



# SOCIAL AND HUMAN FORECASTING NEWSLETTER

by irades institute for futures research and education Roma Italy

SUMMER 1974

*Publication of this Newsletter issue has been hampered and delayed by disrupted mail services everywhere, particularly in Italy. Nevertheless, we are continuing to collect information and news items concerning futures studies, and even expanding them, at the same time doing all we can to get the Newsletter to you as quickly as possible.*

*The work of classifying the information sent in with the answers to the questionnaires for the upcoming Social and Human Forecasting Documentation 1974-75 is progressing satisfactorily. The new issue of this directory will revive the "Organizations" and "Individuals" sections, which in this and in the previous Newsletter have been somewhat less comprehensive than in other issues, however, we ask your patience until the directory is published.*

*In this issue's Future Forum, we are pleased to give our readers further news on the General As-*

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## 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 Flashes  
Future bearing news
- 7 Future Forum

*sembly of the World Future Studies Federation, held in Paris last March  
Again we wish to remind you of the purpose and importance of the Future  
Forum, which functions as a dissemination center for exchanges of ideas,  
opinions and innovative proposals submitted by our many friends scattered  
throughout the world*

*We would like to underline that the Newsletter is not simply a means of infor-  
mation 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 hap-  
pen 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

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

### **CENTER FOR THE STUDY OF ALTERNATIVE FUTURES**

Address Southwestern at Memphis, 2000 North Parkway, Memphis, Ten-  
nessee 38112, USA

Information from World Future Society Bulletin, vol VIII, 2, February  
1974

### **COMMISSION ON CRITICAL CHOICES FOR AMERICA**

Organized by Nelson Rockefeller, this Commission aims to project present  
trends into the future and estimate the impact of these trends on the  
future well-being and security of the United States and the rest of the  
world

Information from World Future Society Bulletin, vol VII, 1, January  
1974

*(Further information Commission on Critical Choices for America, 1270 Avenue  
of the Americas, New York, N Y 10020)*

### **LE GROUPE DE RECHERCHE SUR LE FUTUR (Future Research Group)**

operates within the University of Quebec

Aims to compare the outlook of the Quebec French-speaking communi-  
ty with that of the many large, complex societies that surround it in  
order to draw some conclusions about its human evolution The Group's  
studies are expected to encompass methodology normative anticipation  
and various types of scenarios concerning alternative futures and includ-  
ing reference projections

In the first phase, the study will be directed towards methodology and  
social information systems

Two projects are now in progress a team is engaged in a critical study  
of the methodology of scenarios based on present experiments in differ-  
ent countries and current theoretical work

The Group will carry out in-depth surveys both of selected population  
samples and expert opinions, to elicit various criteria for measuring "so-

## ORGANIZATIONS

*aims, intentions, activities of groups*

cial happiness" and the desirability of specific changes over the next ten years. The purpose of this project is to increase knowledge of the factors that influence societal change.

The Group is an interdisciplinary team, with a nucleus consisting of three full-time professors (P A Julien, economist, P Lamonde, urban scientist and D Latouche, political scientist) and a number of researchers of the University of Quebec. The scientific director of the Group is Hasah Ozbekhan.

Information from *Futures*, vol 5, 6, December 1973, p 605-606

*(Further information Le Groupe de Recherche sur le Futur, Université du Québec 3465 rue Durocher, Montréal, Québec, Canada)*

### LOCUS CREATIVE LEISURE SOCIETY

Founded in 1970 by a small group of persons dissatisfied with their personal lives, who aim to help people develop a meaningful and personal lifestyle through the creative use of leisure, and to further their personal growth process. Their long-term goal is to build centers where this work will be continued on an expanded scale.

The society has acquired a plot of land where artful living environments, structures and a way of life will be developed.

To live a creative leisure does not involve only a part of the individual but his entire being. It does not suggest any substantial change but requires a complete transformation.

Address Locus Creative Leisure Society, Box 653, Sooke B C, Canada

### MAJOR CENTERS OF FUTURES RESEARCH IN AUSTRALIA

Centre for Continuing Education, ANU

Director Dr Chris Duke

Australian Post Office, Tele-Comm 2000

Address Mr I A Newstead, 199 William Street, Melbourne

Qantas, Futures Study

## ORGANIZATIONS

*aims, intentions, activities of groups*

Address Mr D A Painter, Project Analyst, Box 481, C P O, Sydney

### NATIONAL COMMITTEE ON SCIENCE AND TECHNOLOGY DEPARTMENT OF SCIENCE AND TECHNOLOGY – TECHNOLOGY BHAVAN

A study group, set up by the Indian Government's Department of Science and Technology, to explore the various aspects of futurology, with special reference to Indian conditions and problems.

Address New Mehrauli Road, New Delhi 110029, India

Information from *World Future Society Bulletin*, vol VIII, 2, February 1974, p 2

*(Further information S C Sethi, National Committee on Science and Technology, Dept. of Science and Technology, Technology Bhavan, New Mehrauli Road, New Delhi 110029, India)*

### THE SOCIETY FOR GENERAL SYSTEMS RESEARCH – USA

Founded in 1954, operates within the Organisation for the Study and Development of the General Theory and Philosophy of Systems.

Aims to acquire greater insights into the structure and functioning of the whole spectrum of system-types, to provide methodologies for better analyses and designs of large man-made systems, to correlate studies, methodologies and knowledge in order to give coherence and unity, through systems science and General Systems Theory, to the present fragmented aspect of science.

Affiliated with the American Association for the Advancement of Science and with UNESCO.

The Society publishes the *General Systems Yearbook* (three issues per year), containing short papers, summaries of current research and news of interest to members.

Its official organ is *Behavioural Science*.

The SGSR also has a section in the UK, the Management Committee of the UK Region, which aims to establish the SGSR as a forum and

## ORGANIZATIONS

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*aims, intentions, activities of groups*

coordinating body for the systems movement in the UK  
As part of the SGSR's international effort, an International Conference, to be held in 1975/76, is being planned  
Information form Futures, vol 45, 6, December 1973, p 603-604

*(Further information MK M'Pherson, Chairman of the SGSR, UK, Head of Dept, of Systems and Automation, The City University, London, UK)*

## INDIVIDUALS 2

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*intentions, change of address*

### RENEE-MARIE CROOSE PARRY

Mrs Croose Parry has informed us that she resigned from her post as Honorary Secretary of THE TEILHARD CENTRE FOR THE FUTURE OF MAN on January 20, 1974, an organization she had founded in London in 1964, and which she developed with like-minded friends over the past ten years. She will continue to lecture and write on futures research and would now be grateful to receive all material previously sent to her at the Centre's address at her home 81 Onslow Square, London, SW 7 3LT (Telephone 01-584 8661 and 583 0898)

She continues to be an active member of THE WORLD FUTURE STUDIES FEDERATION, MANKIND 2000, THE FUTURES STUDIES CENTRE in Yorkshire and THE SOCIETY FOR ANGLO-CHINESE UNDERSTANDING in London. She is also a member of THE WORLD FUTURE SOCIETY and of AMNESTY INTERNATIONAL.

