



# DAFOR NEWSLETTER

SOCIAL AND HUMAN FORECASTING

by Irades - Istituto Ricerche Applicate Documentazione e Studi  
6, Via Passiello, 00198 Roma

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SUMMER 1973

*Since this is the last issue of the Newsletter before the Special Conference on Futures Research is held in Rome, September 25-30, we are publishing additional details on the Conference in answer to our readers' demands for as much information as possible on the event, its intentions and preparations, especially for those who will be unable to participate in person. We hope that the absentees will offer their collaboration by sending in their ideas and reactions and may be their contributions.*

*In the next issue of the Newsletter, we shall publish first-hand, immediate results of the Conference for a feed-back, which we trust will be richly rewarding.*

*We are pleased to announce that many Conference participants have been extremely active during the preparatory stage, and have made notable contributions to the cross fertilisation of ideas, which is indeed one of the purposes of the Conference.*

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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

Future Forum

*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 it is considered to be of particular interest and relevance to the efforts now being made to anticipate needs means appropriate goals and to our emerging world community,*

*2) an idea it is useful to exchange with others, of concerning which information is required*

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

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*Director Pietro Pace*

*Direction and editorial offices via Paisiello 6 00198 Rome Italy tel 866 346*

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Reparto Stampa GAT — via Paisiello 4 00198 Roma

### THE INSTITUTE

"is an experimental organization of the future It specializes in the art of cultural change Embryonic today, the Institute should come to its first full bloom in the 1980's and 1990's "

Non profit, educational association

It has a literary and philosophical center, it is a learning community The Institute is searching for new problem solving tools which will enable individuals, small groups and organizations to expand their own awareness of futures available to them, to systematize and rationalize their future expectations and to begin the process of long-range goal definition

The institute is carrying out this search by initiating future options or "futures" projects in small communities It hopes to combine science and art in a manner that will encourage its clients to accompany it in a quantum leap to the year 2026, some 50 years in the future

*(Further information Janet Letts-D'Ignazio Secretary, The Institute, Rock Hall Farm, Box 174, Dickerson Md 20753, USA)*

### ACADEMY FOR RESEARCH ON FUTURES

(Please correct page 128 in Social Forecasting, 1972)

Founded 1967 President Prof Thorkil Kristensen Address Vester Farimagsgade 3 D, 1606 Copenhagen V, Denmark

About forty members, scientists, inter-disciplinary New members are elected by the present ones Two projects have been completed Dr Peder Helms Danish Eating Habits in 1980 Arne Sorensen Plan for an Educational Center in the city of Herning, Jutland

(Integration and co-ordination of schools for the ages 16 19 and 19-22)

### SOCIETY FOR RESEARCH ON FUTURES

(Please correct page 129 in Social Forecasting 1972)

Founded in 1968 by same group as the Academy Open association, accepting individual as well as institutional members (Among the pres-

## ORGANIZATIONS

*aims, intentions, activities of groups*

ent members are the Danish National Railways, the Labour Party, a large number of industrial companies and many university institutes)

President Arne Sorensen

Address Skovfaldet 25, 8200 Aarhus N, Denmark

About 400 members

Projects The Future of Danish Agriculture (not completed)

Denmark, a Green Metropolis, a decentralization project, especially built by contracts with Danish municipalities

Public art in Denmark since 1945, based upon a government grant to Arne Sorensen

### INSTITUTE FOR RESEARCH ON FUTURES

(Please correct page 129 in Social Forecasting, 1972)

Founded in 1969 as an affiliate of the Academy, and specializing in futures research in industry and business. Financed by subscriptions by industrial and business companies. For the time being, about 35 subscribers

Has published books on The Future of Danish Export and The Future of Rural Areas

Periodical *Futuriblerne* (associated with *Futuribles*) Published by the Society

All three Institutes were founded by the same original group

In addition to these Institutes, all private, a Government Commission has just completed its evaluation as to a possible Government institute of future research. The Commission proposes that no such institute be founded but rather that "official futures research" be developed in the universities and other higher institutes of learning as a new dimension of their various disciplines

(Further information The Society for Research on Futures, Skovfaldet 2 S, DK 8200 Aarhus N Denmark)

