



SOCIAL AND HUMAN FORECASTING
NEWSLETTER

by irades, institute of research and education in future studies Rome, Italy

WINTER 1974

Thanks to the collaboration of our readers this issue of the Newsletter, the first for 1974, brings you the most recent information on a wide range of activities in the sphere of futures studies. We deeply appreciate the cooperation of those who have contributed news concerning themselves and their organizations, thus giving us valuable aid in our efforts to disseminate as much information as possible on the progress being made in futures studies.

During 1974, we hope to expand our Future Forum section to allow a greater exchange of ideas. We also welcome requests for information from our readers.

Most interesting were the contributions made by the participants in the Rome Conference '73 and the ideas they proposed, some in reply to the post-Conference Memorandum 8, others submitted at random by various persons.

We are pleased to announce publication of the papers written for the Conference. Some of them will be

SCHEME

- 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 Future Forum**

issued by Futures, IPC Science and Technology Press Ltd in co operation with Irades in book form the remainder in more informal guise by Irades, Likewise in preparation is a collective document on the work of the groups, including the reports drawn up by the group secretaries

Readers should apply directly to Futures if they wish to order the book, and to Irades for the other two publications

Irades has begun the work of compiling its informational list of persons and organizations engaged in futures studies for the updated issue of our 1974 75 Social Forecasting directory We urge you to fill out the questionnaire we have sent you and return it as soon as possible to facilitate our work

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

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Administration and distribution Edizioni Previsionali via Paisiello 4 00198 Rome Italy

Annual subscription S 2

Information in this issue may be reproduced elsewhere provide the source is named and the editors are notified

CENTER FOR INSTRUCTIONAL RESEARCH AND CURRICULUM EVALUATION (CIRCE)

Operates within the University of Illinois at Urbana Champaign, College of Education

Aims to plan and carry out operations as total educational endeavors for residents, to illustrate that people can respond to complex difficulties, to try to avoid traps of elitist behavior

For the activities of the center, please see page 35

Address 270 Education Building, Urbana, Illinois 61801, Area Code 217-333-3771

(Further information Gordon Hoge, CIRCE, College of Education, University of Illinois, Urbana, Illinois, USA)

CENTER FOR PEACEFUL CHANGE

The Center will deal with peaceful change at all levels of complexity, ranging from the individual to societies and the international systems A Bachelor of Arts, with a major in peaceful change can be earned Information from Futures Conditional, June 1973, p 14

(Further information Center for Peaceful Change, 5 North Hall, Kent State University, Kent, Ohio 44242)

CENTER FOR THE STUDY OF THE FUTURE

Founded in 1973 in Portland, Oregon, USA

Aims to be a resource and educational center for Christians interested in studying the future and the relation of the Body of Christ to it

Director Carl Townsend

Information from World Futures Society Bulletin, Vol VII, 4, April 1973, p 2

(Further information Carl Townsend, Executive Director, Center for the Study of the Future, 4110 NE Alameda Portland, Oregon 97212)

EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

Aims a nationwide US information system designed to serve the educational community. It gives easy access to resources that help educators keep abreast of new developments in their fields and to develop more effective educational programs.

ERIC collects abstracts and indexes current educational documents.

A brief "Futures Bibliography" can be obtained.

Information from World Futures Society Bulletin, Vol VII, 4, April 1973, p 2

(Further information ERIC Clearinghouse for Social Studies/Social Science Education, 855 Broadway, Boulder, Colorado 80302)

FUTURES LAB

Coordinated by Earthrise Inc, the Futures Lab is a "Field Study Center" of the University Without Walls program at Roger Williams College Rhode Island.

Aims a comprehensive undergraduate program in futures studies, offering a multi-disciplinary, learner-centered alternative to traditional education. It is a "process curriculum" in which you learn how, rather than what, to think.

The curriculum, called "Designing Alternative Futures", consists of training seminars, group projects and individual study.

The University Without Walls stresses lifelong learning.

The process curriculum consists of problem seeking, problem stating, problem solving.

(Further information Thomas Carleton, Director Futures Lab, P O Box 120, Annex Station, Providence, Rhode Island 02901, or Robert Leaver, Director University Without Walls, Roger Williams College, 266 Pine Street, Providence, Rhode Island 02903 Tel University Without Walls (410) 274-2200)

FUTURES STUDIES DEPARTMENT

Established within the Science Museum of Minnesota.

Aims to explore the resources of the State, governmental, industrial and natural, for a new program on the future. It is an expansion of the program aiming to establish a new kind of forum on the subject "Where is Man Going?"

The Museum plans to organize exhibits, seminar and workshop programs on the future, providing a forum for exchange between the public and those agencies responsible for planning.

The program will present dioramas of life styles, models of biological life, portrayals through drama, etc.

The first exhibit is devoted to Alternative Communication Systems.

Later exhibits show transportation, energy resources and conversion, health care services and devices, family life styles, and new communities.

Information from World Future Society Bulletin, Vol VII, 5, May 1971, p 1-2

(Further information T Lance Holthusen, Futures Studies Coordinator, The Science Museum of Minnesota, 30 East 10th Street, St Paul, Minnesota 55101)

FUTURIST TEACHING WORKSHOP (C Lit 599)

Founded in 1972, non profit and public, FTW operates within the Department of Comparative Literature, University of Alberta.

Aims to investigate ways of applying general futurology to the study and teaching of literature.

Interested in forecasting cultural climates, governmental contribution to and controls over culture, futurizing the humanities, etc, in the short, medium and long range.

The workshop follows study, research, and training activities.

