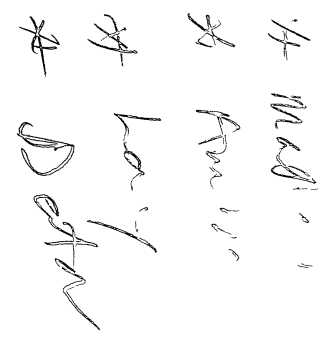


Dts



by irades, institute for futures research and education Roma Italy

As we announced in the previous issue of the Newsletter, the 1974 edition of SOCIAL AND HUMAN FORECASTING DOCUMENTATION 1974, giving vital statistics on persons and institutes engaged in futures research, is now being printed

One month ago, our School for Futures Studies opened, and three-fourths of the first introductory

- 1 Organizations
aims intentions activities of
groups
- 2 Individuals
intentions, changes of address
- 3 Events
meetings courses lectures
exhibitions, etc
- 4 Activities
on going research and studies
- 5 Publications
recent or in press
- 6 Flashes
Future bearing news
- 7 Future Forum

course have now been completed We should appreciate any suggestions sent us by our readers toward advancing this project from its present experimental stage to a more institutionalized status

We would like to underline that the Newsletter is not simply a means of information but a way of intercommunication a service between the people who send the information and the people who receive it

This publication is a letter through which all may communicate to all

1) any information which is considered to be of particular interest and relevance to the efforts now being made to anticipate needs means appropriate goals and interesting and relevant with regard to our emerging world community

2) any idea which may be usefully exchanged with others or concerning which information is required

The editing group will always be glad to meet any of the readers who happen to pass through Rome

Director Pietro Pace

Direction and editorial offices via Paisiello 6 00198 Rome Italy

Administration and distribution Edizioni Previsionali via Paisiello 4 00198 Rome Italy

Annual subscription \$ 2

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THE MARGA INSTITUTE (SRI LANKA CENTRE FOR DEVELOPMENT STUDIES)

has been founded to allow non political professionals concerned with development, to engage in studies and research on economic and social problems

founded in April 1972, in Colombo, Sri Lanka, non-profit organization Aims to meet the need for more extensive socio-economic research, to become a useful center for discussion, to publish studies, to analyze development problems in Sri Lanka and improve the knowledge and understanding of development issues among the public

Activities carried out study, research, information and documentation, training

Project undertaken by the Institute and completed in 1973

unified approach to development analysis and planning, a comparative study of agricultural and population changes, study of non formal education in Sri Lanka

Project in progress

job expectations of unemployed youth, with special reference to self-employment among rural youth, work motivation in the private and public sectors, a survey of youth organizations which organize youth for productive enterprise and other development activity, with special references to the co operative movements, transfer of technology in developing countries, study of the needs of children and adolescents in Sri Lanka

The Institute organizes seminars and conducts a series of evening groups in the selected fields which have priority for social and economic development of the country

Periodical publications Marga Journal

Directors G Funatilleke, G H Soysa

75 Ward Place, Colombo, 7, Sri Lanka (Ceylon)

ORGANIZATIONS

aims, intentions, activities of group

RANNSOKNASTOFNUN VITUNDARINNAR (*Institute for Consciousness Research*)

Reykjavik, Iceland, Laufasvegur 6

INDIVIDUALS 2

intentions change of address

ROBERT ALLEN

interested in social sciences problems in developing countries, and particularly in human ecology

Cooperates with The Ecologist, New Scientist, The London Times
Present professional activities British Department for the Environment (advisor), Council of Europe (advisor)

Author of The Ecological Death

Information from Il Tempo, November 5, 1974

ARTHUR HARKINS

Change of address

College of Education, University of Minnesota, 203B Burton Hall,
Minneapolis, Minnesota 55455, USA

It is the deepest regret that we inform our readers of the loss of Sig Pietro Ferraro on September 25th. An eminent lawyer, Sig Ferraro first introduced the "Futuribili" concept to Italy, and opened up a new cultural direction toward the science of the future. His worthy activities over the past decade are documented by the periodical Futuribili and by his personal achievements and innumerable initiatives in the sphere of futures studies. His personality and contributions to this discipline will be sorely missed in Italy, but his thought and spirit of endeavor will continue to inspire and spur us on.

Born in Venice, 1908, he was Director of Futuribili, President of the Istituto di Ricerche di Economia Applicata (IREA), and Vice-President of the Association Internationale Futuribles.