## ORGANIZATIONS

*aims, intentions, activities of groups*

### SSRC CENTER FOR SOCIAL INDICATORS

Director Robert Parke

1785, Massachusetts Avenue N W, Washington, D C 20036

### WORLD FUTURE STUDIES FEDERATION (WFSF)

Final text of the charter as adopted at the conference in Paris May 26, 1973, jointly called by the Continuing Committee World Future Research Conferences and *Futuribles Association Internationale*

#### *Preamble*

After three World Future Research Conferences in Oslo (1967), Kyoto (1970) and Bucharest (1972), it is felt all over the world that ideas, hopes, proposals and commitments coming from future studies need a new organizational frame, which shall be named "World Future Studies Federation" (WFSF). As a federation, it is designed to make cooperative participation in futures studies addressed to social and human needs both possible and mutually fruitful. The main objective of futures studies is to introduce critical future-oriented thinking in all branches of knowledge and action.

Studying the future has become a necessity for everyone and is a growing practice in decision-making. The consequence of this challenge is apparent in the Bucharest Declaration of September 10, 1972, which defines the basic principles of future oriented thinking and its application.

- (1) The name of the Federation is "World Future Studies Federation"
- (2) Subject to the reservation made in Article 10 below, the Federation has its seat in Paris and is an international, private, non-profit organization according to law

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### *Par 2 – Purpose of the Federation*

(1) The purpose of the Federation is to promote and encourage futures studies and to promote innovative interdisciplinary and critical thinking among all peoples

The Federation intends to fulfil this purpose by

- serving as a forum for exchange of information and opinions, thus stimulating cooperative research activities in all fields of futures research
- planning and carrying out regional and international Futures Research Conferences
- promoting democratization of future-oriented thinking
- stimulating awareness for the urgent need of institutionalized futures studies to resolve the future problems of the world
- assisting national and international futures research activities

(2) The Federation should guarantee complete liberty in the activities and discussions of its members, among them and with the Federation To further this goal, the Federation will seek close cooperation with educational, scientific, cultural, artistic and other institutions, associations and organizations in all fields of futures studies, especially within United Nations

### *Par 3 – Membership*

(1) Members of the Federation comprise

- a) institutions engaged in futures studies
- b) qualified individual members with full voting rights according to par 5 (3)
- c) affiliate members with consulting vote, according to par 5 (6)
- d) honorary members with consulting vote, according to par 5 (6)

(2) Prospective members are invited to join the Federation by written application, including credentials and a list of major publications and futures research activities, to the Executive Board of the Federation If a member is rejected he can put his case to the General Assembly The General Assembly decides finally by simple majority

(3) Membership ends by death (in case of institutional members by dis-

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solution), resignation of membership and expulsion

(4) A member can be expelled by a two-thirds majority of the members meeting The member concerned must be given an opportunity to explain his case

(5) Membership expires by failure to pay membership fees for two subsequent budget terms

(6) The interpreting by-laws of the Federation apply accordingly

### *Par 4 – Bodies for decision making*

Decision making bodies of the Federation are the

- General Assembly of all members
- Council
- Executive Board

### *Par 5 – General Assembly*

(1) General Assemblies take place according to necessity, but at least once every two years They must be convened if requested by the Council The Chairman of the Council invites the General Assembly in writing, supplying an agenda, within three months advance notice

(2) General Assemblies have the power to pass decisions on all matters of the Federation

(3) Tasks of the General Assemblies are especially

- a) election of the Chairman of the Council
- b) election of the Council for a term of four years and its dismissal
- c) approval and discussion of reports of the Council
- d) fixing of membership dues
- e) discussion and approval of the two-year budget of the Federation
- f) election of two auditors to present an Examiners Report on the financial books
- g) amendments and changes of the Charter, which require a three-quarters majority of all members
- h) approval of the by-laws of the Federation
- i) expulsion of members according to par 3 (4)

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(4) Voting rights will be determined in the by-laws. No decision is valid with all institutional members voting against a motion or abstaining. No more than three votes can be transferred to one member.

(5) Decisions should strive for unanimity. No decision can be taken without at least a two-thirds majority.

(6) The proceedings of the General Assemblies must be recorded and signed by the Chairman of the General Assembly.

(7) Affiliate and honorary members have consulting votes. They can make proposals with regard to issues for the agenda and persons to be elected.

### *Par 6 – Council*

(1) The Council is the main decision-making body of the Federation between General Assemblies. Par 5 applies accordingly.

