of the ozone layer and the de-contamination of areas affected by nuclear radiation.

Bio-legislation – defending the rights of future generations

The central concept of bio-legislation, regarded as an integral part of biopolitics, is to link the protection of bios rights to the defence of the rights of future generations. Furthermore, bio-legislation acknowledges that in addition to "human rights" there exists a series of "human obligations" geared toward our common responsibility to preserve the environment and improve quality of life on a global level. It is therefore essential for international legislation to make explicit reference to the protection of bios on our planet and for current environmental acts to be expanded upon and re-evaluated.

The interdependence between human rights and human obligations is vital in this context. Rights correspond to obligations and to secure the harmonious development of society we need to acknowledge certain important responsibilities. The defence of human rights should not be regarded as an issue unrelated to the protection of other forms of life on our planet. Health hazards arising from environmental degradation and pollution, desertification, depletion of natural resources, water scarcity and famine are a threat to the human species. To secure our rights and to prevent disaster we need to urgently take on the responsibility of reversing negative trends and protecting our natural heritage.

Normative regulations must take full account of these issues, both locally and globally. Bio-environmental considerations should become one of the determining – if not decisive – factors of decision-making at every possible level. It must also be realised that environmental protection is the only option for securing development in the future. International environmental legislation must include relevant provisions for public education, training and information regarding the interdependence between humanity and the environment.

Bio-ethics

In view of the urgent need to curb environmental deterioration and to secure the rights of future generations, the promotion of bio-ethics as the foundation for the peaceful and harmonious co-evolution of humanity and the environment is currently a priority for B.I.O. A human being is closely related to, and dependent on, all the life on Earth. How, then, can we reconcile our existence with the rapid deterioration of bios?

Experts and scholars are trying to devise the correct context for bio-ethics in the 21st century. Public health issues, scientific research appropriateness and human rights are becoming the pivot points of debates and legislative frameworks. In this effort, consideration should be given to the role the environment can play in determining the future of humanity, and decisions should be based on the interdependence among all forms of life. Human rights, the biomedical implications arising from the advancement of science, and concerns over pollution and dwindling natural resources cannot be treated in isolation. The environment as a common point of reference can provide a powerful link and lead to the comprehensive treatment of the challenges we face.

Bio-education for a global responsibility

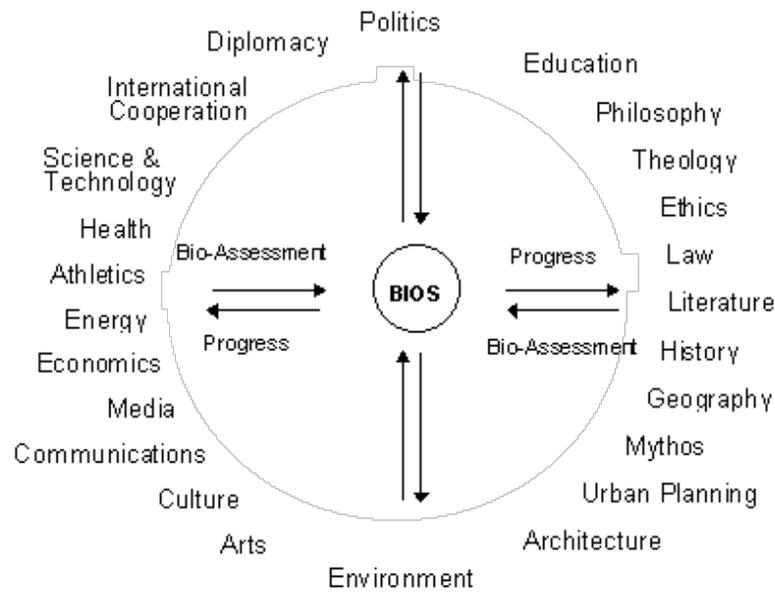
To reach a new state of the world, education is key. An integrated biocentric education that secures lifelong environmental literacy for every citizen on the planet is a necessary vehicle for the successful furtherance of a global appreciation of bios. Bearing in mind that universities should be, by definition, "universal," the International University for the Bio-Environment (I.U.B.E.), launched by B.I.O. in 1990, promotes a model bio-education by introducing interdisciplinary educational reforms on a world-wide basis.

Rather than focusing on the award of degrees, the I.U.B.E. acts as a catalyst to accelerate environmental awareness and impart a biocentric message to students and training professionals around the world. It is based on a Visiting Scholars Program, whereby leading educators and decision-makers infuse existing educational institutions with bios promoting values. The aim is for the I.U.B.E. to become a world-calibre initiative for the development of multidisciplinary environmental concepts, beyond 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:

- international educational reforms and the promotion of an efficient global bio-education through the Internet and the use of satellites
- the development of a comprehensive *Bio-Syllabus* for every educational level demonstrating how environmental concepts apply to all academic areas
- international co-operation in environmental protection leading to a new era of bio-diplomacy
- international legislation on bios rights and human obligations towards the environment
- the re-evaluation of business and management concepts and the development of new economic strategies compatible with environmental preservation
- raising public awareness of the ramification of the biological sciences
- an international campaign for *Environmental Olympics* and the award of *Bios Prizes* to individuals or institutions that have contributed to the preservation and appreciation of the bio-environment

BIOS IN THE NEXT MILLENNIUM



- a global *bio-assessment of technology*, to ensure technological and economic progress that support the bio-environment, and to help bridge the gap between technological progress and societal values. In reference to the issue of "Bios in the Next Millennium," experts in respective fields will be asked to present a thesis and antithesis, and then create a synthesis of new concepts. Emphasis will be placed on identifying ways of reducing negative environmental impact, so as to truly benefit from the contributions of technological breakthroughs.