Between 1972 and 1974, he wrote

La costruzione del futuro come impegno morale, Rome, Armando, 1973, Arte e libert  di espressione, in Futuribili, 42-43, 1972, Verso la societ  del tempo libero, in Futuribili, 44, 1972, Politica demografica per un mondo libero, in Futuribili, 46, 1972, Comunit  e comunicazione, in Futuribili, 49-50, 1972, Potere eco-

nomico e istituzioni, in *Futuribili*, 51, 1972, Il valore del valore, in *Futuribili*, 54, 1973, L'uomo e gli uomini, in *Futuribili*, 55, 1973, La città degli uomini, in *Futuribili*, 56-57, 1973, La difficile via dello sviluppo mondiale, in *Futuribili*, 58-61, 1973, Aspetti di un programma mondiale di sviluppo la politica delle scorte, in *Futuribili*, 58-61, Tempo libero e tempo servile, in *Futuribili*, 62-65, 1973, Plustecnica e plusvalore, in *Futuribili*, 62-65, 1973, Materie prime e crisi energetica, in *Futuribili*, 62-65, 1973, La nostra ed altrui prospettiva, in *Futuribili*, 66, 1974, and other articles

EARTH METABOLIC DESIGN SUMMER WORKSHOP 1975

Place Philadelphia, Pa, USA

Date June 1975

Organizers Earth Metabolic Design

(Further information Medard Gabel, Earth Metabolic Design, Box 2016 Yale Station New Haven, Conn 06520, USA, tel 2037764921)

FUTURIZING EDUCATION

Place Bethesda, Maryland, USA

Date October 4-6, 1974

This conference included several workshops on such subjects as science-fiction and value change. Among the selected materials distributed to attendants are lesson plans and syllabi which teachers have successfully employed in teaching the future on the secondary level. A variety of exhibits and a continuous display of films were given during the conference.

(Further information Sally Woodhull Cornish, World Future Society, 4916 St Elmo Avenue, Washington D C 20014)

GROWTH, DEVELOPMENT, QUALITY OF LIFE – GLOBAL AND REGIONAL SOCIAL SOLUTIONS

Date October 1975

Place Prague, Czechoslovakia

Organizers' International Institute for Peace, Vienna, jointly with the Institute for International Relations, CSSR

(Further information International Institute for Peace, Mallwaldplatz 5, A-1040, Vienna, Austria, tel 656437)

meetings, courses, lectures, exhibitions, etc

INTERNATIONAL COOPERATION IN SOLVING GLOBAL PROBLEMS FOR SAFEGUARDING PEACE

Date 1976

Place Vienna or Novosibirsk

Organizers International Institute for Peace, Vienna, jointly with the Peace Science Society, USA and the Institute for World Economy and International Relations or the Central Economic-Mathematical Institute of the USSR Academy of Sciences

(Further information International Institute for Peace Mollwaldplatz 5 A 1040 Vienna, Austria, tel 656437)

METHODOLOGY OF THE PROGNOSTICS AND PROGRAMMING OF MODERN INTERNATIONAL RELATIONS

A symposium organized by the International Institute for Peace (Vienna) jointly with the Institute for Politics and Economic (Haus Rissen)

Place Hamburg, Germany

Date 5-7 December, 1974

(Further information International Institute for Peace Mollwaldplatz, 5, A 1040 Vienna Austria, tel 656437)

METHODS OF SOLVING INTERNATIONAL CONFLICTS AND CRISES

Date 1976

Place Frankfurt/Main or Vienna

Organizers International Institute for Peace, Vienna, jointly with the Hessen Foundation for Peace and Conflict Research

(Further information International Institute for Peace Mollwaldplatz 5 A 1040 Vienna tel 656437)

PLANNING FOR THE FOURTH QUARTER-CENTURY

A conference sponsored jointly by the International Affiliation of Planning Societies and the Planning Executive Institute

meetings, courses, lectures, exhibitions, etc

Place San Francisco, California, USA

Date May 21-24, 1975

The conference program will be divided into four "tracks", as follows
Track 1 corporate planning for resources and environment a) natural resources and agriculture, b) human resources, c) capital resources, inflation, d) the environment (1 social, 2 physical)

Track 2 planning systems and technology A Long-range strategic planning systems (1 economic, 2 industry, 3 corporate, 4 government), B short range planning systems (1 budgeting and controlling, 2 forecasting, 3 reporting, 4 organization, financial)

Track 3 planning effectiveness and appraisal techniques A Quantitative approach, B behavioral approach, C diagnosis of planning failures and successes, D integration of strategic and operational planning

Track 3 planning and governments A impact of the US Government on US corporation planning (1 regulatory impact, 2 economic impact, 3 participation by corporations in government programs such as health care, transportation, etc), B impact of world governments on multinational corporations (1 Third World development, 2 planning for international trade, 3 government business partnerships)

(Further information Dr S H Achtenhagen Conference Program General Chairman Stanford University, 720 South California Avenue, Palo Alto California 94306, USA, tel 415 497 2821)

POPOLAZIONE, AMBIENTE, RISORSE NELLA DINAMICA INTERNAZIONALE - 7° Convegno sui problemi internazionali (Population, Environment, Resources in the International Dynamics - 7th Meeting on International Problems)

A meeting organized by the Centro Studi "Nicolò Rezzara"

Place Recoaro Terme, Italy

Date 12-15 September 1974

The meeting reviewed the demographic explosion in terms of the earth's limited natural resources and proposed a cultural alternative, offering a different approach to the problem of population increase

