



SOCIAL AND HUMAN FORECASTING NEWSLETTER

by irades institute for futures research and education Roma Italy

WINTER BIS 1974

In this Newsletter of 1974, we wish to thank our readers for the collaboration they have given us during the year, enabling us to further our work of disseminating information on the latest developments in the domain of futures research. Together with our hearty greetings for the new year, we express our hope that our collaboration will become ever closer and fruitful in the future.

With this issue, we continue to publish various news items on organizations and individuals concerned with futures studies, this to supplement the information given in our Social and Human Forecasting Documentation 1975, scheduled to appear some time during the month of January.

The first introductory course given in IRADES' School for Futures Studies has been completed. We shall keep our readers informed of the progress made by this undertaking and its latest developments, and look forward to receiving your comments and suggestions.

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CENTER FOR TECHNOLOGY ASSESSMENT

Formerly Newark College of Engineering

Operates in New Jersey Institute of Technology

Aims to develop more advanced methodology for technology assessment and technology forecasting, a full program on basic and applied research in the field, and a program of education directed to college students, blue and white collar employees of state, local and federal governments, industry and the community in general through institutes, conferences and seminars, to establish a TA documentation center, to offer consultation to industry, government and community, and issue publications disseminating information in the field, to undertake research programs jointly with other institutions, and international exchange programs at both the student and expert levels

Activities study, research, conferences, training, documentation and information (a documentation center will be established at NCE so that those interested in any aspect of technology assessment and planning can use it as a source of information. The documentation will include books, papers, reports, periodicals, etc)

Major interests technology assessment and technological forecasting

Director Sanford L. Bordman

(Further information The Foundation at Newark College of Engineering, 323 High Street, Newark, N J 07102 USA)

DOCUMENTATION CENTER FOR FUTURES RESEARCH

The Free University of the Netherlands plans to establish a library and documentation center for futures research

Information from World Future Society Bulletin, August 1974

(Further information Bibliotheek en Documentatiecentrum voor Toekomstvraagstukken, Bibliotheek V U, De Boelelan 1105, Postbus 7161, Amsterdam, The Netherlands)

NEWSTART CORPORATIONS

Canada's first social invention centers, called "Newstart Corporations",

*We would like to underline that the Newsletter is not simply a means of information but a way of intercommunication a service between the people who send the information and the people who receive it
This publication is a letter through which all may communicate to all*

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

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

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

Director Pietro Pace

Direction and editorial offices via Paisiello 6 00198 Rome Italy

Administration and distribution Edizioni Previsionali via Paisiello 4 00198 Rome Italy

Annual subscription \$ 2

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aims, intentions, activities of groups

were founded in 1967 in Alberta, Saskatchewan, Prince Edward Island and Nova Scotia, under the joint sponsorship of their provincial departments of education and the federal Department of Manpower and Immigration. These corporations were set up experimentally to develop new methods of counselling and training adults. At the conclusion of this five-year project, the Department of Manpower and Immigration established a Training Research and Development Station to extend the work of the corporations on a permanent basis. The Station aims to invent practical new systems to apply to human resources development programs. It offers these courses:

life skills, how to find problem solutions necessary to managing one's life responsibly in these spheres: self-development and relating to others, coping with home and family responsibilities, in the community, and making responsible decisions for future work,

basic literacy for adult development,

mathematics and communications,

small business management,

creating a career,

generic skills

Director: D. Stuart Conger

(Further information: Saskatchewan Newstart Inc., Box 1565, Prince Albert, Saskatchewan, Canada)

intentions, change of address

GWEN BELL

Present professional activities: editor, *Ekistics*, Review on the Problem and Science of Human Settlements

Page Farm Road, Lincoln, Mass 01773, tel 617-259-9144, USA

Information from *Earthrise Newsletter* 12, September-October 1974, p 97

BETSY CHRISTIAN

Present professional activities: Speakers Bureau for the Governor's Commission on the Year 2000, Hawaii State

Cooperates with Hawaii chapter, World Future Society (president), International Society for Technology Assessment (member)

Courses: Technology and Society, Civil Engineering Department, University of Hawaii, Technology Assessment (in preparation), Civil Engineering Department, University of Hawaii