Full-time contributor Stephen Arnold

(Further information Futurist Teaching Workshop, Edmonton, Alberta, Canada 403-432-4926)

ORGANIZATIONS

aims, intentions, activities of groups

INSTITUTE FOR RESEARCH INTO PUBLIC POLICY CANADA

Aims to look ahead to the problems that could be facing society 15 years hence, and launch research projects that would help prepare legislation which might solve these problems

Information from *New Scientist*, Vol 60, 871, 8 November 1973, p 417-419

MEXICAN ASSOCIATION FOR STUDIES OF THE FUTURE

Information from *An 2000 Informations MM*, II, September, 1973, p 8

(Further information Gonzalo R Granados Limon, Avenida Salvatierra 61, Mexico 20 DF, tel 1548-79-29)

NETHERS COMMUNITY SCHOOL AND FUTURE VILLAGE

A functioning community working toward new ways of education and living

Aims to develop an ecological and aesthetic community which will break the link between work and income, and free people to pursue their own interests

Information from *Futures Conditional*, June 1973, p 14

(Further information Peter Finkle, Nethers Community School, Box 141, Woodville, Va 22749)

NORDENFJORD WORLD UNIVERSITY

Several small schools and learning settlements combined to form a world university in the spring of 1969

World education is a pursuit of knowledge which recognizes the personal dimensions of each individual's experience and those common denominators of human experience which transcend national, cultural and personal boundaries,

One of the main educational forms is the Ting (forum of equals, through

ORGANIZATIONS

aims, intentions, activities of groups

which differences and disputes can be solved and cooperation for common goals achieved) Other forms are the Sabbath Meeting, the Examination Celebration, the Celebration Meal, and the Week in Review The Nordenfjord World University is divided into New Experimental College, Praestegaard, Asgard, Højskolen (People's College), The Little School house, and Bhedanta

Learning settlements Forsamlingshuset, Møllegaarden, Hinding Das and Bulbjerg Hus, Aktivt Refugium, Vesterkaer

Nordenfjord is a charter member of the Association of World Colleges and Universities It is a union of over 40 institutions working toward a global view in education to develop creative and harmonious relationships NWU was host to the first annual conference of the Association in 1972 and continues to hold a yearly conference on themes related to world education

The schools and learning settlements, economically independent of one another, are financed primarily by participant fees

NWU publishes a tri annual journal called Physiognomy, which gives information on current modes of thought and expression in the Nordenfjord community (\$ 5 for yearly subscriptions to Physiognomy, Fosdalsgaard 9640 Brovst, Denmark)

(Further information to be asked of the specific center of interest Nordenfjord Forsamlingshuset Karen and Folke Trier Hansen, Hundborg, 7700 Thisted, Thy, Denmark tel (07)937101 Møllegaarden Skyum, 7752 Snedsted, Thy, Denmark, tel (07)936263, Hinding Das and Bulbjerg Hus Birte and Per Skanderby, 7700 Thisted, Thy, Denmark tel (07)922764 Aktivt Refugium Ida Eriksen, Skyum 7752 Snedsted, Thy, Denmark, tel (07)936272, Vesterkaer Nick Hermann Hundborg, 7700 Thisted Thy Denmark, tel (07)937106)

PACIFIC HOUSE ASSOCIATES

Founded in 1970 by Peter Shoup and David Miller in Palo Alto California, USA, this is a private center for futures studies and research Pacific House has formed a new company, Context Corporation, to market a multi-client, long-range planning system which Pacific House

ORGANIZATIONS

aims, intentions, activities of groups

has developed over a two-year period

The Context System is a powerful, individualized planning approach, providing each client corporation with a means for probing the future in an organized, practical way

The Context System is now concerned with five basic trend components: social change, technology, economics, politics, and values

The program is aided by a data system

Information from World Future Society Bulletin, Vol VII, 2, February 1973

(Further information Barry Whitaker, Context Corporation, 360 Bryant Street, Palo Alto, California 94301, tel (415)328-8064)

SMITHSONIAN SCIENCE INFORMATION EXCHANGE (SSIE)

is a non-profit organization

Aims to serve the research community as a major source of information on research in progress. It provides information useful in technological forecasting and technology assessment. It avoids duplication in the planning of new research programs. It stimulates new ideas in research to identify trends. It maintains and updates a data base of over 100 000 current research projects.

The collection covers basic and applied research in life, physical, social, behavioral and engineering sciences.

The service is meant for program administrators, research managers, professional societies, individual researchers, public officials, scientific newsletters, information centers, etc.

President David F Hersey

Vice President (Professional Services) Willis R Foster

Vice President (Data Processing Services) Martin Snyderman

Publications SSIE Science Newsletter

(Further information SSIE, 1730 M Street, NW Washington D C 20036, tel (202)381 5511)

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THE SCHOOL OF THE MAN-MADE FUTURE

Edinburgh University

Robert Underwood "The change following the recognition of the need for generalist/strategist training is likely to bring about changes within junior and secondary education. At more advanced levels, " our job is not just to teach and research but help with fostering a more holistic attitude towards the management of human affairs wherever and whenever it is possible, also to stimulate thoughts and ideas for the future wherever and however possible"

HAROLD S BECKER

Please add to page 378 of Social Forecasting 1972

Mr Becker has been named Vice President of the Futures Group in Glastonbury, Connecticut, by President Theodore J Gordon, He was previously Treasurer and Director of Programs he will continue to serve as Treasurer

ELISABETH MANN BORGESE

Senior Fellow at the Center for the Study of Democratic Institutions
Author of The Drama of the Oceans, 1974, A Model Ocean Regime, published as a Center Occasional paper, 1968, editor of Pacem in Maribus (Dodd, Mead, 1973), director of research into the impact of energy policies on the international system

Information from' Center Report, October 1973, Center Magazine, September/October 1973

(Further information Center for the Study of Democratic Institutions, Box 4068, Santa Barbara, California 93103)

JERRY GLENN

Free-lance educational consultant

Director of Consortium for Futures in Education

Instructor of Futuristic Development, Antioch Graduate School of Education Special Consultant and Instructor of Futuristic Teaching Methods for the Program for the Study of the Future in Education, School of Education, University of Massachusetts, where he is a doctoral candidate

Address 8626 Flower Avenue, Takoma Park, Md 20012

Information from Technological Forecasting and Social Change, Vol 5, 1, 1973, p 95

THOMAS R IDE

Educator

Main activity supervision of educational broadcasting in Ontario, Canada
Permanent staff member of The Ontario Educational Communications Authority

Recent published works The CTS Project and Some Educational Implications, in *Caret, Lakehead University Science Review*, January 1973, Educational Communications and the Federal Presence, in *Educational Canada*, March, 1972, Educational Television Problems, Resources and Utilization, in *The Canadian Medical Association Journal*, June 1968, A Professional Library, in *The Bulletin*, January 1959, March 1960, Is Teaching a Profession? in *The Bulletin*, March 1958, Another Approach to Individual Differences, in *The Bulletin*, September 1956, reprinted in *The Canadian Guidance Journal*