EVENTS

meetings, courses, lectures, exhibitions, etc

Program

12 September Population, Environment and Resources Deep Causes of Tension Among People (L Gui)
 13 September Demographic Development and Social Questions (F Russo), Demographic Explosion Guidelines for an International Policy of Development (working group) 1) Demographic Increase, Food Situation and Earth Pollution (chairman, U Sorbi), 2) Demographic Increase and Suitable Development of Social Services (chairman G Giorgio), 3) Demographic Increase and Problems of Underdevelopment (chairman F Casafio), 4) Intervention of the States for a Demographic Policy (chairman G Visser), 5) Demographic Problems, Ethical Questions, Education Policy (chairman C Skalicky), 6) The Role of Information Through Mass Media in Demographic Policy (chairman G L Bernucci)
 14 September Use and Abuse of Resources, Common Patrimony of People and Generations (P Schmidt Muller), round table on Perspectives for an Alternative Development (chairman M Pedini), Contemporary Thought at a Cross-road (S Cotta), Population Dynamics and International Balance (P G Schulte), New Perspectives of World Economy (A Cecchella), For a Culture Fit to Planetary Man (G Guariglia)
 15 September Synthesis of the Working Groups (A Cecchella), Synthesis of the Emerging Trends of the Meeting (B Colombo)
 The conclusive lesson has been held on The Power of Man Over Nature from a Perspective of Social Justice (A Luciani)
 (Further information Centro studi "Rezzara", contra delle grazie 14, 36100 Vicenza)

SECOND IIASA SYMPOSIUM ON GLOBAL MODELLING, LATIN-AMERICAN WORLD MODEL (Fundacion Bariloche, Argentina)
 A symposium organized by the International Institute for Applied Systems Analysis
 Place Baden, Vienna (Austria)
 Date 7-10 October 1974

EVENTS

meeting, courses, lectures, exhibitions, etc

Program

7 October Introduction and the Basic Assumptions of the Model (Herrera), General Structure (Scolnik), The Functioning of the Model and the Demographic Model (Scolnik), Urbanization and Housing (Mossovich)
 8 October Non-Renewable Natural Resources and Pollution Model (Herrera), The Long-Term Evolution of the Prices of Energy (Suarez), Food Model (Gallopín), Economic Sector and the Global Theoretical Structuring of the Model (Chichilnisky),
 9 October Educational Model (Romero Brest), Discussion of Alternative Runs (Scolnik-Talavera), General Conclusion (Herrera), Reports on Other Modelling Efforts Science Policy Research Unit, University of Sussex (Curnow, Clark), The City University, Department of Systems Science, London (McPherson), Istituto Ricerche Applicate Documentazione e Studi (IRADES), Rome (Masini), Global Modelling in Relation to the Developing Countries (Iyengar), Non-Economic and Economic Factors in Societal Development the General Production Function (Millendorfer Gaspari)
 10 October Engineering Research Institute, Faculty of Engineering, University of Tokyo (Kaya), Southern Illinois University, School of Medicine (Jarret), Vrije University of Amsterdam, Economic and Social Institute (Linneman), Department of Natural Resources, "African Institute" Cairo University (Ghabbour)

(Further information IIASA, A-2361 Laxenburg, Austria, tel 02236/7485-88, Telex 079137)

SEMINARS OF THE FOURTH TERM OF THE CAF, CLUB D'AMIGOS DE LA FUTUROLOGIA

Seminar on Education in the XXI Century

October 21, 1974 Permanent Education and Informal Education (Amadeu Serch)

October 28, 1974 Politics of the Future (Rosa Menasanch)

November 4, 1974 Causes of the University's Troubles (Joseph Perena)

November 11, 1974 Conservation of Nature (Roser Nos)

November 18, 1974 Mental Development and Application of Forecast-

meetings, courses, lectures, exhibitions, etc

ing (Amadeu Serch)

November 25, 1974 Politics of the Future (Brainstorming)

December 2, 1974 Causes of the University's Troubles (Albert Oliva)

December 9, 1974 Nature Conservation (Dolors Marsans)

December 16, 1974 Reconstruction of Man (Amadeu Serch)

Seminar on How to live in Our Own Century

October 16, 1974 Transformation of Psychology in the Technological Era (Ramon Sarro)

October 23, 1974 Art in the Future (Carme Selves)

November 6, 1974 Transformation of Psychology in the Technological Era (Ramon Sarro)

November 13, 1974 New Technological Development (Juli Rafels)

November 20, 1974 Our Cosmic Environment in Relation to the Extra terrestrial (Lester)

December 4, 1974 Transformation of Psychology in the Technological Era (Ramon Sarro)

December 11, 1974 What is Jove Camara? (Ramirez i Balsell)

(Further information CAF, Gran Via 608, 8e D, Barcelona 7, Spain)