Civil Engineering Department, University of Hawaii, 2540 Dole Street, Honolulu, Hawaii 96822, USA

Information from *Earthrise Newsletter* 12, vol 2, 5, September-October 1974, p 98

Furthermore, Ms Christian is about to incorporate a non-profit educational institution to be known as Survival-Plus Institute, which will conduct futures workshops and produce future multi-media

MARGE CRAIG

Present professional activities: co-director (with James H. Craig), Center for the Study of Power

Co-author of *Synergic Power: Beyond Domination and Permissiveness*, Berkeley, Proactive Press, 1974, proposing ways in which power can be used humanely and responsibly to increase human satisfaction

Information from *Earthrise Newsletter*, 12, Vol 2, 5, September-October 1974, p 99-100

(Further information: Marge Craig, Center for the Study of Shared Power, P.O. Box 9096, Berkeley, California 94709, USA)

GASTON DEURINCK

Vice-president of the Belgian committee of the European Cultural Foundation, board director of the Fondation Industrie-Universite, Brussels, scientific director of the studies "L'Universite de demain", Brussels-Paris, Elsevier, 1974, and "A University for the Future", La Haye, M Nijhoff, 1974

Information from Bulletin d'information de la Fondation de la Culture, July 1974

DENNIS LIVINGSTON

Is joining the faculty of the Rensselaer Polytechnic Institute, Troy, N Y 12181 As a member of the Department of History and Political Science, he teaches courses in science and public policy, with a futures world-order focus As consultant on curriculum development for education in alternative world futures, Livingston helps secondary schools and colleges to initiate futures courses and integrate them into the curriculum

Information from World Future Society Bulletin, 8 August 1974

EMMANUEL G MESTHENE

Has been named professor of philosophy and dean of Rutgers University's Livingston College

Previously director of the Harvard Program on Technology and Society, Mesthene organized and headed a university-wide program of research on the interaction of technological, social, economic and political change

Information from World Future Society Bulletin, 8 August 1974

HERBERT OTTO

Present professional activities chairman, National Center for the Exploration of Human Potential, editor, The Family in Search of a Future
Information from Earthrise Newsletter 12, September-October 1974, p 105

(Further information Herbert Otto National Center for the Exploration of Human Potential, La Jolla California USA)

WILLIAM PAGE

Research on long-term problems and alternatives in

a) mineral demand, b) mineral supply-physical aspects, c) mineral supply – institutional aspects

Author of Some Issues in the Current Debate About Natural Resources, with A J Surrey, Omega, November 1974, OPEC as a Model for Other Mineral Exporters, with C Barker, Bulletin of the Institute of Development Studies, Sussex, November 1974, Mineral Trade and Future Uncertainties, with Sam Cole, World Development, forthcoming, Zero-Growth, Minerals and Uncertainties, conference paper, London, December 1974, Mineral Dependencies and Technological Moves, to be issued in Resource Policy, 1975

Course a one-term, optional course entitled Social and Technological Forecasting, at the University of Sussex, for science undergraduates

(Further information W Page, Science Policy Research Unit, Mantell Bldg University of Sussex, Falmer, Brighton, Sussex, England)

SIDNEY X SHORE

Former professional activities X-ray physicist, radio engineer, instructor
Present professional activities professor, Hofstra University, staff, State University College of Buffalo and the University of Syracuse, seminar leader, University of Waterloo, Ontario

Cooperates with Creative Education Foundation, Specialty Advertising Association International, publisher of the newsletter Creativity in Action

Author of The Creative Spiral, about 275 pages (forthcoming), bi-monthly column entitled "Creativity from My Viewpoint", in The Counselor Magazine, since 1971, Creativity Crosses All Disciplines, in Management Newsletter of the University of Waterloo, 1973, Creativity in Last-Minute Sales Meetings, in Sales Meetings Magazine
Lectures, seminars and workshops about 50 on creativity and innovation, for managers, new product developers, marketers and "presidents of corporations" groups

(Further information Sidney X Shore, 330 Maple Avenue, Westbury, N Y USA, tel 516 626 3280)

intentions, change of address

RABBI GERRY STEINBERG

Specialist in Eastern philosophies and religions, Rabbi Steinberg has done research and worked in yoga and other meditative techniques to help victims of drug abuse, he is also interested in the futurist links between science, philosophy and religion, and has written about relationships in these contexts