(2) The Council consists of a maximum of 60 persons, comprising an adequate balance between

a) representatives of future research member institutions proposed by the Executive Board and elected by the General Assembly and

b) individual scholars from all fields of futures studies proposed by national and international research associations and elected by the General Assembly.

(3) The Council has the following tasks

a) to elect the Executive Board among its members and direct its work

b) to promote workshops, regional futures research conferences and world futures research conferences

c) to provide a forum for discussion on problems of the future

d) to encourage and assist the foundation of futures studies centers

e) to prepare the by-laws of the Federation and submit them for approval to the General Assembly

f) all tasks assigned to it by the General Assembly

(4) The Chairman of the Council is the President of the Federation. The Council meets according to necessity but, at any rate, during World

## ORGANIZATIONS

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Future Research Conferences. The Council must decide, in principle, at the end of each World Future Research Conference the date and place of the next World Conference.

### *Par 7 – Executive Board*

(1) The Executive Board consists of a maximum of 15 members. Its term of office will be defined in the by-laws. The members serve on a honorary basis.

(2) The Executive Board is responsible for the entire work of the Federation within the framework set by the General Assembly, the Council and the by-laws. It prepares and carries out the working programme of the Federation. It can be supported in its functions by a secretariat and special committees.

(3) The Executive Board elects its Chairman among its members and the Secretary General from among the members of the Federation by simple majority.

(4) The Executive Board may grant exemptions from payment of membership dues.

### *Par 8 – Secretariat*

The functions and responsibilities of the Secretariat mentioned in par 7 (2) shall be provisionally defined in the by-laws pending the approval of the definite charter.

### *Par 9 – Dissolution*

Dissolution of the association needs a three-quarters vote of all members. In this case, the net assets of the Federation must be transferred to a scientific institution in the field of futures studies.

### *Par 10 – Trial period*

The charter is put into effect for a trial period of two years. After the trial period, the General Assembly shall decide by simple majority on the definite charter.

**ROBERT C BRICTSON**

Director of Research Programs, University of Pittsburgh, concerned mainly with the relationship of futures research to systems analysis and administrative planning

Information from Who is Who in Educational Futuristics, B Royas

*(Further information University of Pittsburgh, 123 Cathedral of Learning Pittsburgh, Pa 15213, USA)*

**BRONWNLEE Sands CORRIN**

Chairman of the Field Politics Center at Goucher College, Towson Teacher of courses on futures studies "International Relations 2000", Problems of Global Ecology" (1972), Science, Fiction and Futures Alternative" (1971)

Information from Who is Who in Educational Futuristics, B Royas

*(Further information Field Politics Center, Goucher College, Towson, Baltimore, Maryland 21204)*

**A BE RKELEY DRIESSEL**

Assistant to the Provost, Stanford University, interested in the comparative constraint upon imagination which differentiates scientific extrapolations from fictional science projections

Involved in short term planning

Information from Who is Who in Educational Futuristics, B Royas

*(Further information Stanford University, Stanford, California 94305, USA)*

## INDIVIDUALS

*intentions, change of address*

### JUDI DRIESSEL

Teaches science-fiction in elementary schools and other futures-oriented units

Information from *Who is Who in Educational Futuristics*, B Royas

*(Further information Fox Elementary School, Belmont, California, USA)*

### JAMES DURAN

Associate Professor at Canisius College, teaches the history of future planning and its impact on various Western governments

Information from *Who is Who in Educational Futuristics*, B Royas

*(Further information 2347 Lower Mountain Road, Ransomville, NY 13131, USA)*

### ERNEST HASS

Teaches "Science, Technology and Future World Politics" with John G Ruggie

*(Further information Department of Political Science, University of California, Berkeley, California 94720, USA)*

### RONALD L HUNT

Professor of Instructional Technology, the School of Education, California State University, San Jose Teacher of an experimental course in future studies, with Prof David C Miller

*(Further information California State University at San Jose, 125 South Seventh St., San Jose, California 95114, USA)*

## INDIVIDUALS

*intentions, change of address*

### GERHARDT KADE

Professor of statistics, interested in mathematical foundations of economic theory, economic planning and forecasting in developing countries. Became Professor of statistics and econometry at the Technical University of Darmstadt in 1966. Has been Director of the Institute for Macro and Structure Planning in Darmstadt since 1968 and Chairman of the International Institute for Peace in Vienna since 1970