Address The Ontario Educational Communications Authorities, 2180 Yonge Street, Toronto, Ontario M4S 2C1 (Canada), tel 487-1371

RANJIT KUMAR

Director of the Centre for International Programs, Seneca College of Applied Arts and Technology

Address Centre for International Programs, Seneca College of Applied Arts and Technology, 1750 Finch Avenue East, Willowdale 418, Ontario, Canada

HORTS SCHMELZER

Social scientist

Main activity Director of WEMA-Institut KG, special activities in policy sciences, management sciences, systems analysis

Permanent staff member of The International Institute of Management Sciences TIMS, Tel Aviv, Social Indicators

Recent published works Integrierte Planungs – Entscheidungen – und Kon-

troll-systeme in Regierungs – und Verwaltungsorganisationen, Cologne, 1972, Systemtechnik und Politische Entscheidungsplanung, Cologne, 1971, Strukturelle Aspekte Politischer Entscheidungsplanung, Cologne, 1971, Kommunale Machtstruktur und Kommunalpolitische Planung, Cologne, 1971, Wirtschafts – und Sozialpolitisches Bewusstsein in NRW, Cologne, 1970, Politische Bildung und Politisches Verhalten in Verschiedenen Sozialen Schichten, Cologne, 1970, Die Rolle des Parlaments in Bewusstsein der Öffentlichkeit, Cologne/Bonn, 1970, Politische Bildung und Politisches Verhalten von Ingenieurstudenten in der Bundesrepublik, Cologne, 1969, Demokratie-Streitbare Jugend, Cologne, 1969, Politisches Bewusstsein und Politisches Verhalten in der Bundesrepublik Deutschland, Cologne, 1969

Address WEMA – Institut Für Empirische Sozialforschung, Informatik und Angewandte Kybernetik, Von Groote Str 34 (Deutsches Bundes Republik) 5000 Köln 51, tel Köln 381051

MURRAY TUROFF

Currently with the Systems Evaluation Division in the US Office of Emergency Preparedness of the Executive Offices of the President He has been associated with the Institute for Defense Analyses and IBM His principal areas of professional interests are Delphi design, information systems, modeling, simulation, gaming, and technological forecasting Dr Turoff currently teaches a course in technological forecasting at the American University He has been working primarily in operations research and computer applications since 1964, and has written a number of papers (The Whys Behind the Hows, with Ian I Mitroff in *Spectrum*, Vol 10, 3, March 1973, p 62-71)

Information from *Spectrum*, Vol 10, 3, March 1973, p 71

PHIL WERDELL

has held many courses on alternative life styles and creating relevant

intention, change of address

work

He has been Director of Programming for the US National Student Association, editor of Moderator Magazine, a Swight Hall Fellow at Yale University, founder of a local Vocations for Social Change Program, and associate coordinator of the Master Plan for City University of New York. Now conducting a course on "Personal Futures" from January 4 to 28, 1974.

Address 10 Prospect Place, Brooklyn, New York 11217, tel 212-636-9433 or 212-638-6250

meetings, courses, lectures, exhibitions etc

BUILDING THE FUTURE, DEVELOPING HUMAN RESOURCES WITHIN COMMUNITIES

A workshop organized by Terran Project

Place Arizona, USA

Date January 25 1974

Topics redefining "wealth", identifying, relating and coordinating social/environmental resources, working together to combine "human wealth" dialogue, generating constructive energies toward the future, researching and using the tools of the "Communications Era", to identify individual motivations, goals and needs, to define human beings as seekers of meaning, and introduce "AUDA" (Awareness, Understanding, Decision-making and Action), toward using the future as a resource; creating images and scenarios of preferred futures, defining a sense of community by discovering goals from the entire community, finding processes to bring out mutual goals which evolve according to human needs, and developing community pictures of the future (scenarios), i.e. the Year 2000 programs, developing community processes by using "AUDA" on a community level, designing a model of the future and developing the supporting parts in the model, implementing it by using the principles of implementation to develop strategies, take action, and develop an awareness of consequences.

(Further information Bruø Baumbrucker, 39 South Center St Mesa, Arizona 85202, tel 602-833-3946)

COURSES

Bertrand de Jouvenel will accept 20 students for studies in futuristics at the Societe d'Etudes et de Documentation Economique, Industrielles et Sociales in Paris.

Students will work for one or two years with de Jouvenel in a form of education which offers personal instruction outside the confines of traditional colleges and universities. Bachelor's degree or Master's degrees will be conferred by the International Community College.

meetings, courses lectures, exhibitions, etc

Information from World Future Society Bulletin, Vol VII, 5, May 1973
p 1

(Further information International Community College, 1009 Gayley Avenue, Westwood Village, Los Angeles, California 90024, USA)

CONTINUOUS EDUCATION AND MANAGEMENT DEVELOPMENT IN EUROPE

A conference organized by NIVE, Nederlandse Vereniging Voor Management, CECIOS European Council of Management, in cooperation with EFMD European Foundation for Management Development

Place Amsterdam, The Netherlands

Date March 11-13, 1974

Papers *Monday, March 11* general introduction on the different kinds of continuous education and management development, the reasons and the objectives, influences of continuous education on personnel management, what are the demands of industry and Government? how can one gauge those demands? in what way are institutes able to contribute? what are the major influences on them? what do graduates expect from their institutes, and what from their employers an aspect of personnel management,

Tuesday, March 12 continuous education in management development system What is possible, what is impossible and what is reasonable?