Information from Earthrise Newsletter 12, September-October 1974, p 105

(Further information Rabbi Gerry Steinberg, 23 Deerfield Drive, Navaho Place, Ottawa, Ontario Canada)

AKE TELLDAHL

Consultant economist and statistician

Stockholms Generalplaneberedning, Stockholm 8, Sweden

Author of Socio-Ekonomisk Futurologi, Stockholms Universitet, Nationalekonomiska Institutionen, Stockholm, Document TSGB/001

Information from 'The Matrix and Tensor Quarterly, June 1974

SALLY WOODHULL CORNISH

Present professional activities managing editor, The Futurist, World Future Society, 4916 St Elmo Avenue (Bethesda), Washington DC 20014, tel 301-656-8274

Information from Earthrise Newsletter 12, September-October 1974, p 99

GAIL ZIEGELMEIER

Is interested "in participating with all humans in the conscious design of our future"

Information from Earthrise Newsletter 12, September-October 1974, p 111

(Further information Gail Ziegelmeier, President Earth Metabolic Design Inc Box 2016, Yale Station New Haven Connecticut 06520 USA tel 203 776-4921)

meetings, courses lectures, exhibitions, etc

BI-ANNUAL WORLD CONFERENCE, WORLD EDUCATION AND THE ROLES OF WOMEN

Date January 6-20, 1975

Place India

Organizers The Association for World Education

This conference was called in connection with the United Nations' International Women's Year 1975

Plan of the conference

January 6-7 Bombay, Introduction to the culture of India and orientation to the program

January 8-12 Ahmedabad, seminars and group discussions with visits to areas of educational activity at Gujarat Vidyapith Workshops education of women in rural, village and urban areas, women's rights and population problems, women in social work and peace activities, the role of women in government and business sectors Also, on-going discussions sharing concepts in world education, learning in a cross-cultural context (January 13-19, 1975)

"Home stays" with families in north or central India to observe first-hand the role of women, or optional tours to Udaipur, Jaipur, Dephi, Chadigarh, Agra and Sanchi, meeting Indian leaders to discuss the role of women and world education in India

January 20 Return to Bombay for an exchange of experiences, departure

"This conference is directed toward world educators, government officials, organization leaders, teachers at any level, students and interested persons from all countries"

Information from Earthrise Newsletter 12, September-October 1974, p 111

(Further information Association for World Education, 3 Harbor Hill Drive, Huntington NY 11743, USA, tel 516 427-0723 or 802-257-7751)

meetings, courses, conferences, exhibitions, etc

ETHICS, RELIGIOUS FUTURISM AND THE EVOLUTION OF THE WORLD COMMUNITY, COMPARATIVE INTERDISCIPLINARY STUDIES SECTION (CISS)

A panel of the International Studies Association (ISA) annual meeting
Place Washington, D C , USA

Date February 19-22, 1975

Members of the panel and their topics

Michael Barkun (Syracuse University) The Optimism-Pessimism, Balance and Millennialism, Elise Boulding (University of Colorado) Transnational Religious Networks and National Problem-Solving Capabilities, James Laue (Washington University) Power and Community the Role of Religious Organizations, Eleonora Masini (IRADES) Macro System Model of Life Spaces, with Reference to the Evolution of the World Community, Adda Bozeman (Sarah Lawrence College), commentator

(Further information Elise Boulding, Institute of Behavioral Science, University of Colorado Boulder, Colorado 80302, USA)

POLITICA DEL FUTUR

Place Barcelona, Spain

Date December 1974

Organizers Club de Amigos de la Futurologia
with the participation of Rosa Menasanch, Luis Sentis, Ramon Sarro

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

TECHNOLOGY FORECASTING AN ADVANCED SEMINAR IN SOCIO-POLITICAL FORECASTING AND TECHNOLOGY

Winter Session January 19-24, 1975

Place Hilton Head Inn, Hilton Head, South Carolina, USA

Summer session June 15-20, 1975

Place Maine Maritime Academy, Castine, Maine, USA

Organized by the Industrial Management Center, Inc

Seminar Topics The Crisis Ahead, What Will Future Value Systems Be?