SESSION 162 – ENERGY POPULATION AND AFFLUENCE THE FUTURE OF THE EARTH'S RESOURCES

Place Schloss Leopoldskron, Salzburg, Austria

Date June 15-July 5, 1975

Organizers Salzburg Seminar in American Studies

Emphasis will be put on the search for solutions to problems facing all mankind in an age of predicted scarcity, with some nations affluent and some not

Among the subjects considered will be opportunities for resource development by international management, environmental protection and the settlement of transnational environmental disputes, and the imbalance between population growth and the world supply of food. The approaches to the subject will include scientific inquiry, economics and international

meetings, courses, lectures, exhibitions, etc

al arrangements

The Faculty Harrison S Brown, Richard N Gardner, Claus Groth, Wolf Hafele, Vincent E McKelvey, James W McKie, Laurence Moss, Dirk J van de Kaa

(Further information Salzburg Seminar in American Studies, Schloss Leopoldskron, Box 129, A-5010 Salzburg, Austria)

THE APPLICATIONS AND LIMITATIONS OF GENETIC ENGINEERING - THE ETHICAL IMPLICATIONS

A symposium organized by the Gottlieb Duttweiler Institute, Euschlikon-Zurich, and the Swiss Society for Cell and Molecular Biology

Place Davos, Switzerland

Date October 10-12, 1974

The experts speaking at the symposium showed the possible applications and limitations of genetic engineering, presenting today's knowledge and future forecasts as well as their social implications. The symposium was not only of interest to scientists and students working in the specific area of genetic engineering but also to decision-makers in politics, business and society in general, as well as the media in their function as representatives of a widening public.

(Further information Gottlieb Duttweiler Institute for Economic and Social Studies CH 8803 Ruschlikon-Zurich, Switzerland)

THE CLUB OF ROME ANNUAL MEETING - 1974 TOWARDS A MORE EQUITABLE DEVELOPMENT OF WORLD SOCIETY

A symposium organized by the Club of Rome attended by the CoR members, special guests and limited number of other personalities and scholars

Place West Berlin

Date 14-17 October 1974

First Session

Opening remarks A Peccei

Current Debate on World Problems, coordinated by V Urquidí
Development (Author J Tinbergen, presented by H Linnemann), Food
(Author L Brown, presented by M Guernier), Population (V Urquidí),
Human Settlements Habitat 2000 (Author B Ward presented by S
Nilsson), Oceans, (E Mann Borgese), Science and Technology (A Buzzati
Traverso), Energy and Climate (Wilson and King)

Second session

Mankind at a Turning Point, Presentation of the Project
Charting a Path for World Society (E Pestel), Strategy for Change (M
Mesarovic)

Third Session

Panel Discussion Reflection of Mankind's Future, coordinated by H Ja-
guaribi (Panel of Humanists, including H Jaguaribe, K Deutsch, G Picht,
D de Rougement, E Naraghi, M Strong, K Zerbo, H Djait, F Bastos
de Avila)

Fourth session

Features and Feasibility of an Equitable Society (report by Bariloche
Work Team, presentation by C Mallmann, A O Herrera), Problems of
Population Doubling The World Food Problem (report by Dutch Work
Team, presentation by H Linnemann), The Energy Food-Materials Com-
plex (report by Gabor Colombo-King Work Team, presentation by A
King), North-South Economic Relations and Industry Transfer (report by
Japan Work Team, presentation by Y Kaya), Strategies of Development
and Underemployment in West Africa (report by German Work Team
presentation by Gert von Kortzfleisch), closing remarks (A King)

THE EXPANDING FUTURE CFF--PRODUCED SMITHSONIAN SEMINAR

October 8, 15, 22, 29, November 5, 12, 19, 26, December 3, 10, 1974
Respective topics What Makes Futurists Tick?, The New Dimensions of
the Human Mind, Alternative Cultures, Future in Space, Large Scale So-
lution to the Environmental Problem, The Role of the Artist in Creating
New Images for the Future, Future Institutional Opportunities, Policy
Options for the US in an Expanding Future, Architecture 2000 and Be-

yond, The Futuristic Overview

Information from New World Newsletter, Phase II, vol II, 4, Sept 74
The Committee for the Future, 2325 Porter Street, NW Washington D
C 20008

(Further information Contact Carol Hecker Smithsonian Associates, tel (202)
381 65950

THE INTERACTIVE LIBRARY COMPUTERIZED PROCESSES IN LI- BRARY AND INFORMATION NETWORKS

A seminar sponsored by UNESCO, The Swedish Council for Scientific
Information and Documentation, The Swedish Agency for Administrative
Development, The Royal Academy of Sciences, Karolinska Institutet and
The Royal Institute of Technology

Place Stockholm, Sweden

Date November 25-28, 1974

The seminar will examine problems involved in developing library net-
works, and various Swedish experiments in this area will be illustrated
Each participant will be given an opportunity to see how the system
works in practice The seminar will also explore the various potential
benefits of the library network system to developing countries

WELTANSCHAUUNG UND FRIEDEN (*World Outlook and Peace*)

Date October 31 - November 5, 1974

Place Vienna, Austria

Organizers International Institut fur den Frieden, Vienna, and Institut
fur Friedensforschung and der Universitat Wien