In parallel sessions what are the consequences for

- companies and other organisations
- personnel management
- basic institutional education
- training centres
- vocational institutes,

Parallel session on free communications, ideas, cases, etc, on continuous education and management development – theory and practice

Wednesday, March 13 panel discussion on practical problems, possibilities, difficulties, challenges of and for continuo-

meetings, courses, lectures, exhibitions, etc

us education and management development,

Parallel sessions on what can be done by

- the Government
- industry
- educational institutes

Reporting on the parallel sessions of Tuesday and Wednesday morning, dialogue on

- results
- possibilities
- expectations

conclusions

(Further information Secretariata of the CECIOS/EFMD International Conference 1974 c/o NIVZ, 18, Parkstraat, The Hague, The Netherlands, tel 070-614991, telegrams Effined, telex 32626)

CULTURAL ALTERNATIVES

Part of the 72nd Annual Conference of the American Anthropological Association

A seminar organized by the American Anthropological Association

Place New Orleans, USA

Papers A Future History, by George Benelle, The Future Country, by Marion Dobbert, A Socialist Alternative for the Future, by Eugene Ruy-
le, Univaria, by Dorothy Keur and Russell La Due

Information from World Future Society Bulletin, Vol VII, 6, June 1973

p 1

(Further information Prof Magoroh Maruyama, 3403 May Road, Richmond, California, 94803)

DESIGNING ALTERNATIVE FUTURES

A workshop organized by Futúres Lab (University Without Walls at Roger Williams College), coordinated by Earthrise Inc

EVENTS

meetings, courses, lectures, exhibitions, etc

Place Rhode Island, USA

Date January 7-25, 1974

Topics review and demonstration of various design processes and planning methods, development of creativity, group decision making and systems thinking, demonstration of more specific techniques in "futuristics" as applied to present and future social and environmental conditions. Methods include consensus seeking, trend extrapolation, simulation, gaming and global/local planning towards the Year 2000. Activities will include lectures, slide presentations, films, gaming sessions and recommended readings.

(Further information Thomas Carleton, Futures Lab, P O Box 120 Annex Station, Providence, R I 02901, tel University Without Walls 401-751-6700)

ENVIRONMENTAL SCIENCES IN DEVELOPING COUNTRIES SCOPE UNEP SYMPOSIUM

A symposium organized by International Council of Scientific Unions (ICSU), Scientific Committee on Problems of the Environment (SCOPE)

Place Nairobi, Kenya

Date February 11-23, 1974

Papers and speakers *Workshop week (February 11-16)*

Monday 11 – Environmental Aspects of Agricultural Development

– Environmentally Oriented Industrial Planning

Tuesday 12 – Environmental Aspects of Land Use in Semi-Arid and Sub-Humid Regions,

– Environmentally Oriented Planning for Human Settlement

Wednesday 13 – Integrated Pest Control,

– Population and Demographic Problems

Thursday 14 – Integrated River-Basin Development,

– National Institutional Arrangement

Friday 15 – National Parks and Nature Reserves,

– Regional and International Coordination

Saturday 16 – Environmental Education and Training

EVENTS

meetings, courses, lectures, exhibitions etc

– Eco Development, and

– Alternative Patterns of Development (contributions from the Symposium on "Management of the World's Resources "FOUNEX II, to be held in Nairobi, June 1974)

Symposium week (February 18-23)

Monday 18 – Environmental Aspects of Agricultural Development,

– Integrated Pest Control

Tuesday 19 – Environmentally Oriented Industrial Planning,

– Environmentally Oriented Planning for Human Settlement,

– Eco Development

Wednesday 20 – National Parks and Nature Reserves,

– Environmental Education and Training

Thursday 21 – Environmental Aspects of Land Use in Semi-Arid and

Sub-Humid Regions,

– Integrated River-Basin Development,

– Alternative Patterns of Development.

Friday 22 – National Institutional Arrangement,

– Regional and International Coordination

Saturday 23 – Population and Demographic Problems

Closing session

(Further information Technical Secretariat Cairo office prof M Kassar c/o A-LECSO, 109 Tahrir St, Dokki, Giza, Egypt, London office H Southon, SCOPE Secretariat, c/o The Royal Society, 6 Carleton House Terrace, London SW1Y 5AG, UK)

FIRST ANNUAL INTERNATIONAL COMPUTER ARTS FESTIVAL

Place New York, USA

Date 1973

Featuring computer prepared film William Fetter videotape Bill Etra and Steven Rutt, music Joseph Olive

Information from Tomorrow's World, Vol 1, 17, May 15, 1973, p 1

(Further information The Kitchen, 240 Mercer Street, New York, USA)

meetings, courses, lectures, exhibitions, etc

GENERAL ASSEMBLY OF WORLD FUTURE STUDIES FEDERATION

Place Paris, France

Date March 29-30, 1974

Program opening statement by the Acting President of WFSF, Bertrand de Jouvenel, panel, "Science facing social needs", with participation by Christopher Freeman, Horst Rittel, CW Churchman, Pavel Apostol, report on events since the 3rd World Future Research Congress in Bucharest, election of officers, decision on the budget and program of WFSF

(Further information Peter Menke-Gluckert, D 53 Bonn, Bad Godesberg Volkestrasse 9)

INDIA 2000 A D – A FRAMEWORK FOR SURVIVAL

A lecture by Dr J C Kapur, sponsored by the India International Centre

Place New Delhi, India

Date January 17, 1974

This is the first in the series Signposts to the Future, planned by the Centre

(Further information India International Centre 40 Lodi Estate, New Delhi 3, India)

INSEDIAMENTI UMANI ED INNOVAZIONI TECNOLOGICHE NEI 30 ANNI PROSSIMI *(Human settlements and technological innovations in the next 30 years)*

A conference organized by IN/ARCH (National Institute of Architecture), with the sponsorship of the Ministry of Public Affairs

Place Rome, Italy

Date December 15-17, 1973

Topics 25th anniversary of the Universal Declaration of Human Rights, man and his settlements in the territory today, pre-fabricated industrialized dwelling units to be installed anywhere, mega-structures and

meetings, courses, lectures, exhibitions, etc

mobile-homes, methodological approaches to future settlements, working programs and research subjects on the future of settlements
Among the speakers Paul Rudolph, Peter Hall, Ludovico Quaroni, Mario Bucalossi, Kisho Kurokawa, Lucio Passarelli, Bruno Zevi

(Further information Secretariat 1130 c/o IN/ARCH, 36, via di Monte Giordano, Roma, Italy, tel 652,254)

MAN ENVIRONMENT INTERACTIONS EVALUATION AND APPLICATIONS

A conference organized by Environmental Design Association (EDRA), School of Architecture, University of Wisconsin
Place University of Wisconsin, Milwaukee, USA