### SIMON NICHOLSON

Add to p 509 of Social Forecasting Documentation 1972  
Change of address (add to listing of "Community Participation in City Decision Making", The Open University, Milton Keynes, England, last issue) 180 Woodstock Road, Oxford, England, tel (0865) 55083. Recent publication "Children As Planners", Bulletin for Environmental Education, Town and Country Planning Association, London, 1974

### GOPAL PURI

Add to page 14, Newsletter 14, Autums 1973  
New papers Human Ecology – The ecology of health of the wholeman, submitted to the First International Congress of Ecology as an abstract for the symposium on "Aspects of human health in relation to ecosystem management", to be held September 8-14, 1974, at The Hague, Netherlands

Some aspects of human environmental problems in the developing coun-

*intentions, change of address*

tries of the world, invited to the international conference on "Man and his environment", Torino esposizioni S p A , Turin, Italy

An ecological assessment of world population and human needs, invited to the conference on "Global dialogue of the disciplines on population", organized by the World Population Society for its first annual general meeting, February 7-9, 1974, Washington D C , USA'

#### **EGON TRATTNER**

Former professional activities head of the Plan Coordinating Division of the Ministry of Food Industry, and head of the Economic Research Division, Food Technological Research Institute, Bucharest Recently he has written some 20 papers on forecasting and long-range planning Participated at the Third World Futures Conference held in Bucharest, September 1972, and presented a paper entitled "The Production Network an Efficient Tool in Modelling Territorial Development Forecasts"

Present professional activities senior researcher at the Center for Technological and Interdisciplinary Forecasting, Tel-Aviv University  
Address Rh Hasavoraim 13, apart 10, Ramat-Aviv (Tel-Aviv), Israel

*meetings, courses, lectures, exhibitions, etc*

#### **5TH ANNUAL CONFERENCE OF THE INTERNATIONAL SIMULATION AND GAMING ASSOCIATION (ISAGA)**

A conference organized by the ISAGA

Place Berlin, Germany

Date May 28-30, 1974

The purpose of the conference was to review the specific capabilities of simulation/games in four main areas of theory and application decision-making, education, research, pre-testing

Information from The Teilhard Review, vol IX, 1, February 1974, p x

*(Further information ISAGA Conference Coordination, Klaus Dette, Margrit Kennedy, Kantstrasse 154a, 1000 Berlin 12, Germany, tel 030-312-1649)*

#### **APPROACHES TO POLICY MAKING IN LOCAL GOVERNMENT**

A conference organized by Middlesex Polytechnic

Place London, England

Date June 24-25, 1974

Papers and speakers current policy-making, resources allocation (A Wildavsky), Research, theory and training (Y Dror), Central Government (S Williams), Policy analysis in the future (D Henders), Geoffrey Vickers and others

Information from Futures, vol 6, 2, April 1974, p 180

*(Further information John Skitt, Middlesex Polytechnic, Queensway, Enfield, Middlesex, EN3 4SF, England)*

#### **A WORLD SYMPOSIUM ON ENERGY AND RAW MATERIALS**

A symposium organized by the Centre de Recherches et d'Etudes des Chefs d'Enterprises (CRC), with the collaboration of Political and Economic Planning (PEP)

Information From The Teilhard Review, vol IX, 1, February 1974, p x

*(Further information Armand Braun, CRC, 20 Rue Laffitte, Paris IX, France, or Richard Davies, PEP, 12 Upper Belgrave Street, London, SW1, England)*

## EVENTS

*meetings, courses, lectures, exhibitions, etc*

### **CITY PLANNING AND DISTRIBUTION TO SERVE MAN OF TOMORROW, 4TH WORLD CONGRESS**

A congress organized by the International Association Town-Planning and Distribution

Place Rome, Italy

Date May 13-15, 1974

Information from *Futures*, vol 6, 2, April 1974, p 180

*(Further information Congress Secretariat, International Association Town-Planning and Distribution, Rue Montoyer, 61, 1040, Brussels, Belgium)*

### **CLUB DE AMIGOS DE LA FUTUROLOGIA**

Place Barcelona, Spain

Date April 2-June 12, 1974

Topics *How to live in the future centuries?* the transformation of psychology in the technological age, the importance of biology in man's future, man in the cosmos, how much energy do we need for tomorrow? Barcelona in 2000, the future of man and society in relation to nature, what kind of public transportation do we want for tomorrow?

*Education in the XXI century* cultural factors in the distress of the future, ideas on what is thought to be education, discussions on Education Week in the XXI century

*(Further information Club de Amigos de la Futurologia, Gran Via 608, 8e D, Barcelona, 7 - Spain)*

### **CONFERENCES**

A series of conferences sponsored by Pontificia Università Gregoriana, Institute of Religious Sciences in collaboration with the Centro Studi e Ricerche sui Rapporti Umani (Center for Studies and Research on Human Relationships)

Place Rome, Italy

Program November 8, 1973 — Il futuro dell'uomo attesa della nuova

## EVENTS

*meetings, courses, lectures, exhibitions, etc*

città (Man's future waiting for the new city), speaker Michele Valori  
November 15, 1973 — Il futuro dell'uomo sotto l'incubo dell'esplosione demografica? (Man's future under the nightmare of demographic explosion?), speaker Pedro Beltrao

November 22, 1973 — Il futuro dell'uomo L'aggressività distruzione o costruzione? (Man's future Aggressivity, destruction construction?), speaker Lucio Pinkus

November 29, 1973 — Il futuro dell'uomo ruolo della religione nella pianificazione del futuro (Man's future the role of religion in future planning), speaker Peter Henrici

December 6, 1973 — Il futuro dell'uomo il comunismo degli ottanta escluderà ancora la coesistenza ideologica? (Man's future will Communism in the 1980s exclude ideological coexistence even further?), speaker Gustav Wetter