meetings, courses, lectures, exhibitions etc

How to Study the Impact of a Major Techno-Economic Change, Overview of Technology Forecasting and Socio-Political Forces, How to Design and Use Early-Warning Systems, Technology Assessment and Its Potential Impact, Forecasting Resistance to New Technology, Societal Trend Analysis and Future Planning, A Philosophical Basis for Choosing Forecasting Methods, How to Develop Alternate Futures As a Basis for Planning, Introducing Scenarios to the Firm, Environmental Analysis and Forecasting, A Comparison of Concepts, Exploring the Future Through Dynamic Models, Measuring International Political Trends, Integrating Contingency Forecasts Into Ongoing Planning, Business and Government Uses of Scenarios, Rapid Policy Assessment Through Intuitive Computer Models
Seminar staff James R Bright, Richard Davis, Gary Higginbottom, Julius Kane, Robert G Kegan, Ralph Lenz, John Platt, Theodore Rubin, Hugh Schwartz, James B Webber, Rene D Zentner

(Further information Patricia Olson, Administrative Director, Industrial Management Center, Inc 1411 West Avenue, Austin, Texas 78701, tel (512) 476 2038)

THE INTERNATIONAL COOPERATION COUNCIL'S FESTIVAL OF 1975

This annual inter-group event is designed to demonstrate publicly the need for a new universal man and civilization based on unity in diversity among all peoples The theme of the festival is "Reverence for Life A Cosmic Search"

Date January 17-19, 1975

Place Los Angeles, USA

(Further information International Cooperation Council, World Headquarters, 17819 Roscoe Blvd, Northridge, Calif 91324, USA)

A CONFERENCE ON TECHNOLOGY AND GROWTH — AN EXPLORATORY DIALOGUE ON TECHNOLOGY ASSESSMENT AND THE LIMITS TO GROWTH

Place Ottawa, Canada

Date February 4-5, 1975

meetings, courses, conferences, exhibitions, etc

Organizers The Business Planning Group, Bell Canada, Datacap Limited, Ottawa, Canada

Sponsored by The Ministry of State for Science and Technology, Government of Canada, The International Society for Technology Assessment, Washington, D C

Program first day introduction to the Conference, Beyond the Exponentials (John McHale), Technology Assessment An Overview (Walter Hahn), International Imperatives of Technology, chairman John Woods (Eugene Skolnikoff, Derek Medford, Dixon Thompson, Harold Jacobson), Cases in Technology Assessment (Michael Bedford, Wayne Boucher, Lloyd Peppard), Social Values and the Politics of Technical Change, chairman Joel Goldhar (Murray Turoff, Marvin Centron)

Second day Energy, chairman Fred Knelman (Joel Rahn, Amory Lovins, David Brooks), The Institutional Condition, chairman Clive Simmonds (Joseph Coates, Harold Linstone, Harold Green, Roger Voyer), Technology and Growth, chairman Rodney Dobell (Derek Medford, Dennis Meadows, Craig Sinclair, John McHale, Barry Hughes)

(Further information Technology and Growth, Box n 1420, Place Bonaventure, Montreal Quebec H5A 1H3 Canada)

FUTURE STUDIES

Place Dubrovnik, Yugoslavia

Date February 17- March 14, 1975

Organizers Inter-University Centre of Post Graduate Studies in cooperation with the WFSF Program Directors Pavel Apostol, Eleonora Masini Assistant program director Bart van Steenberg

Program first week, February 17-21, 1975 Developing Theory (an overview of prescriptive and predictive future studies will be given, both through a critical review of major works in the field, and reviews of new theoretical contributions)

Second week, February 24-28 Developing Methodology (following an introduction to new work in the sphere of social indicators, there will be a critical overview of current methods in futures studies Participants will be asked to help develop methods whereby the general population

meetings, courses, conferences, exhibitions, etc

can express long-term future goals, and conceive a "quality of life")
Third week, March 3-7 Strategies for the Future (using problems related to energy and alternative technologies and education as examples, general ideas on how to approach such problems will be discussed The emphasis will be put on new ways of diagnosing a problem, the importance of public consciousness and alternative experiments Participants will be asked to contribute ideas on what can be done, in what stages, by whom, what the participants themselves can do in their particular situations)
Fourth week, March 10-14 Critical Review and Constructive Outputs (the whole range of future studies will be exposed to a critical review, probing the question "Are future studies for the rich, and an instrument for the status quo?") Participants will be asked to help develop study guides, curricula, etc, on different educational levels)