Information from *The Predicament of Man*, Frimley, Inforlink, 1972

### FRITZ LIENEMANN

(former Managing Director of the Berlin Center for Futures Research) Beginning with July 1st, 1973 will be Project Director of the Urbanization Project of Plan Europe 2000, of the European Cultural Foundation

*(Further information NL Amsterdam 1007, Jan van Goyenkade, 5)*

### DAVID C MILLER

Adjunct-professor in the Cybernetics Systems Program, California State University, San Jose, and a principal in Pacific House Associates, teacher of an experimental course in futures studies with Prof Ronald L Hunt

*(Further information Pacific House Associates, 360 Bryant St., Palo Alto, California, 94301, USA)*

### HARVEY NUSSBAUM

teaches "Education in Corporate Futurism"

Information from *Who is Who in Educational Futuristics*, B Royas

*(Further information School of Business Administration, Wayne State University, Detroit, Mich 48202, USA)*

## INDIVIDUALS

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*intentions, change of address*

### MAX PAPE

teaches futuristic sociology courses, Department of Sociology and Anthropology, Illinois Wesleyan University

Information from Who is Who in Educational Futuristics, B Royas

*(Further information Department of Sociology and Anthropology, Illinois Wesleyan University, Bloomington, Illinois 61701, USA)*

## EVENTS 3

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*meetings, courses, lectures, exhibitions etc*

### ALTERNATIVE ROADS TO DEVELOPMENT IS EUROPE RESPONDING TO THIRD WORLD NEEDS?

A Conference to be held September 23-26, 1973 at St Catherine's College, Oxford Sponsored by the Society for International Development

*(Further information Society for International Development, c/o Overseas Development Institute, 10-11 Percy Street, London W1P 0JB)*

### L'APPLICATION DE LA SCIENCE ET DE LA TECHNOLOGIE AUX PROBLEMES DU DEVELOPPEMENT *(Science and Technology Applied to Development Problems)*

Place Dakar (Senegal)

Date January 1974

Sponsors UNESCO

Information from UNESCO, 642, p 15

### LES AVENIRS POSSIBLES DE L'AN 2000 *(Probable Futures in the Year 2000)*

Place Paris

Date Summer 1973

Sponsors Economie et Humanisme

Information from Economie et Humanisme, 210, May and April 1973, p 95

### IL CONTROLLO DEGLI INQUINAMENTI NEL SISTEMA PRODUTTIVO DELLA PICCOLA E MEDIA INDUSTRIA *(Pollution Control in the Production System of Large and Small Industry)*

T/N Michelangelo 25-26 July 1973 from Naples to Genoa

Study Conference of the ENAPI (National Organization for Artisans and



## EVENTS

*meetings, courses, lectures, exhibitions etc*

Small Industry), University of Bologna, Ceramics Center, Faculty of Engineering

*(Further information ENAPI, Via Vittoria Colonna, 39, Rome, Italy)*

### THE FUTURIBLE IN MANAGEMENT TECHNIQUE

Conference sponsored by the British Institute of Management with the Institute of Statisticians

London, June 14th 1973

**JOURNEES INTERNATIONALES DE CHREIOLOGIE DE GENEVE  
METHODES ET EXPERIENCES D'ANALYSE DES BESOINS INDIVIDUELS  
DANS LES DOMAINES DE L'EDUCATION ET DE LA PROFESSION**  
*(International Chreiology Meeting of Geneva Analysis of methods and experiments on needs in the field of education and work)*

Place Geneva (Switzerland)

Date 9-12 April, 1973

Sponsored by CIREC Centre International de Recherches et d'Etudes Chreologiques (International Center of Creiologique Research and Studies)

- 1) Individual needs in firms and organizations,
- 2) Individual needs of the economy,
- 3) Individual needs in education and training,
- 4) Individual needs in terms of psychology,
- 4) Creiology, cybernetics and structuralism

### THE MANAGEMENT OF OCEAN SPACE

Press Conference, Committee Room 13, British House of Commons, on Friday, June 15, 1973, at 11 00 a m

*(Further information Parliamentary Group for World Government, House of Commons, London SW 1, tel 9300034)*

## EVENTS

*meetings, courses, lectures, exhibitions etc*

### THE ROME SPECIAL WORLD CONFERENCE ON FUTURES RESEARCH 1973 HUMAN NEEDS – NEW SOCIETIES – SUPPORTIVE TECHNOLOGIES

The Rome Special World Conference on Futures Research 1973 originated from a agreement between the Continuing Committee for World Future Research Conferences and IRADES, responsible for the scientific and organizational implementation of the Conference