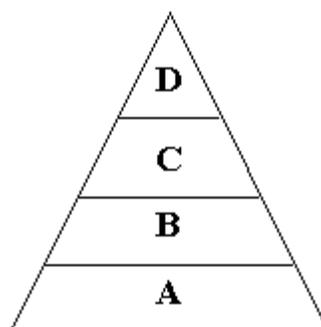
The I.U.B.E.'s pioneering *Bio-Syllabus* is already part of the curriculum of numerous university courses in an expanding list of countries. It provides themed references to the highly regarded and wide ranging resource of published B.I.O. material, freely available to both educators and the educated, in print and electronically – on the Internet and on a recently released CD-ROM.

Environmental Olympics – bios prizes – *athlos* as an intellectual achievement

In the quest for new societal values for the next millennium, a revival of the ancient Olympic spirit can contribute unity and harmony to the development of every aspect of human endeavour. The Olympic Games, held in Greece for over ten centuries, constituted important political and cultural events, promoting a unifying vision of peace, kinsmanship and reconciliation. Currently, the Olympics, a beacon of world peace and hope, award medals only for physical prowess. Moreover, the concept of *athletics* has become synonymous with sports and feats of the body. Yet we should be reminded that the word *athlos*, means achievement. Therefore, the term athletics encompasses all possible achievements of humanity, whether physical or intellectual. It is thus important that the concept regain its original significance and become redefined, on the basis of a new system of values.³

In order to promote incentives for environmental protection and a global bio-culture for the new millennium, B.I.O. has been proposing the development of multidisciplinary international committees, assigned with assessing progress and awarding Bios Prizes to individuals, or institutions, that have significantly contributed to the preservation and appreciation of the bio-environment.

Example: Bio-Legislation



- Global legislative community to nominate candidates
- Supreme court justices and university law professors to receive nominations and propose up to 150 candidates for award
- Elected 30 member International Com-mittee to select 15 nominations
- 3 member International Committee to award 3 Bios Prizes

At present, international competitions take place in various fields, but represent a fragmented view of human achievement. In order to re-establish the harmony and unity behind all expressions of creativity, an overall recognition and award of achievement in sports, arts, and science may be carried out simultaneously, every four years, on the occasion of the Olympic Games. For example, legislators could be awarded for developing new legislation regarding bios rights; architects, for having worked in the construction of "biopolis" models; corporate leaders, for including environmental protection in their business activities. Prizes could be awarded in several disciplines, such as ethics, legislation, economics, business, theology, architecture, diplomacy, or philosophy, with the hope to eventually include all human accomplishments.

Cease fire

The Olympiads should be periods of world peace and occasions for all citizens to celebrate the unifying concepts brought forth by the Olympic spirit. At the same time, the global community can be sensitised to the value of a harmonious co-existence as a vehicle for achieving a better quality of life. Within the spirit of bio-culture, B.I.O. has been promoting the revival of the ancient ideal of cease-fire during the Olympics,³ a proposal recently adopted as a UN resolution. The hope is that the bio-environment will act as a unifying force for peace, leading to a new social structure, where respect for bios will be at the core of every action and thought.

Bio-peace – global harmony in the next millennium

Technology has induced the expansion of every field of human endeavour. Continuous innovation and development, as well as fluidity in the structure of society due to changing social goals, make the identification of priorities and proper educational perspectives difficult. The emerging global economy ascertains the future requirements for society. While we are becoming interested in economic growth, there is also an increased awareness of the need for a better quality of life. On the brink of the 21st century, the timely implementation of biocentric initiatives is of the essence.

Regional conflicts, constantly erupting all over the world, are severely jeopardising global security. Without a new and revised approach to the issue of international co-operation, it is doubtful whether we will ever be successful in attaining harmony, and progress toward a world made up of responsible and affected citizens. Our society is governed by a system of *Darwinian ethics*, where survival of the fittest is regarded as the optimal strategy. Global peace cannot become a reality if we allow this trend to continue, and it is the responsibility of every citizen in the world to ensure that a new set of values and ethics prevails. Within the framework of this new set of ethics, the global community has to learn the joy of sharing. It is not to anyone's advantage to separate the world into developed and under-developed regions. Poverty and the unequal distribution of resources not only affects the countries that suffer most by it, but threatens the stability of the entire planet. It is up to us to render the concept of a "Third World" obsolete and work together to reconcile environmental harmony with the need for economic prosperity and growth. A better harmony between economy and the environment is a tremendous task, conceptionally as well as practically. Its implementation requires a restructuring of the economy and a replenishing of economic policy.

We all share the gift of bios, the most precious possession on our planet. Political systems have come and gone, financial regimes have succeeded and failed, but bios, in unlimited varieties and forms, has existed for millions of years. Bios and the bio-environment are the most powerful agents for the attainment of world peace and stability. The pursuit of *bio-peace*, through the development of concrete plans for world-wide co-operation on environmental conservation, can alleviate conflict and division and contribute to a new era of international understanding. By enacting these principles and evaluating future policy-planning on the basis of biocentric criteria, we may succeed in the quest for world security and order. The unifying aspects of bios and the bio-environment hold the key to our future. If we all adopt this principle as our guide, then perhaps global peace will become a reality in the next millennium.

Millennium of Peace

*Can you hear the gong
resonate the dawning of the new era
Can you see the bright stars
send messages of light and hope
Can you feel the breathing
of every creature on our planet*

*the waves of love
the whispers of life*

*Can you listen to the beat of your heart
embrace us all with warmth
Share the new vision
of joy, peace and harmony*

(A. Vlavianos-Arvanitis, 1998)

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