Resource persons Pavel Apostol, Mihai Botez, Gerhart Bruckmann, James Dator, Paul Dimitriu, Danilo Dolci, Yehezkel Dror, H W Eldredge, Ferrar Toniolo, Yona Friedmann, Johan Galtung, Anthony Judge, Robert Jungk, Eleonora Masini, Mihajlo Markovic, Peter Menke-Gluckert, Horst Rittel, Rolf Schwendter, Bart van Steenberg

Work schedule the course is based on presentations by resource persons, followed by discussions, and on seminars organized by participants who are encouraged to bring material they want to present, Several evenings will be used for presentations and discussions in greater depth with resource persons The working language will be English, and participants are expected to write a paper during or shortly after the course if they want to obtain the Certificate of Attendance The course is held on a post graduate level, but is also open to particularly motivated students and others who have not progressed that far in their studies

General information applications should be submitted on the form available at the member universities' secretariats or the Centre Secretariat in Dubrovnik

Applications should arrive not later than January 31, 1975

(Further information Inter-University Centre of Post-Graduate Studies, Frana Bulica 4 Yu-50 000 Dubrovnik Yugoslavia)

EVENTS

meetings, courses, lectures, exhibitions, etc

THIRD ANNUAL CONFERENCE ON TECHNOLOGY ASSESSMENT

Technology Assessment in the Chemical Industry

Place Newark, N J , USA

Date June 1975

Organizers Center for Technology Assessment

(Further information Sanford L. Bordman, director, Centre for Technology Assessment, 323 High Street, Newark, N J 07102, USA)

DATE	THEME	PLACE	ORGANIZERS
1974			
November			
5 - 16	<i>World Food Conference</i>	Rome (Italy)	FAO
20 - 24	<i>Symposium on Cultural Patterns of Extraterrestrial Communities</i>	Mexico City (Mexico)	American Anthropological Association
December			
12 - 14	<i>Methodology of the Prognostics and Programming of Modern International Relations</i>	Hamburg (West Germany)	International Institute for Peace and the Institute for Politics and Economics
	<i>Politica del futur</i>	Barcelona (Spain)	Club d Amigos de la Futurologia
1975			
January			
6 - 20	<i>Bi-Annual World Conference-World Education and the Roles of Women</i>	India	The Association for World Education

DATE	THEME	PLACE	ORGANIZERS
17 - 19	<i>The International Cooperation Festival 1975 - Reverence for Life A Cosmic Search</i>	Los Angeles (USA)	International Cooperation Council
February			
4 - 5	<i>Conference on Technology and Growth An Exploratory Dialogue on Technology Assessment and the Limits to Growth</i>	Ottawa (Canada)	The Business Planning Group, Bell Canada, Datacap Limited, Ottawa, Canada
March			
24 - 26	<i>The Limits to Medicine</i>	Davos (Switzerland)	Gottlieb Duttweiler Institute
May			
21 - 14	<i>Planning for the Fourth Quarter Century</i>	San Francisco (USA)	International Affiliation of Planning Societies and the Planning Executive Institute
June			
	<i>The Second General Assembly of the World Future Society</i>	Washington D C (USA)	The World Future Society
	<i>Third Annual Conference on Technology Assessment - Technology Assessment in the Chemical Industry</i>	Newark, N J (USA)	Center for Technology Assessment
October			
	<i>Growth, Development, Quality of Life - Global and Regional Social Solutions</i>	Prague (Czechoslovakia)	International Institut fur den Frieden and Institute for International Relations, CSSR
1976			
	<i>Methods of Solving International Conflicts and Crises</i>	Frankfurt/ Main or Vienna	International Institut fur den Frieden, and Hessen Foundation for Peace and Conflict Research
	<i>International Cooperation in Solving Global Problems for Safeguarding Peace</i>	Vienna or Novosibirsk	Internationale Institut fur den Frieden and the Peace Science Society, USA, the Institute for World Economy and International Relations, or the Central Economic-Mathematical Institute of the USSR Academy of Sciences