#### Programme

The Conference will be conducted as follows

– A critical review – prepared by Prof John McHale of the Center for integrative Studies, State University of New York, Binghamton, N Y – will provide a background for the urgent problems man is facing today and will face over the coming years in his struggle for survival and self-fulfilment. This critical review is based on these six papers, prepared by specialists

- 1) World economic development, contrasts, political inequality and interference, Dr Maurice Guernier, Doctor in Economic Sciences, formerly Counselor to the Commissariat Général du Plan (France)
- 2) Attitudes and criticisms facing the problems which have arisen during the past few years concerning the relationship between population and natural resources
- 3) Natural resources, conservations and the shape of the environment, Prof Giorgio Nebbia, Professor of Resources, University of Bari (Italy)
- 4) Technics and human culture, Prof Lewis Mumford, visiting institute professor at the Massachusetts Institute of Technology (USA)
- 5) Neither there nor then a utopian alternative to the "development" model of future society, Prof James Dator, head of the Programme in Futures Research, University of Hawaii (USA)
- 6) Assessing the possibilities and usefulness of modelling in making pol-

## EVENTS

*meetings, courses, lectures, exhibitions etc*

icies for the world system, Study Group of the Science Policy Research Unit, Sussex University (Great Britain)

– The panel will demonstrate the impact of these problems on human needs, new societies and supportive technologies

1) Man and society human needs and social needs, "tension towards and against symbiosis", the need to survive, causes of the increase in conflict as polarised between the individual and the group, etc, man's difficulty in facing such conflicting demands, the relationship between food needs, etc communication needs, etc, Prof William Simon

2) Man and society human needs and social needs, towards "harmony between man and his natural context and between man and man" and towards an understanding of the society in which the system is determined by mutual interdependencies, Dr Jan Strzelecki

3) The new principle symbiosis owing to heterogeneity, an old principle unit by similarity Toward the generation of quality of life configurations, Prof Magoroh Maruyama

4) We are moving towards the need for a great transformation in man's evolution, in this process all people must take part to determine their own needs and to develop their own fulfilment, Dr Eleonora Barbieri Masini

5) Alternatives to the Eastern and Western social models as offered by the countries of the South common elements, different roles, different functions, Prof M S Iyengar

6) Man's impact on technology, alternatives to existing technologies old technologies reformed, intermediate technologies, innovative technologies, Prof E F Schumacher

– The groups will explore the themes at the Conference Such explorations have already begun in the preparatory phase through contacts among the participants and an exchange of papers among the members

## EVENTS

*meetings, courses, lectures, exhibitions etc*

of each group Apart from analysing the problems under discussion, the papers advance concrete proposals These proposals will provide the subject of debate during the Conference

– Plenary sessions

On the first day of the Conference (26 September) the groups will meet to clarify their positions and select the points of controversy which they will present at the first plenary session (27 September) in the form of questions put to the other groups

They will then submit the results of their work to the second plenary session (28 September, morning) and their proposals to the third plenary session (29 September, morning)

These proposals will be presented to the public as guidelines for subsequent work to be carried out by specialists and others

In short, the programme constitutes a continuous feedback between the groups and the plenary sessions and vice versa, for the purpose of arriving jointly at concrete proposals

### *Groups*

1st Alternative concepts of human development, including personal development presentation of images and conceptualisations of persons whose development depends not only on food needs, etc, but also on communication, interpersonal relationships, etc

2nd The need for man to accept responsibility for what is required of him by social institutions, and the need for institutions to become true facilitators in the man-society interaction

3rd Meta-scenario of alternative quality-of-life models, new societies based not only on the feasible but also on the desirable

4th Art as an indicator of the future and as a means for the development of man's creativity

## EVENTS

*meetings, courses, lectures, exhibitions etc*

5th, 6th, 7th The participation of all people in man's evolutionary transformation the emergence of diversities and similarities (to be prepared jointly, but developed separately in the final months preceding and during the Conference)

5th The participation of all people in physical and ecological survival

6th The participation of all people toward their self-realisation through communication, the present state, potential advantages and disadvantages of the "holistic" approach in the study of systems and the development of communications facilities

7th Participation of all people in human development, understood as the integral development of man on the individual and societal level, religion as a human need and as an integrative factor in human relations, other possibilities of integration