Date May 30-June 1, 1974

Papers – Evaluations of Design Human Ecology

– Evaluations of Design Mental and Physical Health

– Evaluations of Design Resources and Economic Stability

– Behavioral Impact Permanent, Centralizing Environments

– Behavioral Impact Temporary, Decentralizing Environments

(Further information Dan Carson, Conference Chairman, School of Architecture, University of Wisconsin Milwaukee, Wisconsin 53201)

PERSONAL FUTURES

A course held by Phil Werdell

Place New York, USA

Date January 4-28, 1974

Topics participation in a life-planning workshop, a series of individual and group exercises designed to help people plan their own futures
Suggested activities include spending time in a number of contrasting environments, e.g. city and country
Visits with a number of people who have created their own work, someone who is setting up a school, developing a craft, creating a job in a large bureaucracy, building a

EVENTS

meetings, courses, lectures, exhibitions, etc

work cooperative An experiment with high quality, low cost living, i.e. living happily and healthily at a basic cost of \$100 per month. Discussions of how personal choices relate to the ideas of futurists, such as R. Buckminster Fuller, Margaret Mead, Alvin Toffler, and other theorists. Participants will spend the first few days clarifying and learning goals and making decisions about the month. Some work will be collective and some individual.

(Further information Phil Werdell, 10 Prospect Place, Brooklyn, New York 11217, tel 212-636-9433 or 212-638-6250)

SYMPOSIUM ON THE FUTURE

Sponsored by the Trustees of the State University of New York
Place State University of New York, Albany, USA

Date November 21, 1973

Program introductory statement by Maurice T. Moore, panelists Justus Hartnack, John McHale, George H. Stein, C. N. Yang, summary Ernest L. Boyer, panel moderator Bruce Dearing

THE IMPACT OF ENERGY POLICIES ON THE INTERNATIONAL SYSTEM

A conference organized by the Center for the Study of Democratic Institutions, chairman Bernard Feld

Place New Delhi, India

Date December 1973

Information from The Center Report, October 1973, p. 20

TOWARD A WORLD CIVILIZATION

An ICC seminar with Warren Wagar

Place New Consciousness Institute, Northridge

Topics three aspects of a new world civilization: religion, family and art

EVENTS

meetings, courses, lectures, exhibitions, etc

The most important points reached were: a new world religion will lead to a new type of man, new forms of myth, symbol and ritual will emerge, religion, teaching spiritual values will inspire ethical life, the nuclear family will persist: there will be more freedom for the child to choose the type of family, patriarchy will disappear, new art forms will rise, art will include the spontaneous expression of the self in various states of consciousness through improvisation, a new world art will arise.

Information from The Cooperator, Vol 5, 1, Winter 1973, p. 6-7

UNITED NATIONS POPULATION CONFERENCE

Sponsored by the United Nations

Place Bucharest, Romania

Date August 1974

WORLD MAN/WORLD ENVIRONMENT SEMINAR DESIGN SCIENCE EXPLORATION INTO ALTERNATIVES FOR SPACESHIP EARTH

A seminar organized by Eathrise Inc

Place New Haven, Connecticut, USA

Date January 2-14, 1974

Topics providing a working understanding of what R. Buckminster Fuller has called "comprehensive anticipatory design science" and other tools of global systems analysis and world resource planning.

It is divided into two sections: 1) intensive introduction to the principles and tools of design science through the use of lectures, readings, films, discussion, videotapes and games; 2) work session utilizing the tools and methods learned in part one. In this section participants will become involved in the development of specific utilizable alternatives for the earth, in the areas of energy, education, food, shelter, health, medical care, transportation, recreation, communication, logistics and ecological context, as part of the on-going development of a global information system to deal

EVENTS

meetings, courses, lectures, exhibitions, etc

with problems of the earth's environment, resources and human needs
 (Further information Earth MD, Box 2016 Yale Station, BNew Haven, Connecticut 06520, USA tel 203-776-4921)

DATE	THEME	PLACE	ORGANIZERS
1973			
November			
2-4	<i>Communication Media and the Future of Higher Education</i>	Stuttgart (Germany)	Deutsche Verlags Anstalt GmbH in cooperation with the International Association for the Promotion of the World University, with the support of the German UNESCO Commission
21	<i>Symposium on the Future</i>	State University of New York Albany (USA)	Trustees of the State University of New York
28-30	<i>Symposium on Recycling</i>	Zurich (Switzerland)	Institut Gottlieb Duttweiler for the Study of Economic and Social Questions
28-Dec 2	<i>Cultural Alternatives</i>	New Orleans (USA)	American Anthropological Association
December			
7-9	<i>The Future of the Mind</i>	Perugia (Italy)	Associazione Incontri Internazionali 'Il mondo di domani', in collaboration with l'Istituto della filosofia dell'Universita di Roma
13-15	<i>International Conference on Global Problems of the Development of Civilization</i>	Prague (Czechoslovakia)	The International Institute for Peace and the Institute for International Relations (Prague), with the support of the School Stet University of Prague

DATE	THEME	PLACE	ORGANIZERS
15-17	<i>Inseguimenti umani ed innovazioni tecnologiche nei 30 anni prossimi</i>	Rome (Italy)	IN/ARCH, Istituto nazionale di Architettura
1974 January	<i>The Impact of Energy Policies on the International System</i>	New Delhi (India)	Center for the Study of Democratic Institutions
	<i>Professions of the Future and Future of Professions</i>	Berlin (Germany)	United Nations Department of Economic and Social Affairs
2-13	<i>The New Values Freedom and Equality in the Economy the Incomes Policy</i>	Brussels (Belgium)	Societe d'etudes politiques sociales and Art Vie, Esprit
	<i>World Man/World Environment Seminar Design Science - Exploration into Alternatives for Spaceship Earth</i>	New Haven (USA)	Earthrise Inc
2-25	<i>Building the Future Developing Human Resources Within Communities</i>	Arizona (USA)	Terran Project
4-28	<i>Personal Futures</i>	New York (USA)	Phil Werdell
7-25	<i>Designing Alternative Futures</i>	Rhode Island (USA)	Futures Lab (University Without Walls at Roger Williams College) coordinated by Earthrise Inc
17	<i>India 2000 A D - A Framework for Survival</i>	New Delhi (India)	India International Centre
February	<i>Environmental Sciences in Developing Countries SCOPE UNEP Symposium</i>	Nairobi (Kenya)	International Council of Scientific Unions (ICSU) Scientific Committee on Problems of the Environment (SCOPE)
March	<i>Continuous Education and Management in Europe</i>	Amsterdam (Netherlands)	NIVE, Nederlandse Vereniging Voor Management, CECIOS European Council of Management, in cooperation with EFMD European Foundation for Management Development
11-13	<i>General Assembly of World Future Studies Federation</i>	Paris (France)	World Future Studies Federation