COMITE' D'INTEGRATION DU PLAN EUROPE 2000

At a meeting June 6, the Executive Committee of the European Cultural Foundation established the Comite d'Integration du Plan Europe 2000, chaired by prof Peter Hall, director of the Department of Geography, University of Reading (U K) The members are F Gonzales Bernaldez, Department of Ecology, University of Seville, M W L Brugsma, journalist (Netherlands), J Cerych, director of the project Education (Brussels), prof U Colombo, Montedison (Milan), prof T Hagerstrand, Department of Human and Social Geography, University of Lund (Sweden) B Jensson, Department of Plannin of the Volvo Group (Sweden), prof I B K Kormoss, director of the project Agriculture (Bruges), prof J R Lasuen, president of Lasuen Asociados (Madrid), F Lienemann, director of the project Urbanisation (Heidelberg), prof Mackensen of the Technische Universitat(Berlin), P Piganol, Futuribles (Paris), G Sinclair, International Institute of Technological Management (Milan), G Stober, director of the project Industry (Heidelberg)

The Committee will elaborate the synthesis of the projects of the Plan Europe 2000 and realize the work of Europe 2000, which will be published in December 1975

Information from Bulletin d'information de la Fondation Europeenne de la Culture, July 1974, p 6

FUTURES LAB

Earthrise, Inc , a non-profit Rhode Island organization, is making available a Futures Lab Prospectus which outlines the educational assumptions, objectives, activities and resources of its program

The Futures Lab is an undergraduate program (B A or B S), stressing global/local, social/environmental design and planning to the year 2000 Contact Earthrise, P O Box 120, Annex Station, Providence, Rhode Island 02901

Information from World Future Society Bulletin, August 1974

IRADES

On December 13, 1974, the IRADES School for Futures Studies concluded its first introductory-orientative course of instruction on futures studies. A trial venture — it was the first time such instruction had ever been offered in Italy and the first time it had been given in such a broad and systematic form anywhere in Europe — the experiment yielded valuable indications for planning the subsequent courses.

The response of the participants demonstrated primarily the need for the various disciplines and professions to become oriented to the future and to acquire a working knowledge of forecasting methods and techniques if they are to collaborate constructively on an interdisciplinary basis toward the reality of the future.

Moreover, the experiment brought to light the psychological and methodological problems inherent in any interdisciplinary work oriented to the future, chiefly the difficulties arising from the wide range of value systems represented by the 24 participants. These difficulties are intrinsic to the nature of futures studies, which must put their stress primarily on alternative futures.

The course ended with a series of discussions based on the replies given in a "feedback" questionnaire, previously filled out by the participants, whose concrete contributions had been solicited in the preparation of the courses to come. Their most insistent recommendations called for a study of man's fundamental needs, a study of values basic to different futures and a series of research efforts to build scenarios for Italy and Europe. The results of these discussions have been examined by the IRADES group, which is now readying the second course, to explore and apply the material covered in the first. At the end of January, the group will discuss with the participants the program of its second course to run from 7 April to 30 May 1974 — for the purpose of molding it as closely as possible to their requirements.

The IRADES School for futures studies is hopeful that the young persons participating in its first study group will pioneer a new method of thinking and acting in terms of the future in their various disciplines and professions.

URBANIZATION PROJECT

The direction of the project carried out by the European Cultural Foundation "Urbanization" has changed its address and is now c/o Systemplan e V, D-69 Heidelberg 1, Hans Thoma Strasse 4, Germany.

To consider the future means of urban organization and the changes which will occur, three study groups have been organized, on values and aims, possibilities and limits, decisionmaking.

Information from Bulletin d'information de la Fondation Europeenne de la Culture, July 1974.

YOUTH GROUPS PREPARED FOR THE FUTURE

Towards the end of 1974, IRADES (Institute for Research and Education Toward the Future) inaugurated weekly group sessions for advanced high school students (17-18 years old) and university undergraduates (19-22 years old) to induct them into the study of the future and prepare them to cope with the increasingly rapid changes occurring in the world today and conceive a future entirely different from the present. Since the future will be shaped primarily by today's youth, they must therefore explore it and learn to make choices founded on clear, precise visions of diverse values with which to build it — not an immediate future, but one confronted and chosen with foresight and wisdom.