8th The presentation of alternative social models by countries of the South and the possibilities of common elements with diverse roles and diverse functions

9th Blueprint for a new technology old technologies revised, intermediate technologies, innovative technologies, revolutionary technologies, new technological systems, communications technologies

### *Evening groups*

Structured groups at the request of participants

- 1) The possibilities and utility of global models,
- 2) Sensitivity group intrapersonal communication as a way to a more intensive interpersonal communication,
- 3) Policy-making for the future

*(Further information IRADES, via Paisiello 6, 00198 Roma, Italy)*

### Synoptic table to be added to the synoptic table published in the spring of 1973 in the Newsletter's Social and Human Forecasting

DATA	TEMA	LUOGO	ORGANIZZATORI
1973			
June			
10 - 14	<i>Wide Angle View of the Future 64th Annual Conference of the Special Libraries Association</i>	Pittsburgh USA	The Special Libraries Association
16 - 28	<i>Stratégies pour le contrôle de l'environnement</i> (Strategies for environment control)	Bled Yugoslavia	Center for International Management Studies
	<i>Conferenza nazionale dell'ambiente</i> (National Conference on the Environment)	Urbino, Italy	Tecneco

DATA	TEMA	LUOGO	ORGANIZZATORI
July			
23 - 28	<i>Eighth Congress of the European Society for Rural Sociology</i>	Rome, Italy	European Society for Rural Sociology
25 - 29	<i>Les Chrétiens face a la Croissance</i>	Crehen, France	Economie et Humanisme
<b>August</b>			
26 - 30	<i>The Contemporary Metamorphosis of Religion?</i>	The Hague, Netherlands	The CISR
27 - 31	<i>Eighty-first Annual Convention of the American Psychological Association</i>	Montreal, Canada	American Psychological Association
29 - 31	<i>The Design Activity International Conference</i>	London, UK	DRS (Design Research Society), UK DMG (Design Methods Group), USA
<b>August-Sept</b>			
	<i>Nationalism, Technology and Development</i> VIIIth Regional Conference of the Pan-American Committee of the CIOS	Caracas, Venezuela	CIOS
<b>September</b>			
9 - 14	<i>3rd International Congress on Architecture and the Arts</i>		Interfaith Research Centre on Religious Architecture
25 - 30	<i>Human Needs - New Societies - Supportive Technologies</i>	Rome, Italy	Continuing Committee for World Futures Research Conference and IFADES
1973 or 1974	<i>Professions of the Future and the Future of Professions</i>	Berlin, Germany	Zentrum Berlin für Zukunftsforschung EV-ZBZ

DATA	TEMA	LUOGO	ORGANIZZATORI
1974	<i>The Application of Automatic and Computer Techniques for Planning and Management of the Hydrological Systems</i>	USA	UN/ECE Economic Commission for the Europe Committee on Water Problems
April	<i>III World Conference on Population</i>	New York, USA	United Nations, Population Division

*on going research and studies*

**ETUDE SUR L'EDITION ET LES CHANGEMENTS DE STRUCTURE DE LA SOCIETE' 1980** (*Study of the Edition and the Structural Changes in Society in 1980*)

carried out by the Battelle Research Center (Geneva)

This research refers to the EEC countries and the United States  
Information from La Lettre du Centre de Recherches Science et Vie, 6, January 1973, p 15

**A GRADUATE-LEVEL SURVEY OF FUTURES STUDIES A CURRICULUM DEVELOPMENT PROJECT**, Miller, David C, Hunt, Ronald L  
15 learning modules, "Appraising Future Reports", "Future Studies Methods", "Forecastability", "Confidence in Forecasts", "Manageability of Futures", Values and Futures"

(The final report includes a detailed, 76-page Curriculum Guide and an extensive, 95 page multi-media Learning Resources Guide Each flude will be published separately in 1973 by David C Miller and Associated The final Report is priced at 15 postpaid)

*(Further information David C Miller and Associates, 908 Fox Plaza, San Francisco, California 94102 Tel (415) 626-1775)*

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*(Further information David C Miller and Associates, 908 Fox Plaza, San Francisco, California 94102 Tel (415) 626-1775)*

**THE ALTERNATIVE FUTURES PROJECT OF THE UNIVERSITY OF ILLINOIS**, Newsletter, number 3, March 1973

*(Further information Mrs Valerie C Lamont, 252 Engineering Research Laboratory, University of Illinois, Urbana, Illinois 61801, USA)*