DATE	THEME	PLACE	ORGANIZERS
April	<i>The Applications of Automation and Computer Techniques for Planning and Management of River Basins and Other Hydrological Systems</i>	USA	UN/ECE Economic Commission on Water Problems
May	<i>Europe in 1980 Towards a New Model of Civilization</i>	Brussels (Belgium)	Societe d'Etudes politiques et sociales and Art, Vie, Esprit
30-June 1	<i>Man Environment Interaction Evaluations and Applications</i>	Milwaukee (USA)	Environmental Design Association (EDRA), School of Architecture, University of Wisconsin
August	<i>3rd World Conference on Population</i>	New York (USA)	United Nations Department of Economic and Special Affairs
19 30	<i>Conference on Science and Revolution in Contemporary Societies</i>	Toronto (Canada)	International Sociological Association
	<i>United Nations Population Conference</i>	Bucharest, (Romania)	United Nations

ADVENT PROGRAM

Established by David C Miller, Advent is a permanent service program offering informational products and services to persons and organizations whose interests are the problems of the future

The Advent Program is based on a two-year futures studies and research curriculum development project, funded by the U S Office of Education in 1971 to Miller and R Hunt

The first products of this program include "Curriculum Guide" a selective multi-media, "Learning Resources Guide" and an audiotape cassette "Answers to questions most often asked about futures studies and research"

Information from World Future Society Bulletin, Vol VII, 5, May 1973, p 1

(Further information David C Miller and Associates 980 Fox Plaza, San Francisco, California, 94102)

ADVERTISEMENT / NEWS STORY

Information desired on university-level courses and programs in futures studies, technology forecasting and assessment, policy sciences, demographic forecasting, economic forecasting, etc

Instructors from all over the world are invited to send syllabi and other relevant material to the "Mark III" version of the on-going study of futures oriented education, now generously funded by the World Institute Council, Inc, Julius Stulma, President, in the "Information for Policy Design" series under Michael Marien The first study based on forty courses was reported in Tokyo in 1970 at the World Future Research Conference, this was published in Technological Forecasting and Social Change (Vol 2, 133-48, 1970) and in the Futurist, December 1970, in a slightly abridged form The second, or Mark II, version was

on-going research and studies

given as a paper at the World Future Research Conference in Bucharest, 1972, and in *Technological Forecasting and Social Change* (Vol 4, 387-407, 1973), *The Futurist* (December 1972) again published an abridged version

The first two reports were based narrowly on "future studies" however self-defined. Not only have the original field/disciplines been extended, but the North American coverage has been made worldwide. In addition, individuals engaged in "futurizing" aspects of standard courses / programs are encouraged to report on their experiences, including education in long-range planning, the policy sciences, system analysis and systems dynamics (long-range aspects), econometrics, utopian studies including selected science fiction), demography (where relevant), and technological forecasting and technological assessment courses and programs

The information requested relevant courses (and programs) taught by you, where and when, and at what level including 1) syllabi, book lists, 2) unusual features, 3) estimates of results, 4) reaction of students, 5) any "futurizing" (giving a future dimension) of standard courses, 6) knowledge of other future studies course-givers with addresses, and especially any degree granting programs-AB or higher

Please send material to

Dr H Wentworth Eldredge

World Institute Project

Department of Sociology

Dartmouth College

Hanover, New Hampshire, USA 03755

on-going research and studies

PROPOSALS BY R L MEIER

Researchable Problems in Human Development (Partial List)

A significant number of younger people are committed to the design of alternative communities, but what factors need to be incorporated in order to assure viability over a time period greater than a decade, preferably for generations?

This is a search for minimal prerequisites for the nurture and maintenance of the face-to-face community in the contemporary world. The study of the classical utopian communities is instructive but insufficient for today's challenges. Thousands of experiments are under way, and perhaps hundreds of unique solutions will be found, but it is exceedingly difficult to collect information about what has become a quasi-private organization

**viability
of primary
groups**

What are the alternative strategies for handling organizational roles when world markets, airlines, and political events (whose transactions are soon to be transmitted in volume by communications satellite) require central business districts to go round the clock?

Quite a few industries and services already operate around the clock but these operations have usually been isolated from the management and decision systems, as typified by the banks, markets and office buildings. As multi-national firms become more important the adjustment of the administrative classes becomes important. Will a group of five to nine members, continually in communication with each other, be more efficient than the present individual with an understudy or assistant? The reason for the shift is to speed up reaction time, but groups are known to be

continuity

on-going research and studies

slower than individuals (who are off the job 70-80 per cent of the time)

The computer-human interface offers many potentials in the enhancement of human capabilities, but what are the high priority applications and how is the interface best designed to fit groups as well as individuals?

Multiple sets of new worlds of human-environment interaction need to be explored. The amount of effort in this area is already large, but it is still highly exploratory. At present it seems to lack currently relevant problems to solve outside of the military, and the exploration of outer space. Whenever a significant problem is raised warranting large scale research and development, it appears that standard R & D approaches are more economical in time and money, but the imaginative work preceding it needs to be done soon.

What is the compressibility limit for healthy development, as judged by fitness in the biological sense, and normal ranges of mental strain in the psychological sense?

It has been apparent that in Hong Kong an average of 6 cu meters of living space per capita for a decade or two in concrete apartments has left the people as healthy and free from mental strain as in places with the preferable 15 cu meters or more. Studies should be made as well of the life of the "water people" of South China who have lived from three to ten generations in quarters that are perhaps even more constricted.

intellectual
space
creation

stress

on-going research and studies

How can the human race be organized so as to permit occupation of the oceans in addition to the land?