The discussion will center on the concept of peace and social develop-
ment

(Further information International Institut fur den Frieden, Mollwaldplatz 5 A
1040 Vienna Austria, tel 656437)

EVENTS

meetings, courses, lectures, exhibitions, etc

WORLD FOOD CONFERENCE

Place Rome (Italy)

Date November 5-16, 1974

Organizers FAO

The conference, attended by 3000 participants from 140 nations, was opened by Giovanni Leone, President of the Italian Republic, UN Secretary General Kurt Waldheim and US Secretary of State Henry Kissinger

Information from Il Tempo, November 5, 1974

DATE	THEME	PLACE	ORGANIZERS
1974			
September			
9-14	<i>Urban Games and Informatics for Tomorrow's Towns</i>	Arc et-Senans (France)	Centre International du Futur
10-15	<i>Man in Transition</i>	Montrasio (Italy)	World Man Fund and Omni Mundi
12-15	<i>Popolazione, ambiente, risorse nella dinamica internazionale 7° Convegno sui problemi internazionali</i>	Recoaro Terme (Italy)	Centro Studi "Nicolo Rezzara"
13-15	<i>The Changing Role of Women in Society 1974 Annual Conference</i>	Oxford (UK)	Rationalist Press Association
October			
1-4	<i>Il Colloque International sur l'exploitation des oceans</i>	Bordeaux (France)	
7-10	<i>IIASA Symposium on Global Modelling</i>	Vienna (Austria)	IIASA
19	<i>Educator's Conference</i>	Washington, D.C. (USA)	The World Future Society

DATE	THEME	PLACE	ORGANIZERS
10 12	<i>The Applications and Limitations of Genetic Engineering- The Ethical Implications</i>	Davos (Switzerland)	Gottlieb Duttweiler Institute
14 17	<i>The Club of Rome Annual Meeting - 1974</i>	West Berlin (West Germany)	The Club of Rome
27 - Nov 3	<i>Alternatives for Washington</i>	Spokane, Washington (USA)	Environmental Symposium Series and Washington State Office of Program Planning and Fiscal Management
31 - Nov 5	<i>Weltanschauung und Frieden</i>	Rome (Italy)	Internationale Institute fur den Frieden, Vienna and Institut fur Friedensforschung an der Universität Wien
November			
5-16	<i>World Food Conference</i>	Rome (Italy)	FAO
20 24	<i>Symposium on Cultural Patterns of Extraterrestrial Communities</i>	Mexico City (Mexico)	American Anthropological Association
December			
12 14	<i>Methodology of the Prognostics and Programming of Modern International Relations</i>	Hamburg (West Germany)	International Institute for Peace and the Institute for Politics and Economics
1975			
May			
21 24	<i>Planning for the Fourth Quarter Century</i>	San Francisco, California (USA)	International Affiliation of Planning Society and the Planning Executive Institute
June			
	<i>The Second General Assembly of the World Future Society</i>	Washington, D C (USA)	The World Future Society
October			
	<i>Growth, Development, Quality of Life - Global and Regional Social Solutions</i>	Prague (Czechoslovakia)	International Institut fur den Frieden, and Institute for International Relations, CSSR
1976			
	<i>Methods of Solving International Conflicts and Crises</i>	Frankfurt/Main or Vienna	Internationale Institut fur den Frieden, and Hessen Foundation for Peace and Conflict Research

DATE	THEME	PLACE	ORGANIZERS
1976	<i>International Cooperation in Solving Global Problems for Safeguarding Peace</i>	Vienna or Novosibirsk	Internationale Institut fur den Frieden, and the Peace Science Society, USA, the Institute for World Economy and International Relations, or the Central Economic-Mathematical Institute to the USSR Academy of Sciences

EARTH METABOLIC DESIGN

was established to take the initiative in developing the Design Science Information System and other projects founded in 1970 at a World Game workshop jointly sponsored by the Design Department of the University of Southern Illinois and R Buckminster Fuller's World Resources Inventory, a non-profit corporation

Organizers Earth Metabolic Design

Aims "All the activities of Earth Metabolic Design are concerned with recognizing our problems, determining what needs to be done, and acting to meet the needs of 100 per cent of humanity"

E M D seeks new global decision-making tools through the development of a globally referenced systems for collecting, organizing and retrieving information The Design Science Information System (DESI) is intended as a practical alternative to present decision-making methods

Furthermore "E M D distributes specific information about the environment, human needs and resources which can be used for the benefit of humanity Some of the programs, both planned and under way, for utilizing media in the distribution of information are

- publication of work books and papers which can aid in recognizing, defining and solving global problems,
- publication of a newsletter, Earth Metabolic Design, which includes articles and information about design science activities,
- production and distribution of audiovisual materials,
- development of computerized data storage and retrieval systems

In addition, E M D sponsors ongoing programs for direct education and training in the design sciences