December 13, 1973 — Il futuro dell'uomo I limiti dello sviluppo collasso del sistema mondiale? (Man's future Limits to growth Collapse of the world system?), speaker Paul Ehrlich

*(Further information telephone Rome, 689191, 5 00-8 00 p m work days)*

### **COURSE**

The Delegation generale à la recherche scientifique et technique and the Commission française pour l'UNESCO have organized a post-graduate course to study the management of natural environment

Place Paris, Toulouse and Montpellier, France

Date September 1974 — July 1975

Intended for specialists in various fields and administrative officials both from the Third World and the industrialized countries

Aims opening towards development and environmental problems and methods to face them

Method problems will be studied applying various sciences After formulating basic sciences, the study will be oriented towards management development and planning, sociology, protection of nature

## EVENTS

*meetings, courses, lectures, exhibitions, etc*

Instructors professors from various French universities and experts from organizations such as CNRS

Level Third

Degree at the end of the course, the student will obtain a degree in ecology and management of the natural environment

Information from Inf UNESCO 654, 1973

*(Further information Commission française pour l'UNESCO, 21 bis rue la Perouse, Paris 76116, France)*

### EDUCATORS' CONFERENCE

A national conference organized by the World Future Society

Place Washington D C, USA

Date October 19, 1974

A conference of educators to discuss courses in futures studies

*(Further information World Future Society, 4916 St Elmo Avenue, Bethesda, Washington D C 20014, USA)*

### ENERGIA NUCLEARE ED ALTRE FONTI DI ENERGIA NEL FABBISOGNO ENERGETICO ITALIANO, REALIZZAZIONI E PROSPETTIVE

*(Nuclear and other energy sources and Italy's fuel energy needs prospects and realization)*

A seminar organized by the Federazione Nazionale dei Cavalieri del Lavoro

Place Rome, Italy

Date May 27-28, 1974

Papers and speakers introduction, C Salvetti, present and future role of fossil fuel, D Laboli, present and future role of nuclear energy, M Silvestri, perspectives for hydrogen, C Marchetti, present and future role of geothermal energy, E Tongiorgi, perspectives of nuclear fusion, P Caldarella, perspectives of electric energy, T Lardini, round table discussion on

## EVENTS

*meetings, courses, lectures, exhibitions, etc*

the latter paper, with the participation of the speakers and the public, conclusions, C Salvetti

*(Further information Secretariat Palazzo della Civiltà del Lavoro, Eur, Rome, Italy, tel 596076-596503)*

### IOWA 2000

Place Iowa, USA

Date January-June 1974

A Governor's conference on the future of Iowa Beginning with an Iowa values test, it will then expand in scope, to encompass four areas of primary concern to Iowans

These subject will be discussed first on the local level, then in broader areas of the State and finally at a state-wide conference

### LA VITA E LA RAGIONE DIALOGO SUL CASO E LA NECESSITA'

*(Life and reasoning dialogue on chance and need)*

A lecture by Valerio Tonini, held by Centro Internazionale di Comparazione e Sintesi (International Center of Comparison and Synthesis)

Place Rome, Italy

Date February 15, 1974

Information from Il Tempo, February 2, 1974

*(Further information Centro Internazionale di Comparazione e Sintesi, via G Carrini 24, Roma)*

### MANPOWER, TECHNOLOGY AND CHANGE TECHNOLOGY FORECASTING

A seminar sponsored by the IIT Research Institute

Place Chicago,

Date 1974

## EVENTS

*meetings, courses, lectures, exhibitions, etc*

Speaker Michael Clayton

*(Further information IIT Research Institute, 10 W 35th Street, Chicago, Illinois, USA)*

### ORGANIZATION, INFRASTRUCTURE AND MANAGEMENT IN THE 1990'S

Place London, England

Date May 13-14, 1974

Topics new company statutes, social accountability and employee participation, new and developing management methods, information technologies, Europeanism and internationalism

Information from *Futures*, vol 6, 2, April 1974, p 180

*(Further information Ian Priban, 90 Portland Road, London W11 4QL, England)*

### RATIONALIST PRESS ASSOCIATION 1974 ANNUAL CONFERENCE THE CHANGING ROLE OF WOMEN IN SOCIETY

A conference organized by the Rationalist Press Association

Place St Peter's College, Oxford, England

Date September 13-15, 1974

Information from *New Humanist*, vol 89, 10, February 1974, p 352

*(Further information Rationalist Press Association Ltd, 88 Islington High Street, London N1 8EN, England)*

### SCIENCE FICTION FANTASY AND FACT

A course held at the Kean College of New Jersey

Place Union, New Jersey

Date May 17-18, 1974

Director Howard Didsbury

Guest speakers Isaac Asimov, Frederik Pohl, Harlan Ellison, Thomas

## EVENTS

*meetings, courses, lectures, exhibitions, etc*

D Claeson

Information from *World Future Society Bulletin*, vol VIII, 1, January 1974, p 3

### SECOND INTERNATIONAL CONFERENCE ON SOCIETY AND ENVIRONMENT IN TRANSITION WORLD PRIORITIES ASSESSING GOALS, PERFORMANCES AND STRATEGIES OF PUBLIC ACTION, AND FORECASTS OF DOOM AND HOPE

An international conference organized by the Center of Integrative Studies under the auspices of the American Division of the World Academy of Arts and Sciences

Place New York, USA

Date May 1974

Information from *Futures*, vol 5, 6 December 1973, p 604-605

*(Further information Office of the Secretariat, Center for Integrative Studies, State University of New York, Binghamton, New York 13901, USA)*

### SUMMER COMPUTER SIMULATION CONFERENCE

Place Houston, Texas, USA

Date July, 9-12, 1974

### THE SECOND GENERAL ASSEMBLY OF THE WORLD FUTURE SOCIETY

An international conference sponsored by the World Future Society

Place Washington D C USA

Date June 1975

*(Further information World Future Society, 4916 St Elmo Avenue, Bethesda, Washington, D C 20014, USA)*



EVENTS

*meetings, courses, lectures, exhibitions, etc*

TOWARDS A COMMUNITY POLICY ON ENVIRONMENT

A symposium organized by the College of Europe  
Place Bruges, Belgium  
Date May 16-18, 1974

*(Further information Secretariat of the Symposium, College of Europe, Dyver 7, B-8000 Bruges, Belgium, tel 050-36562)*

URBAN DEVELOPMENT MODELS

Place Cambridge, England  
Date July 22-26, 1974  
Topics modelling theory and applications (Chile, Caracas, Barcelona, Athens, Lisbon, Tel-Aviv, Stockholm, The Netherlands)  
Information from Futures, vol 6, 2, April 1974, p 180