If people feel crowded on the land, there is much more space available at sea. The mechanical supports for marine settlement can now be designed so as to be competitive with those in maritime cities, but the productive activities, life styles, and models or organization (satellite cities, suburbs, free ports, city states, or what) have to be worked out. Functions for such communities must be found, other than pure escape, so that the mechanical environments can be designed and new marine eco-systems can be evolved.

new
environmental

SET OF 28 VIDEOCASSETTES

This set has been prepared from videorapes made at the 1967 American Institute of Planner's 50th-year consultation. The Next Fifty Years: The Future Environment of a Democracy. Speakers include Bertrand de Jouvenel, Kerman Kahn, John Platt, Sir Jeffrey Vickers, Joseph I. Fisher, and many others.

Information from World Future Society Bulletin, Vol VII, 5, May 1973, p 5

(Further information William R Ewald, The Next Fifty Years, NW Washington, D C 20006)

STARTING WHERE THE PEOPLE ARE

An activity of the Center for Instructional Research and Curriculum Evaluation (CIRCE), University of Illinois, Urbana-Champaign, Ill. The organization is currently involved in two endeavors marked by attempts to aid community residents in their efforts to cope with press-

ing matters 1) a survey of mental health issues on a countywide basis — that is, several small towns and rural areas included Part of the Center's responsibility is to train indigenous persons to act as interviewers The Center will also serve as monitor of the project, assist with data analysis, etc 2) the Center assists in developing a living-learning system for a housing project sponsored by a Catholic organization Again, the crucial importance of involving people in programs ostensibly created for them is the guiding purpose of the Center (Dr G Hoke states "An few years ago, IRADES carried a strong warning by German scholars N M Ralf and B Ziegler that futurism was in great danger of becoming an elitist enterprise We share the same concern")

TAPE RECORDINGS

The following tape recording is available on C60 cassettes, from BSIP Ferranti, Millbank Tower, London SW1

AN INTERVIEW WITH NOAM CHOMSKY LEON FESTINGER, I J GOOD R L GREGORY, G A MILLER, KARL PRIBRAM, B F SKINNER AND PATRICK WALL

Eight new one-hour interviews on their work, background and current views on psychology An ideal introduction to the personality and achievements of leading contributors to brain research Information from New Scientist, Vol 60, 866, 4 October 1973, p 64

The following tape recordings are available from AAAS, Dep MV, 1515 Massachusetts Avenue, N W, Washington D C 20005

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE SYMPOSIUM AUDIOTAPES IN 1973
RECORDING OF SYMPOSIA HELD DURING THE AAAS ANNUAL MEETING IN WASHINGTON

THE NEW URBAN VISION

An interview with Wolf von Eckardt

A new humanistic architecture seems to be emerging which seeks to design the urban environment with nature, rather than against it and which makes new demands on science and technology

(The above on tape 128 72)

MUST WE LIMIT ECONOMIC GROWTH?

An interview with E F Denison, D L Meadows, S F Singer, C Starr, M Roberts and others

Must we limit economic growth in the US and other developed countries to avoid a world catastrophe of resource exhaustion and environmental pollution? Are there positive benefits to continued growth?

(The above on tape 134 72)

COMMUNICATIONS REVOLUTION

An interview with A Aines

(The above on tape 136-72)

LIMITS TO GROWTH OF TECHNOLOGY

An interview with C Starr, R A Carpenter, R P Jackson and others Technological growth, how it interacts with the other variables, and the necessity of such growth if there are any plausible non-catastrophic scenarios for the future of mankind

(The above on tape 143 72)

HUMANIZING THE EARTH

An interview with R Dubos

Using knowledge and reason man can improve on nature Man made nature can remain ecologically stable, economically rewarding, and esthetically pleasurable for long periods of time Civilization emerges from a creative symbiosis between man and nature

EDUCATIONAL ACHIEVEMENT AND SOCIAL INDICATORS

An interview with W J Cohen, S J Mushkin, D M Gilford, C P Kearney, J S Ahmann, and others

Review, interpretation and relation to current issues in education of assessment in science, citizenship, and reading, and an analysis of the measurement, problems and the relationship between national assessment, social indicators, and educational policy

(The above two interviews on tape 142-72)

AND SHALL WE HAVE SCIENCE FOR EVER AND EVER?

An interview with S Toulmin

We face today disciplinary fragmentation within science and estrangement of many outsiders from its ideals. Unless the barriers of sympathy and understanding between scientist and their fellow-citizens are demolished, and the spirit and integrity of earlier "natural philosophy" are restored, a new Dark Age might well overtake science

(The above on tape 146-72)

Information from Science, Vol 180, 4089, 1 June 1973, p 902-903

ACCESS TO EDUCATION

Author Alfred Sauvy and others

Published in the Europe 2000 series by M Nyhoff, pp 157

"It is only by examining the roots and seeds that we get some idea of what the tree may become. This examination leads the authors into a comparative study of the developments in education in a number of widely differing countries." Times, Lit Suppl 29 6 73

(Further information M Nyhoff, P O Box 269, The Hague, Netherlands)

BOOKS

Bookshop of the most recent books and magazines of alternatives for the future and on problems of the environment in Britain and in Europe
Director Kevin Connolly

Address 84, Woodhouse Lane, Leeds, LS2 8AB, tel (0532)42483

DA ZERO A TRE ANNI *(From zero to three years)*

Author Piero Angela

(Further information Libreria Tuttilibri, 447, via Appia Nuova, Rome, Italy, telefono 78 45 45)

DER JAHRTAUSEND MENSCH

Bericht Aus Den Werkstätten Der Neuen Gesellschaft (The millenary man-laboratory report on the new society)

Author Robert Jungk

Published by C Bertelsmann Verlag, Munchen, 1973, p 438

EDUCATION AND DIVISION OF LABOUR

Author Aldo Visalberghi

PUBLICATIONS

recent or in press

Published in the Europe 2000 series by M Nyhoff, pp 189

(Further information M Nyhoff, P O Box 269, The Hague Netherlands)