- workshops and seminars
- the Design Science Fellowship Program (3 to 12 months in residence work sessions at Earth M D),
- Curriculum Development and Educational Aids, designed for all levels of educational institutions interested in incorporating a design science approach to their curriculum

Director Medard Gabel, Howard Brown

President Gail Ziegelmeier
Research associate Jerry Sturmer

(Further information Medard Gabel, Earth Metabolic Design, Box 2016 Yale Station, New Haven, Connecticut 06520, USA, tel 203 776 4921)

IRADES

Having opened on 28 October last, the IRADES School for Futures Studies has now completed the third of the five weeks scheduled for the preliminary course. Designed to give the participants a general introductory to futures studies, this course will be followed by a second course, during which they will explore particular themes and methods used in futures studies. The ensuing third course will be dedicated to exercises in simulation.

Some 22 graduates and graduating students of various disciplines are enrolled in the first course. Most of them are recent graduates or graduating students, mainly in the social sciences, the others in contemporary literature, mathematics, physics and architecture.

Classes held three times a week for two-and-a-half hours each session, follow approximately this program:

- a short introduction to the theme of the lesson (first steps to futures studies, utopia, etc.),

- a synthesis of the exercises, presented by the animators, to explain each participant's viewpoint to the entire class,

- group exercises, generally three groups are formed to develop three alternatives to the theme under discussion,

- a discussion of the alternatives.

The purpose of the instruction — to cultivate in each student a futures-oriented mentality in terms of alternatives — has apparently appealed to the participants and succeeded in involving them actively in the proceedings. This approach sets the standard also for the rest of the course and the two courses to come, thus enabling the members of the group to confront the future in terms of their various disciplines. Briefly put, the themes treated in the introductory course are:

- 1) the history of futures studies (first steps, utopia, the results achieved over

over the past 20 years in America, Europe and the socialist countries), the terminology used in the different countries,

- 2) methods followed (general presentation, System dynamics probability calculations, the Delphi method, extrapolation, scenarios),

- 3) particular problems, to which the participants try to apply the ideas of the first and second communication, information, population, food supplies, natural resources, gaps between developed and developing countries, advanced and intermediate technologies,

- 4) a review of what has been achieved and not achieved during the course.

This course of instruction aims to provide each participant with a broad solid platform on which to base his own efforts in exploring the future.

(Further information IRADES, via Paisiello 6 00198 Rome, Italy tel 866 346 7)

THE COMMITTEE FOR THE FUTURE

has been invited by NASA to present a long range space goal to its newly-formed Study Group on "Outlook for Space". The Committee will outline a comprehensive set of policy directions, to include a dynamic space goal for the years 1980-2000.

Sponsored by the Committee, a "Choiceful Future Syncon" will be held in Washington November 22-24, 1974, to examine the impact and timing of a "choiceful future goal" on various social aspects — the economy, social welfare, international cooperation, security, environment, energy and the food crises, etc., and the purpose, motivation and spiritual breakthrough such an evolving goal suggests.

Serving to develop the proposal for NASA, the work will be released to the general public as a "platform for the future".

(Further information from Barbara Marx Hubbard The Committee for the Future, Inc 2325 Porter St, NW Washington, DC 20008, USA)

THE ECOLOGICAL STUDY OF HUMAN SETTLEMENTS IN THE HOT ARID ZONE

A project headed by Dr Samir Ghabbour, of the Department of Natural Resources, Institute of African Studies at Cairo University

With preparatory work already advanced on several levels, the research will include a detailed study of Cairo's ecology

It will also relate to the study area on large metropolitan systems A committee of Egyptian scientists, engineers and planners has been assembled to formulate and conduct this phase of the project

Information from Intecol Newslete

TREND ANALYSIS PROGRAM

About 125 members of the New York Institute of Life Insurance are given a specific publication to monitor on one of the following subject areas science and technology, social sciences, business and economics, politics and government

They abstract any article which indicates a trend in the social, political or economic spheres

Every month, Institute staff members meet to discuss the abstracts and decide the contents of the Trend Analysis Reports Consultant to the Trend Analysis Program is Ted Gordon, President of the Futures Group The Trend Reports, issued three times a year, are presented in thesis, scenario and statistical forms Some of the topics which have appeared to date are

corporate responsibility, post-industrial society, attitudes toward political institutions, changes in family structure, privacy, national planning, the ecological crisis, technology assessment, education and the corporation, communications, aging and the aged, the employee, the life cycle

(Further information The Institute of Life Insurance, 277 Park Avenue New York 10017, USA)

UNIVERSITY EDUCATION IN FUTURE STUDIES A MARK III CRITIQUE

by H Wetworth Eldredge

After the Mark I Report (presented at the Second World Future Research Conference, Kyoto, 1970) and the Mark II Report (presented at the Third World Future Research Conference, Bucharest, 1972), the Mark III Report will be published in Fields within Fields, in Bovm 1974, and in Futures, February 1975 The three reports have been funded by the World Institute Council, Inc, while Dartmouth College supported the endeavor