*(Further information, Mrs M Houston, Land Use and Built Form Studies, University of Cambridge, 16 Brooklands Avenue, Cambridge, England)*

DATE	THEME	PLACE	ORGANIZERS
1974 May 4	<i>Colloquium on Mathematics in International Relations</i>	Bucharest (Romania)	Laboratory for Prospective Research, University of Bucharest
6-11	<i>Society and Environment in Transition-Second International Conference</i>	New York (USA)	American Division of the World Academy of Arts and Sciences and New York Academy of Sciences
13-14	<i>Organization, Infrastructure and Management in the 1990's</i>	London (England)	
13-15	<i>City Planning and Distribution to Serve Man of Tomorrow, 4th World Congress</i>	Rome (Italy)	International Association Town-Planning and Distribution
16-18	<i>Towards a Community Policy on Environment</i>	Bruges (Belgium)	College of Europe
28-30	<i>5th Annual Conference of the International Simulation and Gaming Association (ISAGA)</i>	Berlin (Germany)	International Simulation and Gaming Association (ISAGA)

DATE	THEME	PLACE	ORGANIZERS
	<i>Europe in 1980 Towards a New Model of Civilization</i>	Brussels (Belgium)	Societe d'Etudes politiques et sociales and Art, Vie, Esprit
	<i>Second International Conference on Society and Environment in Transition</i>	New York (USA)	Center for Integrative Studies
	<i>World Priorities Assessing Goals, Performances and Strategies of Public Action and Forecasts of Doom and Hope</i>		
30 June 1	<i>Man-Environment Interaction Evaluation and Applications</i>	Milwaukee (USA)	Environment Design Association (EDRA), School of Architecture, University of Wisconsin
June 24-25	<i>Approaches to Policy-Making in Local Government</i>	London (England)	Middlesex Polytechnic
24 - July 2	<i>L'importance de la science et de la technologie pour le developpement de l'homme incertitude de l'avenir et esperance chretienne</i>	Bucharest (Romania)	Conseil Oecumenique des Eglises
[REDACTED SECTION]			
July 9-12	<i>Summer Computer Simulation Conference</i>	Houston, Texas (USA)	
22-26	<i>Urban Development Models</i>	Cambridge (England)	University of Cambridge
August 18-30	<i>L'avenir de l'homme dans le Pacifique</i>	Vancouver (Canada)	University of British Columbia
	<i>United Nations Population Conference</i>	Bucharest (Romania)	United Nations
	<i>Conference on Science and Revolution in Contemporary Societies</i>	Toronto (Canada)	International Sociological Association
September 13-15	<i>The Changing Role of Women in Society - 1974 Annual Conference</i>	Oxford (England)	Rationalist Press Association

DATE	THEME	PLACE	ORGANIZERS
October 19	<i>Educators' Conference</i>	Washington D C (USA)	The World Future Society
1975 June	<i>The Second General Assembly of the World Future Society</i>	Washington D C (USA)	The World Future Society

### EARLY WARNING SIGNALS FINDING AND USING INFORMATION ABOUT THE FUTURE

A series of briefings, held in Miami, Florida, USA, March 19-20, 1974. Associate Professor Jay S Mendell explored the concept that a repertoire of anticipatory social and technological intelligence may aid industry to cope with newly emerging situations.

Information from World Future Society Bulletin, vol VIII, 2, February 1974

*(Further information Mrs Libia Winslow, Division of University Services and Continuing Education, Florida International University, Tamiami Trail, Miami, Florida 33144, USA)*

### IREP

The Institute of Economics and Planning (IREP) at the University of Social Sciences in Grenoble, is carrying out a research program on a theoretical analysis of scientific and technological research activities and how they integrate with the whole development of society. IREP has tried to build a relevant and interdisciplinary theoretical framework to give a temporary meaning to the facts associated with the development of these activities in French society. The following projects have contributed to tentative solutions:

- 1) Theoretical schema of a scientific and technological system and the science policy sub-system,
- 2) The analysis of social change through a definition of the "social reproduction" concept;
- 3) The identification of social systems,
- 4) The analysis, based on the social reproduction concept, applied to the system of scientific and technological research in France.

The working hypothesis of this research program is that scientific and technical research has never been a socio-cultural system, but that it could now be considered as such. The work revealed that research has become an important societal activity in France (especially in the 1960s) the

basic condition of the emergence of research as a system is the advent of the dual process of "opening" and "closing" research towards the rest of the society

*(Further information P Mallein – IREP – IPEPS, University of Social Sciences, Grenoble, France)*

#### RESEARCH PROJECT

The National Science Foundation, together with the Futures Group, is sponsoring a research project on the State of the Art and Needs for Research in the field of futures research

#### ANNO 709 p R

RAPPORT FINAL DE LA CONFERENCE DE PROSPECTIVE DE LA NOUVELLE SOCIETE HELVETIQUE *(Final report of the conference on perspectives of the Nouvelle Société Helvétique)*

Output of a working group whose aim was to deal with Switzerland's future problems, keeping in mind the structure and form of the political, economic and social behaviour, both in the international and national context. The work has been carried out on an interdisciplinary basis and centered on man.

The report has been published in various languages

*(Further information Nouvelle Société Helvétique, 4500 Solothurn, Hautgasse 70, Switzerland, tel 065-25621)*

#### COMPUTERS AND OPERATIONS RESEARCH AND THEIR APPLICATION TO PROBLEMS OF WORLD CONCERN

A new international journal devoted to the application and applications-related developments of operations research

It is designed to provide a forum for the application of operations research. It is intended to be of use to operations research practitioners and operations research users in many fields. The journal will also contain tutorial papers, reviews of books and papers published elsewhere, short articles and information on meetings likely to be of interest to readers.