The 24 participants, divided into two groups, were deeply absorbed in the work and took part with considerable spirit.

AS TOMORROW BECOMES TODAY

Edited by Charles William Sullivan, Englewood Cliffs, New Jersey, Prentice-Hall, Inc, p 456, 1974

This new science fiction collection includes many examples of products and forces which are now shaping the future The readings have been selected to stimulate the imagination and direct critical attention toward the world of tomorrow

Information from World Future Society Bulletin, 8 August 1974

CREATIVITY IN ACTION

A monthly newsletter, first issued in 1972, which aims to improve creativity

Publisher Sidney X Shore

(Further information Creativity in Action P O Box 272, Roslyn, N Y 11576, USA)

EARTHRISE DOCUMENTS

ER-5 Futures Awareness

An illustrated introduction to thinking about the future (\$2)

ER-8 Futures LAB Prospectus

A statement of educational assumptions, objectives, activities and resources of the Future LAB undergraduate program (\$2)

Information from Earthrise Newsletter 12, September-October 1974, p 113

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

ENSEIGNEMENT SUPERIEUR UTILISATION DES SYSTEMES D'ENSEIGNEMENT A DISTANCE

By Robert Lefrano

Conseil de l'Europe, 1974, p 147

A review of long-distance teaching systems via radio, television and correspondence courses Such initiatives are functioning particularly in university teaching This volume analyzes the multi-media systems of instruction

recent or in press

on the university level, the experiments made and projects planned, and compares those now functioning throughout the world. Among the institutions engaged in long-distance instruction are Telescuola Italiana, Telekolleg, the Office Francaise des Techniques Modernes d'Education, the Open University in England, Funkkollege in West Germany, Conservatoire National des Arts et Metiers, University of Paris, University of Grenoble, etc. Particularly notable are the Verbund fur das Fernstudium (Association for Long-Distance Instruction) in Germany, and the Universidad Libre a Distancia (Free Long-Distance University) in Spain. The book explains the objectives of these different types of long distance university instruction, their enrollees, statutes, methods, organization and the results they have achieved.

JOURNAL OF WORLD EDUCATION

A quarterly journal for the Association of World Colleges and Universities, founded in November 1970.

Some recent issues: Population and World Education (fall 1974), The Roles of Women (December 1974), Future Studies and World Education (Spring 1975).

Subscription per year \$ 15 00

Information from Earthrise Newsletter 12, September-October 1974, p 109

(Further information Leah R. Karpen, editor Journal of World Education 3 Harbor Hill Drive, Huntington, NY 11743, USA tel 516 427 0723)

LA DIVERSIFICATION DE L'ENSEIGNEMENT TERTIAIRE

by Roselyne Crausaz

Conseil d'Europe, 1974, p 44

The role of tertiary instruction must be re-thought in terms of its methods and objectives and its place in the evolution of modern society. Criticism against traditional university education — the lack of initiative in permanent education and the lack of interdisciplinary instruction — has resulted in the development of the non university sector of higher education. This can be diversified into the binary system, or the non

recent or in press

university sector developed independently of the university sector, the development of the non-university sector linked to the university sector, the creation of a diversified integrated system, and the general development of a permanent educational system in France, which diversifies professional programs within and without the university. The first part of this report defines the diversification of tertiary instruction, its aims, means and implications. The second part illustrates the theory via concrete examples. The work group then comments on fundamental questions arising from the French experiments in this area.

L'UNIVERSITE' DE DEMAIN

by Gaston Deurinck

Brussels, Paris, Elsevier Sequoia, 1974

If the traditional university institutions continue to reject innovation and refuse to change the present system of access, the result will be failure or explosion.

According to this study, two objectives should be clearly pointed out: preparation for a profession and preparation for the non-professional segment of life. Our present system of education should be transformed into a system of training in open groups, learning should help individuals and institutions to develop the educational elements of practical life and the enormous potential of information, communication and the technology of teaching.

Universities should strive to regulate training according to the needs of society, and promote the realization of man and society.

Information from Bulletin d'information de la Fondation de la Culture, 2, 6, July 1974.