**THE CHANGING INFORMATION ENVIRONMENT A SELECTIVE TOPOGRAPHY**

by John McHale, Director, Center for Integrative Studies, State University of New York, Binghamton, New York 13901 Principal output of the study, "Information Technology, Some Critical Implications for Decision Makers 1971-1990" Sponsored by the Conference Board, New York, New York 1971

**THE CHANGING PATTERN OF FUTURES RESEARCH IN THE USA**

by John McHale Futures, The Journal of Forecasting and Planning, Volume 5, Number 3, June 1973 Pages 257-271 "Although mainly confined to "formal" work in the field, a recent survey of futures research in the United States does show that a considerable number of changes have occurred There have been major shifts in the orientation and focus of work being done, in the range of disciplines involved, and in the overall relationship of the field to the larger society However, the earlier assessment and its critical evaluation of the range and content of futures research remains valid in broad outline The specific differences which emerge from this second study are discussed from several viewpoints

*recent or in press*

**THE COMING OF POST-INDUSTRIAL SOCIETY**

Daniel Bell

published by Basic Books, May 1973

**CONTINUATION OF THE TYPOLOGICAL SURVEY OF FUTURES RESEARCH, US**

Sponsored by National Institute of Mental Health (period of study June 1971 - June 1972) Principal Investigator John McHale, Director, Center for Integrative Studies, State University of New York, Binghamton, New York 13901

**THE DOOMSDAY GENE**

John Boyd

published by Weybright and Talley, May 1973

The doomsday gene carries within itself a system for self-destruction. Those involved in the pattern go out into the world to mature, then destroy themselves, taking hundreds of their neighbors with them.

**ENVIRONMENT AND SOCIETY IN TRANSITION**

Proceedings of the International Joint Conference of the American Geographical Society and The American Division of the World Academy of Art and Science. Published by Annals of New York Academy of Sciences Annals, Volume 184, 1971, pages 440-449

*recent or in press*

**MAITRISER LE FUTUR**

French edition of the above. Published by Editions Albin Michel, 1973, Paris, pages 205-219

**MANAGEMENT THE LARGER PERSPECTIVE**

By John McHale and Magda Cordell McHale. Chapter 10 in the book entitled Challenge to Leadership, Managing in a Changing World by The Conference Board, Inc. Published by The Free Press, New York, 1973 (\$ 3.95)

**MANAGING THE PLANET**

Edited version of the Proceedings of the International Joint Conference of the American Geographical Society and the American Division of The World Academy of Art and Science, Environment and Society in Transition. Published by Prentice-Hall, Inc., 1972. Englewood Cliffs, New Jersey, pages 252-261. Price \$ 2.45

**PREVISIONE UMANA E SOCIALE *Utilità e modi del prevedere (Human and Social Forecasting Utility and Methods of Forecasting)***

Eleonora Barbieri Masini

Published by Edizioni Previsionali, Rome, 1973

Situation of studies in social change and social and human forecasting  
Possibility and utility of social forecasting  
Philosophical hypothesis as basis to social and human forecasting and correlated methodological hypothesis



## PUBLICATIONS

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*recent or in press*

### **HIERO'S JOURNEY A ROMANCE OF THE FUTURE**

Sterling Lanier, edited by Chilton, June 1973

This is an anti-technology message the year is 7476, a millenium after the atomic holocaust The story is set in Canada Everything has been altered forests are overrum by masters and creatures with human intelligence, manipulated by someone who tries to destroy the few remaining human beings The human mind has developed enormously A kind of civilization is preserved in scattered political religious abbeys in one of these lives Hiero, a young priest

### **PUBLICATIONS OF THE AMERICAN DIVISION OF THE WORLD ACADEMY OF ART AND SCIENCE**

(Secretariat Center for Integrative Studies State University of New York, Binghamton, New York 13901)

### **PUBLIC POLICY TOWARD ENVIRONMENT 1973 A REVIEW AND APPRAISAL**

The Continuation Committee, International Joint Conference on the American Division of the World Academy of Art and Science and the American Geographical Society, and The New York Academy of Sciences Published by Annals of the New York Academy of Sciences, Volume 216, May 18, 1973, pages 178-202

### **RELAZIONI INTERNAZIONALI METODI E TECNICHE DI ANALISI** *(International Relations Methods and Techniques of Analysis)*