Edited by Samuel J Raff, Raff Associates Inc, Silver Springs, Md, USA. Published by Pergamon Press Ltd, Headington Hill Hall, Oxford OX3 0BW, England

#### FUTURE

Published by the Johns Manville Corporation of Denver, Col, USA. A new magazine dedicated to the events of today that will influence

*recent or in press*

man's social, economic and business life style of tomorrow The first issue has an introduction by Isaac Asimov on "The City of the Future" Information from World Future Society Bulletin, vol VIII, 1, January 1974, p 4

*(Further information Edward R Lipuma, Manager of Publications, Johns-Mancille Corporation, Greenwood Plaza, Denver, Colorado, USA)*

#### **FUTURE ROLE AND STATUS OF WOMAN IN POST-INDUSTRIAL SOCIETIES**

Author Anne Jaumin-Ponsar  
To be published at the end of 1975

#### **INDIA, 2000 A D A FRAME-WORK FOR SURVIVAL**

Author J C Kapur  
This is the mimeographed document of a lecture held by J C Kapur at the India International Centre, January 17, 1974, in the series "Sign-Posts for the Future"

*(Further information Kapur Solar Farms, Bijwasan-Naja-garh Road, P O Kapas Hera, New Delhi - 110037, India)*

#### **INOVA 73**

**CONFERENCES PRONONCEES AU COURS DE LA PREMIERE SEMAINE MONDIALE DE L'INNOVATION** *(Conferences organized on the occasion of the First World Innovation Week)*

This publication deals with 19 conferences on a technical basis organized within the First World Innovation Week Published by Eyrolles Editeur, Paris, June 1973, p 288

*(Further information Eyrolles Editeur, 61 Boulevard Sant-Germain, 75240 Paris, Cedex 05, France)*

*recent or in press*

#### **KOMMUNIKATION UND DIE ZUKUNFT DER BILDUNG**

Author Henry Cassirer  
To be published by Deutsche Verlagsanstalt, Stuttgart, 1974,

#### **LA POLICY-SCIENCE COMME APPROCHE NOUVELLE DU SYSTEME POLITICO-ADMINISTRATIF** *(Policy Science, New Approach to the Political-Administrative System)*

Author Anne Jaumin-Ponsar, with comments by Harold Linstone, Y Dror, B Cazes  
To be published by Molitor, France, 1974

#### **MAN-MADE FUTURES – READINGS IN SOCIETY, TECHNOLOGY AND DESIGN**

Authors Nigel Cross, David Elliott and Robin Roy  
Published by Hutchinson Publishing Group Ltd, London, October 1974, p 352

The course reader contains approximately thirty articles or extracts from recent books dealing with the relationship between technology and society and in particular with the function of design in that relationship The first section deals with the effects of technology in industrial society, with criticisms of modern "technocratic" society, and with concepts of future "post-industrial" society The second section is concerned with newly emerging mechanisms for the social choice of technological change, such as futures forecasting and simulation, and community participation in planning and design The third section is concerned with the processes of innovation and design and with movements towards such concepts as "humane" or alternative technologies

The reader will form an essential and integral part of the central sections of Course T262 – Man-Made Futures Design and Technology Contents Section 1 technology and society, technology and industrial society, technological change, the technocracy, post-industrial society and

*recent or in press*

the future, Section 2 policy and participation technology assessment and technological forecasts, participation and the professional, the participatory democracy, Section 3 design and technology, the design activity, the technological fix, design responsibility, technological alternatives

*(Further information Hutchinson Publishing Group Ltd, 3 Fitzroy Square, London, W1, United Kingdom)*

### METHODOLOGY OF EDUCATIONAL FUTURISM

Edited by J A Culbertson and J R Yates

To be published by McCutchan Publishing Co, Berkeley, 1974

### PROGNOZA

#### PROGRESE – DIRECTII – TENDINTE

The third issue of 1974 includes contributions by Mihai Botez, Paul Dimitriu, Mariana Celac, Adrian Vasilescu, I T Aladiev, V A Baum, G A Gard, I N Malevski, Michael A G Michaud, A Ch Ieraliev, a forecasting dictionary, bibliography and news items

*(Further information ICIDSP, Str Gutenberg 3-bis, Secotr 6, Bucharest, Romania)*

### SCIENCE-FICTION STUDIES

A new journal devoted primarily to substantial articles of a critical, historical, theoretical, or bibliographical nature

Edited by R D Mullen of Indiana State University and Karko Suvin of McGill University, Montreal

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

*(Further information Elaine Kleiner, Managing Editor, Department of English, Indiana State University, Terre Haute, Indiana 47809, USA)*

*recent or in press*

### SHAPING THE FUTURE

Authors Andre Courmand and Maurice Levy

Published by Gordon and Breach, 1973, November 1973, p 314

Presents the concepts of a well-known group of futurologists for technological economic and sociological forecasting and predetermining future events

Information from Publishers Weekly, vol 204, 21, November 19, 1973, p 314

### SOCIO-ECONOMISK FUTUROLOGI

Author Ake Telldahl

Published by Stockholms Universitet, Nationalekonomiska Institutionen, Stockholm, in Swedish, p 734 (English summary p 160)

The bi-duality principle is taken as the starting point of this study, basically developed in three interdependent frames. The first has been called "the people's rights", the other two are political economics and industrial relations. The general problem is considered from the view point of a nation, a concept with a past and, possibly, a future. Related to these three frames is the problem of feasible transformations with relevant invariance properties. The question asked is whether the classical Galilean transformation is a feasible foundation for this study or not. The conclusion is that, under certain limiting conditions, it can be an allowable approximation, but that, in a culture under the impact of heavy technical change, it is found to be systematically biased and risky. Closely related to this problem is the question of the observation and control as seen from an objective plane. Based on the principle of bi-duality, a theoretic accounting system and two sets of socio dynamics models, dealing with these problems, are developed for prognostic purposes. This model (called S E Ph model as far as the whole study is concerned, and S D P model as far as the summary is concerned) is related to the S N A model of the United Nations (S E Ph stands for a Socio-Economic-Physical accounting system for pro-

gnoses, and S D P stands for a socio-dynamic model for prognoses, the S N A is part of both of these interrelated systems

The three fundamental parameters in the system are population-labour, capital (real and/or financial) and land

A diacoptical methodology reduces the large nature of the model to a computable tabular form Human labour or human capital is considered as a two-dimensional capital on the objective plane, a notion derived from the bi-duality principle

*(Further information Mr L G Ake Telldahl, Svetsarv 13, L75 73 Jarfalla, Sweden)*

### THE FUTURE OF CITIES

Edited by Andrew Blowers, Chris Hamnett and Philip Sarre Published by Hutchinson Publishing Group Ltd, London, April 1974, p 320

The reader edited for the second level course DT 201, relates specifically to that section of course DT 201 Urban Development of the Faculties of Social Sciences and Technology at the Open University, which deals with "The Future City", and is mainly concerned with the two themes "what is happening to the city?" and "what can we do about it?"