(Further information H Wentworth Eldredge, Dartmouth College, Hanover, New Hampshire, USA)

'76 WEEK

A program developed to finalize the EXPO '74 (U S bicentennial celebration) and which is making use of the context provided by the EXPO to involve a substantial number of citizens in thinking about their future It is organized by R Theobald, N Bell Coe and others

Place Spokane, Washington, USA

Date October 28 November 3, 1974

There have been a series of meetings on changes in thinking which are evolving at the present time changes in basic patterns of understanding in such areas as communications, science, etc, changes in our understanding of the frontier questions in such areas as the seas, population, food, etc, changes in patterns of education, communities of '76, ways in which communities have been able to help their people understand the new world in which they are living

Information from Futures Conditional

(Further information The Registrar, EXPO '74 Symposium Series, P O Box 1974, Spokane, Washington 99210, tel (509) 456-7351)

DIE QUALITAT DES LEBENS

by Helmut Swoboda

Frankfurt, Suhrkamp, 1974

Pocket-book edition of the book, previously published in Stuttgart in 1973

CITIZENS IN CONFLICT – THE SOCIOLOGY OF TOWN PLANNING

by J M Simmie

Published by Hutchinson Educational Ltd, London, 1974

Society wages a continuous battle to acquire scarce resources and power. This creates ideological disputes between groups and social classes with opposing interests. Town planners cannot serve the public interest because in conditions of social conflict, no such single interest exists. The planning of significant social change requires alterations in the distribution of resources and power and in ideology. A radically different system of planning is required.

FUTURE STUDIES IN SWEDEN A REVIEW OF RECENT PLANS AND EXPERIENCES

Stockholm Swedish Cabinet Office, Secretariat for Future Studies, 1974

This booklet reviews recent Swedish experiments in futures studies, and considers the need for such studies in an international perspective. The conclusion in depicting world futures through its futures studies, each country should give its own views on national and international responsibilities and obligations.

FUTURICS

A new quarterly journal, published jointly by the Minnesota Futurists, a chapter of the World Future Society, and the Science Museum of Minnesota. The first issue is planned for late spring of 1975.

Futurics will be a medium for facilitating communications among organizations and individuals interested in alternative futures. The articles will be

PUBLICATIONS

recent or in press

written by regional, national and international authors. The contents will include original essays, research summaries, reports, letters, reviews and the like on subjects of alternative futures.

Some typical subjects to be covered

- futurics, the group of sciences (including forecasting, planning, assessment, etc.) studying alternative futures
- humanistic futures
- preferable futures
- explorative and normative futures
- synthesized futures
- symbiotic and synergistic futures

During its first years, Futurics will devote a significant number of articles to future-focused treatments of important themes relating to the 1976 American Bicentennial.

The Directors of the Minnesota Futurists will serve on the editorial board.

(Further information: Arthur Harkins, College of Education, University of Minnesota, 203B Burton Hall, Minneapolis, Minnesota 44455, USA)

LISTA DE PUBLICACIONES FUNDACION BARILOCHE

Fundacion Bariloche, 1974

A list of publications, records, films and videotapes issued thus far by the Bariloche Foundation.

This Bibliography encompasses selected subjects such as energy, hydrology, geology, soils, ecology, sociology and technology and science transfer.

(Further information: Secretaria de Publicaciones Fundacion Bariloche, Casilla de Correo 138, San Carlos de Bariloche, Rio Negro, Argentina)

MANUALE PER UNA IMPROBABILE SALVEZZA

by Roberto Vacca

Milan, Mondadori, 1974, p. 287

We are approaching a serious economic, political and organizational crisis throughout the world.

PUBLICATIONS

recent or in press

The only way to save ourselves is to begin at once improving ourselves and our actions.

But individual efforts are not adequate. To achieve positive results, the behavior and actions of the great masses must improve.

Toward this end, we must explore in depth men's opinions, character, decisions, knowledge and communications.

NON-FORMAL EDUCATION IN SRI LANKA

Marga Research Studies 1, p. 250

Describing and analysing the needs of adolescents and youth in relation to non-formal education, this study focuses on the current pre-vocational curricular reform as an example of the reorientation to the formal education system. It also describes and analyses the work of selected voluntary organizations engaged in community education.

(Further information: Marga Institute (Publications Unit), P.O. Box 61, Issipathana Mawatha, Colombo 5, Sri Lanka)

ON LEARNING TO PLAN — AND PLANNING TO LEARN

by Donald N. Michael

Published by Jossey-Bass, Inc., London, San Francisco, 1973

This is a systematic analysis of the behavioural and structural necessities of long-range social planning. It examines the likely responses and resistances of people and organizations to vital change and suggests an alternative to technocratic planning and social engineering: long-range social planning based on humane values and conceived as a social learning process.