Alessandro Bruschi, Umberto Gori, Fulvio Attinà  
Published by Etas Kompass, 1973

## PUBLICATIONS

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*recent or in press*

This volume was written in connection with a seminar on "Political Science, Technology and Foreign Policy", held at the Ministry of Foreign Affairs, Rome, September 26-29, 1972 Since political decisions, including those pertaining to foreign policy, presuppose a knowledge, analysis and synthesis of facts and variables, the use of "policy science" methods and techniques can facilitate the decisional process The book includes a bibliography on the major problems affecting international relations

### **SPAZIO PER L'UOMO** *(Space for Man)*

Italian edition

Eleonora Barbieri Masini

published by Edizioni Previsionali, Roma, 1973

### **SYSTEMS ANALYSIS IN PUBLIC POLICY A CRITIQUE**

Ida Hoods

Published by University of California Press, 1973

Reviews systems analytic techniques in the simulated world of the experts and in the real world

### **TECHNOLOGY ASSESSMENT IN A DYNAMIC ENVIRONMENT**

published by Gordon and Breach, 1973

Methods and applications of technology assessment for industries

*recent or in press*

**THINKING ABOUT THE FUTURE**

edited by H S D Cole, C Freeman, M Jahoda, K L R Pavitt, published by Chatto and Windus for the Sussex University Press, May 1973

A critique of The Limits to Growth The findings of the Sussex University team are more optimistic than the Meadows forecasts, although major social and political problems remain to be solved

**THE TIMETABLE PROJECT, STAGE I AN ASSESSMENT OF PROJECTED RELATIONSHIPS BETWEEN POPULATION AND RESOURCES**

Period of Study September 1, 1971 - September 1, 1972 Sponsored by National Science Foundation, Washington, D C 20550 Principal Investigators John McHale, Director, Magda Cordell McHale, Research Associate, Center for Integrative Studies, State University of New York, Binghamton, New York 13901

**TOWARDS GLOBAL EQUILIBRIUM**

edited by Dennis L Meadows and Donella H Meadows, published by Wright-Allen Press 1973

The second volume of the research project sponsored by the Club of Rome, after The Limits to Growth This is a collection of 13 papers written by members of the MIT research team, in which they enlarge on various detailed aspects of the project's global model The first section contains the paper by Forrester on the counter-intuitive behavior of social systems and a paper by Meadows describing the MIT-Club of Rome project The second section contains seven detailed papers of varying quality The final section consists of four essays of a more general nature

*recent or in press*

**THE WORLDS OF TOMORROW**

Chesley Bonestell and Arthur Clarke, published by Little, Brown, May, 1973

In 1976 a robot space probe would make a 10-year grand tour of all the planets of the solar system At that time (and not again for 171 years) Jupiter, Saturn, Uranus, Neptune, Pluto and the closer planets would be aligned The authors visualize and explain how the grand tour might work, what it might see and discover

## FUTURE FORUM

*for the meeting of people and ideas*

*This space is intended as a forum for the exchange of ideas on the future. Please write your contribution below, tear out, fold and post.*

Since 1961 I have been editing different little magazines, focused on several areas, from poetry to visionary research, from films and media to counter-culture. Right now, after a bit more than a year of making radio programs at a Buenos Aires station (rock music programs mixed with meditations on humanology and ecology) I plan to start again a few publishing ventures. No institution backs such idea and I have been always on my own, making a living as a professional journalist. The problem — as Argentina is a country of the Third World, not exactly underdeveloped but heavily paralyzed — is the need of wise future-making ideas to be spread among young students who cannot find such brain-gasoline at our disgraceful Universities. The problem is to combine the knowledge of advanced-countries researchers with the urgent needs of our people. Not on a consumerism trip but on a permanent awakening of the student's creative energies.

It's no use to imitate the myths of the affluent societies, but to generate the so much required imaginative tools for a decent future. Perhaps someone, somewhere, can be helpful in this tremendous challenge. Thanks.

Miguel Grinberg  
C C Central 1332 - Buenos Aires, Argentina

*Future Forum is intended as an exchange of ideas on the future and to this purpose IRADES is willing to favour also the direct meeting of people. To this aim IRADES offers in Rome a point of reference for those needing for their studies on the future, an address (for mail, a room for meeting others, information on Italy's studies), within its possibilities.*

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Istituto Ricerche Applicate Documentazione e Studi

6, via Paisiello, 00198 Rome, Italy

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