POPULATION PROBLEMS AND CATHOLIC RESPONSIBILITY REPORT OF AN INTERNATIONAL SYMPOSIUM ON POPULATION PROBLEMS IN DEVELOPING COUNTRIES AND WORLDWIDE CATHOLIC RESPONSIBILITY

Tilburg, Development Research Institute, 1974, p 248

This report publishes the papers presented at the Symposium on Population Problems in Developing Countries and Worldwide Catholic Responsibility, which served as background information for the discussions. The papers can be divided into two broad categories: the facts and problems of population growth in Asia, Africa and Latin-America, theological reflections. Also included are a statement on World Population Year by J. Singh, and the opening address, "Development and Environment Aims", in which the speaker, J. Tinbergen, attempted to reconcile the contradicting goals of the Club of Rome report and the UN Pearson Report.

(Further information: Development Research Institute, Hogeschoollaan 225, Tilburg the Netherlands)

SOCIAL AND HUMAN FORECASTING DOCUMENTATION 1975 Ideas Men, Organizations, Activities,

Compiled by IRADES, Rome, Edizioni Previsionali, 1975

This is the third edition of the IRADES directory of organizations and individuals throughout the world concerned with futures research (the first two were issued in 1970 and 1972). The information supplied is divided into three sections: organizations and individuals, in alphabetical order, their major interests, and their addresses, with small maps by continents, including quantitative data. Some 200 centers and institutes are named, together with their nationality, parent organizations, juridical status, aims, major interests, types of forecasting, periodical and non-periodical publications issued, conferences attended, educational courses offered and conferences sponsored — all between 1972 and 1974 — working groups, staffs and addresses. Also listed are some 500 individuals, with date and place of birth, former and current professional activities, areas of research, works published and unpublished, conferences attended and courses taught during the same two-year period, with the address of each.

(Further information: IRADES, Via Paisiello 6, 00198 Rome, Italy, tel 866 346/7/8)

SOCIAL INDICATORS NEWSLETTER

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ation of Research on Social Indicators Funded by the Division of Social Sciences, National Science Foundation, and directed by Robert Parke, the Center operates under the guidance of SSRC's Advisory and Planning Committee on Social Indicators, Otis Dudley Duncan, chairman. Social Indicators Newsletter, compiled by the staff of the Center, is edited by Nancy Carmichael.

Correspondence regarding the newsletter may be addressed to SSRC Center for Social Indicators, 1755 Massachusetts Avenue, N.W., Washington, D.C. 20036, USA.

TRENDER OCH PROGNOSE 1974 — BEFOLKNING, UTBILDNING OCH ARBETS-MARKNAD (*Trends and Forecasts Population, Education and Labour Market in Sweden*)

In Information 1 Prognosfrågor-Forecasting Information (8, August 9, 1974, p. 378)

Report on trends and forecasts on population, education and the labour market in Sweden, published by the National Central Bureau of Statistics Fack, S-102 50 Stockholm, Sweden, Annual subscription Sw kr 35.70 (In Swedish, with the contents also in English)

(Further information: AB Allmänna Förlagets Distribution, Fack, S-162 10 Vallingby, Sweden)

DCMA FUTURES PHONE SERVICE

Will begin operating early in 1975, 24 hours a day, seven days a week
Persons can pre-record three minute messages concerning any aspect of
the future, to be played for those calling in to the Service

DCMA regards FPS as an educational institutional advertising program
It expects to receive most FPS messages eventually from among those,
who originally call to hear messages

Everyone is invited to contribute messages to Futures Phone

Information from Earthrise Newsletter 12, September-October 1974, p 112

*(Further information DCM Associates, 908 Fox Plaza, San Francisco, California 94102,
USA, tel (415) 626-3125)*

FUTURE VILLAGE

This model of an imagined tomorrow requires artificial laboratory conditions
which approximate the values of a hypothetical village in the future The spon-
sors have established a "home base", called the Nethers Community School,
to launch the program Those persons who wish to work on this project
are invited to join the community

Information from Earthrise Newsletter 12, September-October 1974, p 100

(Further information Carla Eugster, Box 41, Woodville, Va 22749, USA)

To

IRADES
Institute for Futures Research and Education
6, Via Paisiello, 00198 Rome, Italy

From

NAME

SURNAME

ADDRESS