PER UNA SCIENZA DELLA SCELTA POLITICA

by Yehezkiel Dror

Rome, Edizioni Previsionali, 1974, p. 240, L. 5.000

This is the Italian issue of Yehezkiel Dror's "Design for Policy Sciences".

published by IRADES

(further information IRADES via Paisiello 6, 00198 Rome, Italy)

PROSPETTIVE INTERNAZIONALI PER LA SCUOLA DI DOMANI

Published by OTV Stocchiero, Vicenza, 1974

Proceedings of the 6th meeting of international problems, organized by the Centro studi "N. Rezzara" in September 1973,

A renewed school is proposed, better suited to man and more in harmony with life, according to the indications of the Faure Report Learning to Be, the school must be able to interpret social reality and answer man's natural need to know

If we want to realize this trend in education development, the whole community must be totally engaged in learning and teaching

RELIGION AND DEVELOPMENT IN ASIAN SOCIETIES

published by The Marga Institute, Colombo, Sri Lanka, p. 291

This book contains a series of papers presented at a seminar discussing the search for a strategy of effective social action for development, based on truth and love. The discussion also reflects the significant change that has recently taken place in the religious response to social environment

(order from Marga Institute, Publications Unit, P.O. Box 601, 61 Issipathana Mawatha, Colombo 5, Sri Lanka)

THE LIFE CYCLE

TREND REPORT 8-TREND ANALYSIS PROGRAM

published by the Institute of Life Insurance, New York, February 1974

This report follows trends in life stages and living patterns

It isolates one aspect of the human condition, the life cycle, and examines transitional changes involving the primary unit of the social structure: the individual

The familiar model of the life cycle is reexamined

(Further information Institute of Life Insurance 277, Park Avenue, New York, N.Y. 10017, USA)

MYTH GAME

The Myth Game was designed by Ken Davis to illustrate how certain elements and patterns recur in myth, literature, society and dreams. It can be played by two to six players, or by teams of players. Different story topics are suggested to use in the game. Among them are a current news event: the greening of America, I Ching, all in the family, A futurist book, the zodiac, 2001, a space odyssey, a science fiction story, Jesus, Buddha, John Kennedy, etc. The story elements are discussed and the discussion then moves to the larger patterns formed by the individual elements. For further discussion one can refer to such works as

Alan Watts, *Myth and Ritual in Christianity*

Joseph Campbell, *The Hero with a Thousand Faces*

Lord Raglan, *The Hero*

Northrop Frye, *Anatomy of Criticism*

Carl Jung, *Man and His Symbols*

Harcourt, Brace, Jovanovich's series, *Literature Uses of the Imagination*

Information from *Earthrise Newsletter* 11 vol. 2, July/Aug. 1974

(Further information Earthrise P.O. Box 120 Annex Station Providence R.I. 02901 USA)

The 14th world conference of the Society for International Development was held in the second week of August in the Ivory Coast, and was attended by over 700 development experts from 70 countries

Perhaps inspired by the ecological, monetary, energetic, demographic and food crisis which all combine to put the entire subject matter of development in a new perspective, the futurity of the development process was put in the limelight

The meeting combined intellectual dialogue with field-trips, and provided an exceptional opportunity for interdisciplinary work sessions which alerted many participants to the need for fresh insights

In other words, I came away from Abidjan under the impression that each year the breaking away from the past is greater, and that a more intense search is on for a 'sui generis' development model for the various countries. The Chinese, Tanzanian, Brazilian, Yugoslav, Peruvian and South Korean models are some of the most discussed — not because they are copied or exportable, but precisely because they are "sui generis" — something new and different

It is noteworthy that, judging from the literature, more development experts are interested in futurology, than futurists in development. This is perhaps so because the entire field of "prospective" has been dominated by the industrial countries on the one hand, and by the technical specialists on the other hand

The Abidjan meeting brought out very clearly the message that a most fertile field of interdisciplinary research awaits those institutions and researchers who wish to mix future-oriented research with development studies, ideally on-the-spot, that is, within the Third World and with the dedicated and valuable cooperation of experts raised in the developing countries

The Abidjan meeting, with its heavy African imprint, demonstrated the great insights of African leaders in all fields to search for a different future, and not to lean more on the old European models than is necessary for a start. The Abidjan meeting also demonstrated how little Africa, Latin America and Asia know about each other, how few contacts there are on a personal base between these continents, and how much

they have in common despite language and other barriers
If anyone joins the writer in professing keen interest in interdisciplinary research in the future of the development process, I take the liberty to suggest that you write to Monsieru Hugues de Jouvenel, Maison des Sciences de l'Homme, 54 Boulevard Raspail, 75270 Paris, Cedex 06, France, with a copy to Monsieur Paul Marc-Henry, President, Society for International Development, 94 rue Chardon Lagache, 75 Paris 16e, France, or write to M Henry copy to M de Jouvenel, depending whether you are primarily a futurist or a development expert It will be greatly appreciated if you would also copy the undersigned

(Further information Andre van Dam, Cerrito 866, Buenos Aires)

To

IRADES

Institute for futures research and education

6, via Paisiello, 00198 Rome, Italy

From

NAME

SURNAME

ADDRESS