The book contains important readings, mainly dating from the last fifteen years, but also taking in speculations by earlier writers, which supply the background to the definition of those choices which have to be made now in order to determine the physical and social form of the city in the future

Contents general introduction, the future city as seen in the past, trends and constraints, future urban forms, planning the future city, life in the city of the future

*(Further information Hutchinson Publishing Group Ltd 3 Fitzroy Square, London W1, United Kingdom)*

### THE HUMANIST

Published six times a year for the American Humanist Association and the American Ethical Union

Editor Paul Kurz

The Humanist attempts to serve as a bridge between theoretical philosophical applications of humanism to ethical and social problems

*(Further information The Humanist, 923 Kensington Avenue, Buffalo, New York 14215, USA)*

### THE PLAN FOR AN INFORMATION SOCIETY A NATIONAL GOAL TOWARD YEAR 2000

issued by Japan Computer Usage Development Institute, P O Box 122, Kasumigaseki Building, Tokyo, Japan

The report says that Japan should change its goal from industrialization to informationalization to prevent social and economic problems, such as pollution and congestion in urban areas

A new information society will bring about a general flourishing state of human intellectual creativity by the year 2000

Information form World Future Society Bulletin, vol VII, 5, May 1973, p 4

### THE STUDY OF THE FUTURE AN AGENDA FOR RESEARCH

Edited by Mayne I Boucher

### UP-WINGERS

Author F M Esfandiary

Published by John Day, 1973

This book is full of stimulating, original ideas on communication, "universal citizenship", transcendence through space travel, and immortality

*recent or in press*

Several new words are introduced in the language  
Information from Synergy Access, 67, August 1973, p 7

**WORLD TRENDS AND ALTERNATIVE FUTURES**

Authors John McHale and Magda Cordell McHale  
To be published by The East-West Center, Honolulu, 1974

*future bearing news*

**1**

The Syncon technique has been tried in several parts of the US, and plans are now being developed to try to hold a SYNCON in every State during 1974-75

*(Further information Jerry Glenn, Syncon, 2325 Porter NW Washington, D C USA)*

**2**

SCENARIOS FOR CHANGE SEMINARS, a realistic, proven approach to people's development in this new age of "affluent scarcity" It eliminates fear and mistrust of the future which so often handicap otherwise creative, productive people Participants are furnished with the information and skills necessary to become and remain adaptable in our constantly reshaping environment

Scenarios for Change Seminars use various techniques and procedures including verbal presentations, audio-visual materials, resource material for participants, living history discussions based on current news, simulation games, role-playing situations, cluster group discussions, examining specific trends in areas of participant interest, construction of personal folders outlining each person's alternative futures, individual presentations at the conclusion

This procedure list is kept flexible to respond to the participant's desire as long as his objectives are being attained

Scenarios for Change Seminars are designed for specific situations and needs However, these are four basic structures one-day workshop, one- to three-hour workshops, half-day workshops, two-day "experience in change" Variations or combinations of these time sequences may be arranged

*(Further information Ella Mae Howey and Ass., 12700 Shaker Blvd 512, Cleveland, Ohio 44120, tel 216-991-6848)*



**COMMENTS ON MEMORANDUM 8**

While most of the unsatisfying features of the conference which you describe in Memorandum 8 were, I think, unavoidable, given the conflict between the limitations of time and language and the diversity of participants, I would like to make a few comments concerning the organisation of the conference

My feeling is that you make a very noble attempts to set up a participatory framework, but that this either went too far or not far enough. Too far, because I found that my most rewarding contacts and conversations took place in informal settings rather than in working groups. Not far enough, because I feel that the working group system could have proved more successful had it been more flexible and the structure of the groups determined by the participants at Frascati itself. There could have been the opportunity for groups to be formed on site to deal with specific areas of common interest which might diverge from the original conference themes, to select their own leader, etc — in fact, the sort of process which Maruyama argued for in his excellent conference paper. Otherwise, I think that a period of group dynamics work would be necessary to get groups functioning at all well, this might be worth considering for the future too

Ian Miles

**A SPIDER WEB OF FUTURISTS**

Pierre Teilhard de Chardin coined the idea of a "noosphere", that invisible fabric that is woven around the globe and that causes a man to know a faraway colleague better than his next-door neighbour

IRADES took the laudable initiative of creating a "noosphere" for future oriented scientists and laymen. Yet, to my chagrin, very few of my overseas colleagues seem to take advantage of this spider web to exchange information voluntarily, raise issues and confront each other with challenging ideas

This then is an invitation for those readers of the Newsletter who, like the undersigned, are intrigued by future development patterns and processes of Asia, Latin America, and Africa, to follow the route of IRADES' spider web — that is, to take up the pen spontaneously and send each other flashes of new insights, new information and new methodology in the area of our search and research

Andre van Dam  
Cerrito 866  
Buenos Aires  
Argentina

I am a doctoral student at the MIT Sloan School of Management, with a major in Future Studies, and a formal relation with MIT's Division for Study and Research in Education. My general research concern is with the process of "working" into the long-term future understanding and to the extent possible managing the kinds of changes which do occur in institutions and social systems over the middle and long term in a changing environment. My dissertation will center on change in some aspect of the higher education system in the United States. My previous work includes some time at the Institute for the Future and MIT's Center for Policy Alternatives, with which I am still associated

Stephen C Ehrmann  
Center for Policy Alternatives, MIT  
Cambridge, Massachusetts 02139, USA

Readers are kindly requested to notify us of changes of address, whether temporary or permanent. If the address we have for you is wrong, please let us know. Or if you are planning to move, we ask you to advise us in good time.

### **MINUTES OF THE GENERAL ASSEMBLY OF THE WORLD FUTURE STUDIES FEDERATION, PARIS, UNESCO, MARCH 29 AND 30, RECEIVED FROM WFSF**

The list of participants contains annex 1.

Bertrand de Jouvenel opened the assembly with a short history of future research after the Second World War, especially noting the efforts by Robert Jungk and Johan Galtung to achieve global cooperation among different centers and groups.

Dr. Passman, Director for Scientific Affairs UNESCO, addressed the assembly on behalf of Director-General Maheu, stressing the importance of strong ties between UNESCO and WFSF.

Ossip K. Flechtheim/Berlin chaired the PANEL session March 29 "Science facing social needs", with the participants Horst Rittel/Berkeley, Eleonora Masini/Rome, Albert Beer/Paris, Gerhart Bruckmann/Vienna, Pavel Apostol/Bucharest, Johan Galtung/Oslo.

Reference was made in the discussion to Circular Letter 21 and the Rome Special Conference of Futures Research.