EDUCATION DEMAIN *(Education tomorrow)*

Author Bertrand Schwartz

Published by Aubier-Montaigne

(Further information Aubier Montaigne 13 Quai de Conti Paris VI, France)

HUMAN FUTURES

A collection of papers prepared for the Rome Special World Conference on Futures Research, held September 1973

Published by Futures, IPC Science and Technology Press Ltd in cooperation with IRADES, Rome, Italy

Contents A critical review by John McHale, The decay of the delicate balance, by Maurice Guernier, Technic and human culture, by Lewis Mumford, Computer models for world problems and policy formation, by Sam Cole and Craig Sinclair, either there nor then— a eutopian alternative to the "development" model of future society, by Jim Dator, Reflections on the relationship between the individual and society, by William Simon, A focus on action, by Harold A Linstone, Future studies quo vadis, by Yehezkel Dror Introduction by B de Jouvenel

(Further information IPC Science and Technology Press Ltd, IPC House, 32 High Street Guildford, Surrey England)

HUMAN NEEDS, NEW SOCIETIES, SUPPORTIVE TECHNOLOGIES

Collected documents presented at the Rome Special World Conference on Futures Research 1973

All the papers, memoranda, etc, prepared for and presented at the Rome conference are collected and published in five volumes by Irades, Rome

PUBLICATIONS

recent or in press

Basic and resulting papers are not included, since they are being issued by Futures See above

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

L'ENSEIGNEMENT DE L'AN 2000 – LE PROBLEME DE L'ORIENTATION *(Teaching in the year 2000 – the Problem of Orientation)*

Author Maurice Reuchlin

Published by P U F Paris

SCIENCE ORGANIZATION SECTION OF THE HUNGARIAN ACADEMY OF SCIENCES METHODOLOGICAL GUIDE FOR FUTURES RESEARCH

A photostatic guide in Hungarian, issued by the Science Organization Section of the Hungarian Academy of Sciences, Budapest (1973, pp 149) This is a short encyclopedia, arranged in alphabetical order, of the techniques used in contemporary futures research in both the Eastern and Western worlds

THE PROGNOSTIC ANALYSIS OF COMPLEX SOCIAL EFFECTS OF NEW TECHNOLOGIES

Author Sandor Szalai

A reprint in Hungarian of a paper published in Magyar Tudomány, Journal of the Hungarian Academy of Sciences, 1973, No 11, p 701-711 This is a paper prepared for the International Symposium on Scientific-Technical Revolution and Social Progress, organized by the Scientific-Technical Cooperation Committee of the Council of Mutual Economic Assistance, CMEA or unofficially COMECON, to be held in Moscow in February 1974

recent or in press

THE UNKNOWN URBAN REALM

Author Ulrich Neveling and others

Published in the Europe 2000 series by M Nyhoff, VI, pp 190

(Further information M Nyhoff, P O Box 269, The Hague, Netherlands)

REMARKS TO MEMORANDUM 8

This is the first of a series that we shall print in every edition of the Newsletter

I did not attend the Rome Conference, but the following thoughts occurred to me while reading the account of it in Memorandum 8

1) So you had problems getting to know each other in between all the speeches and other formal activities. What else is new? Don't we already know this will happen? The Memorandum very perceptively notes that one of our biggest problems in imagining and creating better futures is our unwillingness to let go of some of our needs for security and stability — in short, to take chances. So, I wonder when the first futures conference will meet that takes the high risk of having no formal agenda, in full knowledge that the *process* of the meeting — and the content it gives rise to — will set the agenda. I gather that the goal of the Rome Conference was to get a bunch of people who would not ordinarily meet to come of talk to each other, to better explore their values about preferred futures. If *that* is the goal, and not the academic glory of publishing some proceedings or whatever, then formal apparatus can't be allowed to get in the way, nor should you be surprised when it does. Of course, one can still have a preliminary program when one takes the process approach, but then the program becomes the use of aids that will get people from different cultural areas to communicate their values and needs with each other as efficiently and honestly as possible, over the week or two this can take, self-interest groups can form around common subjects (or these may be structured in advance on the indications of participants), and can issue whatever position papers they like.

2) The spirit of the Memorandum is that we must be able to listen and

tolerate (at least through the listening stage!) all views on possible futures. Interestingly, the Memorandum then breaks its own advice on p 4 by stating, as if it were self-evident, that "we cannot realistically reject technology and the irrefutable advantages it brings mankind". In fact, I believe this too, but I just wish to raise the point that the "rejection" of technology — whatever that means — is, in fact, one *possible* future, and perhaps, according to one's values, even a desirable future — telling people who believe in a pastoral world that they should consult a psychologist is just the error you are otherwise warning against! This admittedly extreme example raises the more basic question of just what are our criteria for the boundaries of what are regarded as "legitimate" futures, open for discussion, or not? To put it another way, are there some futures we all reject out of hand, and if so, why?

3) Taking the risk of making a point which may seem trivial, but which I regard as fundamental, I wonder when we shall see the first futurist group that consciously commits itself to using non-sexist language in its publications. In the world in which I live, "man" means male, it does not stand for the whole species, if it does so by custom, so much the problem with custom. With this attitude, I find it a bit funny to read sentences like "we must alter our thinking on the future and orient it in terms of man" (p 2) or that macrotechnology deprives "men of the opportunity to program their own destiny" (p 4). I believe you recognize that language deeply affects our sense of reality, and so, of the futures we may want to create. Therefore, for myself, this requires the use of gender-free pronouns, substituting "one" or plural forms for masculine forms — thus the future is not prejudged by the mental constraints implied in language.

peace,
Dennis, Livingston

Many of our readers visit cities where other readers, residing in those cities, would like to have the opportunity of meeting them during their stay to exchange ideas, news, opinions etc, therefore, we have received a number of requests to publish announcements of such forthcoming trips in Future Forum. All persons who are planning to travel are cordially invited to notify us in advance, stating dates and addresses, if they wish to meet their fellow futurists.

At this purpose, for all who happen to pass through Rome, we shall be very glad to place at reader's disposal our address, as mail delivery, and our offices, as meeting place.

To

IRADES

Istituto Ricerche Applicate Documentazione e Studi
6, Via Paisiello, 00198 Rome, Italy

From

NAME

SURNAME

ADDRESS