On the basis of a presentation by Johan Galtung on the Inter-University Centre of Postgraduate Studies in Dubrovnik, the General Assembly of WFSF welcomes this initiative and elects a planning committee for the Dubrovnik project with the following members: Johan Galtung, Robert Jungk, Eleonora Masini, Anthony Judge, Gerhart Bruckmann, Pavel Apostol, A. Beer, Florian E. Winter and John McHale. It will be the task of the Dubrovnik committee to design and develop new models for future research courses which can be transferred to other parts of the world.

With reference to Pavel Apostol's open letter of January 24, 1974, General-Secretary Menke-Gluckert gives a report on events since the Bucharest conference (see annex 2) (\*).

By a motion of Axel Horhager, seconded by Klaus Repenning and se-

(\* ) Already published in the previous Newsletter n 17

veral others, the General Assembly voted that the Continuing Committee of the World Future Research Conferences and the Provisional Bureau of WFSF have effectively fulfilled their task assigned by the Third World Future Research Conference in Bucharest, and ceased their functions. The Provisional Bureau resigns.

H. Wentworth Eldredge and Bogdan Suchodolski are elected chairmen of the assembly.

The following names were nominated for election to the Science Council (Conseil d'administration):

Antoine (F), Sam Cole (GB), Apostol (R), Bruckmann (A), Flechtheim (D), Siciński (PL), Masini (I), Robert Jungk (A), B. de Jouvenel (F), Stafford Beer (GB), Joel de Rosnay (F), Edgar Morin (F), John Platt (USA), Axel Horhager (CH), Jan Tinbergen (NL), Stefan Nowak (PL), Andrzej Siciński (PL), Suchodolski (PL), Kojarov (Bulgaria), Bruno Fritsch (CH), Wusteneck (DDR), Sulc (CS), Hanappe (F), Jaumin (B), Ferrari-Toniolo (I), Polak (NL), Poremsky (F), Malita (R), Iyengar (India), Ghabbour (G), Gerhard Kocher (CH), Olaf Grande (N), Botez (R), McHale (USA), B. v. Steenberg (NL), Friedman (F), Churchman, West (USA), Eldredge (USA), Wiener (USA), Repening (D), Rutkevich (USSR), Freemann (GB), Nadal (Mexico), Ndeti (Kenya), Nakayama (Japan), Nwa-Chil (Tanzania), Dror (Israel), Galtung (N), Menke-Gluckert (D).

By proposal of the chairman, all those nominated were elected by the assembly under the following provisions:

- 1) The Secretary-General will determine whether all those nominated are willing to fulfill their membership duties,
- 2) Everyone nominated will be asked whether he is willing to accept the nomination,
- 3) Only if 1 and 2 are answered in the affirmative, names will be kept on the Science Council's list of members,
- 4) The election is only for one year.

According to Article 6 of the statutes, Pavel Apostol and Johan Galtung were nominated as candidates for President of the Federation (the President also serves as chairman of the Science Council).

In a secret ballot, Johan Galtung is elected President with 21 votes (Pavel Apostol won 19 votes).

Pavel Apostol is elected Vice-President. The General Assembly plans to elect four other vice-presidents later.

The General Assembly regrets very much that Futuribles Internationales had to give up its present headquarters at the Maison Internationale, 52 Rue des Saints Peres in Paris. Therefore WFSF will not be in the happy position to make use of the hospitality of Futuribles Internationales and must also give up its permanent office in Maison Internationale. The new address of Futuribles Association Internationale will be c/o Maison des Sciences de l'Homme, 54, Boulevard Raspail, 75270 Paris, telephone 222-23-49.

The General Assembly thanks its founding president Bertrand de Jouvenel and Futuribles Internationales for its assistance, cooperation and warm friendship in getting WFSF off the ground. The General Assembly welcomes the offer by Anthony J.N. Judge to use the Union des Associations Internationales, 1 Rue aux Laines, Brussels 100, as temporary letterbox address (for not longer than three months) until a permanent accommodation for WFSF has been found.

The assembly elects Eleonora Masini as chairman of the program committee and members of the program committee: John McHale, Christopher Freeman, Yehezkel Dror, Alejandro Nadal, Andrej Siciński, Mardhur Iyengar.

The assembly elects as members of the credentials committee: Kocher, Suchodolski, Ghabbour and Antoine as chairmen. Serge Antoine is also asked to be the "porte parole" of the Federation. The credentials committee will have as its main task to prepare within one year a list of 60 members of the Science Council which will represent all important future research organizations and centers and reflect the global character of the organization.

The assembly notes with interest and support a pilot project by Horst Rittel in new forms of cooperation and communication (Annex 3) and transfer this proposal to the program committee to prepare within

three months an action program for model communication, which could possibly be carried out by the World University in Dubrovnik, in cooperation with future research centers

The assembly votes affirmative on resolutions concerning support of

- ecological research (annex 4),
- sharing of experiences among future research action groups in government (annex 5),
- regional and local focal points of future research (annex 6),
- establishment of social experiments documentation (annex 7)

and

- an exposition in teaching methods in future research in 1975 (annex 8)

President Johan Galtung adjourns the General Assembly

Johan Galtung opens the first meeting of the Science Council and asks permission to consider this as an open meeting

Permission is given by the Council members

The Council elects the following members of the bureau Johan Galtung, Pavel Apostol, Eldredge, Dror, Iyengar, Masini, Suchodolski, Antoine, Peter Menke-Gluckert

The Bureau members elect Peter Menke-Gluckert Secretary-General

The President adjourns the meeting of the Science Council March 30 at 3 p m

(Johan Galtung)  
President of WFSF

(Peter Menke-Gluckert)  
Secretary-General of WFSF

## ANNEX 1

Participants in General Assembly WFSF Paris March 29 and 30  
Malsot, Pocock, PH J, Pierre Piganiol, André Barsony, Massimo Brighi, Kormos, Jean Claude Stack, Renee-Marie Croose Parry, A J N Judge, Gerart Bruck

mann, O,K Flechtheim, Robert Jungk, Nicolaus Sombart, Bart van Steenbergen, Merete Mattern, Eleonora Masini, Klaus Rothgaenger, Hughes de Jouvenel, Johan Galtung, Pietro Ferraro, Axel Horhager, Ruth Jungk, Uwe Karsten Petersen, D Malkin, F de Torraronier Figlitt, E Lauppe, Denise Boisot, Carlos Sanchez-Reyes, Horst Rittel, Gerhard Kocher, E Kjelland-Fosterud, Orld Grande, H W Eldredge, A T Kojarov, Serge Antoine, A Neff, Anne Jaumin-Ponsar, V Poremsky, Heinz Busch, Klaus Repenning, George Gueron, Paul Hanappe, Andrea Ferrari-Toniolo, Sam Cole, Johan Galtung, Bogdan Suchodolski, Vincent Labeyrie, Henri Bianchi, E Hanappe, Andre Fastie, Andre Barsony, Keichi Oshima, Raymond Georis, F Letailleur, Jacques Durand, Ingemar Lindhofen, L Ingelstam, Perez Lopez Carlos, Claude Du Pont, Philippe Barret, Gilles Lamberg, Daniel Lambert, James Wellesley-Wesley, Pavel Apostol, Knut F. Samset, Pietro Pace, Vip Landergren, Ivan F Klimes, Assen Kojazov, John Pasworth, Marcin Swiecicki, Velchko S Dobrianov, C Ducot, Alberto Naef, Yona Friedman,

## ANNEX 3

Pilot project in new forms of communication and cooperation presented by Horst Rittel, University of California, Berkeley

The Institute of Urban and Regional Development at the University of California, Berkeley, and the Institut fur Grundlagen der Planung of the University of Stuttgart are conducting a pilot project in cooperation with the United Nations Environmental Programme (UNEP), with headquarters in Nairobi

The two universities invite WFSF to co-sponsor this project and offer "action participation" to its members

*Intent of the project*

Hypothesis it is advantageous for persons, groups and institutions facing similar or related problems of planning, policy making and scientific exploration to know of each other and have the opportunity to communicate or cooperate with each other

This project wants to explore some modes of organization which might be suitable to establish a discourse, the exchange of mistakes made and exchange of practical experience over geographical distances, across disciplinary or jurisdictional boundaries

To accomplish this end, a worldwide network of so-called "communication focal points" has been proposed to serve as switchboards or transfer agents for establishing such communication links and to provide the fora for resulting discourses which, in turn, will motivate and stimulate problem solutions

#### *State of project*

At present, two such focal points are operating on a pilot basis, one in the San Francisco Bay Area, one in the Stuttgart Area. Other areas have expressed their interest in establishing similar focal points. The pilot focal points maintain inventories of the problems dealt with in those areas, their state of treatment, persons and institutions involved in them.

To begin with, the exchange has concentrated on issues of the relationships between energy supply, urban transportation and environmental protection. A preliminary manual for establishing, using and operating such focal points has been prepared and is being used.

Further information is available on request.

#### *Plans for the next phase*

- to continue the operation of the pilot focal points and to support further development of the network

- to use the network concept for establishing a worldwide discourse about

"Science facing social needs", with support by all members of WFSF, utilizing and testing new modes of communication among dispersed and diverse participants. In particular, an attempt shall be made to make use of the argumentative model of the planning and decision making process.

A preparatory seminar is intended to be held at Berkeley in the early

summer of 1974.

Future research is defined in this project as establishing a rational discourse on future problems, thus preparing future decision agendas.

#### ANNEX 4

Decision of the WFSF General Assembly regarding a recommendation to support *ecological research*

La Fédération est consciente du développement des recherches prospectives dans la plupart des pays du monde. Elle mesure la difficulté de certains pays et de certaines régions qui ne disposent pas toujours des équipes et des moyens matériels nécessaires. Elle s'emploiera, au cours des prochaines années, à faciliter le travail de prospective correspondant des demandes.

Elle constate d'autre part qu'à travers le monde la prospective doit pouvoir être pour le compte de milieux vivants qui ne sont pas représentés dans les institutions.

- générations à venir

- milieux vivants des océans

- espèces végétales ou animales dont certaines sont en voie de destruction.

La Fédération donnera une large priorité pour les travaux qui répondent à ces besoins urgents exprimés dans le monde.

#### ANNEX 5

Recommendation of WFSF regarding communication within international organizations

La Fédération se félicite du développement des cellules de réflexions prospectives au sein des différentes organisations internationales. Elle souhaite que ces cellules puissent échanger leur expérience, éviter les double emplois et élaborer des recherches communes en tant que de besoin. La Fédération se propose de revenir en 1975, avec l'aide des Nations U-

nies, des concernations de travail inter-organisations afin notamment de les aider à inserir leur travaux a l'échelon mondial et de leur permettre de constituer à la realisation d'actions concretes d'en inserts dans un contexte regional

## ANNEX 6

Recommendation of WFSF regarding activity centers reflecting alternative futures in governments

La Federation se felicite du developement des cellules de reflexions sur les futurs alternatives et d'évaluation des finalites sociales placees au- près des gouvernements et souvent des premiers ministres ou des parlements Elle souhaite que le travail de ces cellules puisse être largement ouvert et donner lieu à des travaux de liaison notamment avec les universites et groupes de recherche La Fédération se propose de réunir en 1975 une conférence internationale reunissant les differentes cellules afin de leur permettre d'échanger au moins leurs idees sur les methodes de travail

## ANNEX 7

Recommendation of WFSF regarding the establishment of a social experimental documentation in Arc-et-Senans/France

La Federation comprend les difficultes des contrarietes voue les responsabilites de l'expérimentation sociale Toutefois, elle est consciente de ce que la prospective, en particulier celle du cadre de vie, ne peut progresser que pour autant que des experiences et des innovations en varie grandeur puissent être realisees en reference et avec la participation dans la societe dans laquelle elles s'introduisent La Federation tiendra donc un recensement permanent de celles des innovations dont on peut penser qu'elles autou vu intérêt pour en connaissance et la maîtrise des evolutions societales Un archive internationale sera tenue à Arc-et-Senans au Centre International du Futur des ces experiences

## ANNEX 8

Recommendation of WFSF regarding a permanent exposition in 1975 in the field of teaching methods in future thinking

La Federation s'interessera à l'éducation et à la formation de la sensibilite des jeunes aux problèmes du temps, de la duree et de l'avenir Elle favorisera toutes les methodes qui pourraient integre, dans l'oeil des jeunes au monde contemporain, vue dimension prospective Elle organisera en 1975 une exposition permanente des travaux qu'iront dans ce sens et lance vu appel aux éducateurs et enseignants pour que soit m x appréciée chez les jeunes vue appréhension de l'avenir et un sens des responsabilites à cet egard

## NOTE

*We have left the preceding annexes in their original version as prepared by the WFSF*

To

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From

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