1980 DIRECTORY OF EXPERTS
ON
ORGANIZATION AND MANAGEMENT OF CONSTRUCTION

Prepared by
CIB W-65 COMMISSION
ON
ORGANIZATION AND MANAGEMENT OF CONSTRUCTION

Department of the Army
Construction Engineering Research Laboratory
Champaign, Illinois USA

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**1980 DIRECTORY OF EXPERTS ON ORGANIZATION AND MANAGEMENT OF CONSTRUCTION/CIB W-65 COMMISSION**

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**KEY WORDS (Continue on reverse side if necessary and identify by block number)**

construction
organization and management
experts

**ABSTRACT (Continue on reverse side if necessary and identify by block number)**

This directory identified 77 experts located in 24 countries. The biographic information on each expert includes his major areas of research interests in priority order, a description of his professional experience, his publications and honors.
FOREWORD

The Working Commission, W-65, Organization and Management of Construction, of the International Council for Building Research Studies and Documentation (CIB), has completed the compilation of the second edition of a directory of experts throughout the world on the subject of the Commission. This directory identifies 77 experts located in 24 countries. The biographic information on each expert includes his major areas of research interests, a description of his professional experience, his publications and honors.

The intent of this directory is to identify these experts to the construction community at large in order to foster the interchange among experts by providing ready access to each other who have mutual research interests. The directory can also serve as a listing of some of the most influential writings in the world on the subject.

W-65 intends to update the directory on a regular basis. Biographies of additional experts are welcomed; they should be forwarded to Dr. L. R. Shaffer, Coordinator, W-65, USACERL, P.O. Box 4005, Champaign, IL 61820, USA. Additional copies of the directory will be available at a modest charge from the National Technical Information Service (NTIS), Springfield, VA 22151, USA.

Suggestions for improving the utility of this directory are also welcomed; they should also be sent to the Coordinator, W-65.

Information on CIB can be obtained by contacting, Dr. Gy Sebestyen, Secretary General, CIB, Postbus 20704, Weena 704, Rotterdam, Holland.

L. R. SHAFFER
Coordinator, W-65

2 Feb 1981
Champaign, IL
W-65
BIOGRAPHIC INFORMATION FORM

NAME
Abrahamsson, Lars

ADDRESS
National Board of Physical Planning
and Building
Fack
S-10492 Stockholm
SWEDEN

PROFESSIONAL EXPERIENCE (positions held/when)

PUBLICATIONS
The Use of Risk Analysis to Determine the Accuracy of a Cost Estimate,
Phd Thesis

HONORS (including societies)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

Organizational Forms
Performance Criteria for Organizational Forms
Tools for Evaluating Organizational Forms
Tools for Management of Construction
Thesaurus Compilation
W-65
BIOGRAPHIC INFORMATION FORM

NAME          Adrian, James J.
ADDRESS       5317 N. Woodview Avenue
              Peoria, IL 61614

PROFESSIONAL EXPERIENCE (positions held/when)
Present        Professor of Construction, Bradley University
                President, Construction Systems Company
                Director of Construction Services, Clifton Gunderson
                & Co., CPAs

PUBLICATIONS
Numerous Articles
Adrian, J., Quantitative Methods in Construction Management, Elsevier, 1973
Adrian, J., Construction Accounting, Prentice-Hall (Reston), 1978
Adrian, J., Construction Management: CM as a Process, 1980
Adrian, J., Construction Industry Accounting Services, AICPA, 1980

HONORS (including societies)
Professional Excellence Award, Bradley University 1979
Illinois Young Engineer of the Year, 1977
Peoria Young Engineer of the Year, 1977
Phi Kappa Phi
Edmund James Scholar Student

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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<tbody>
<tr>
<td>2</td>
<td>Organizational Forms</td>
</tr>
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<td>Performance Criteria for Organizational Forms</td>
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<td>Tools for Evaluating Organizational Forms</td>
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<td>Tools for Management of Construction</td>
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<tr>
<td>5</td>
<td>Thesaurus Compilation</td>
</tr>
</tbody>
</table>
Ahuja, G. S.

Housing & Urban Development Corp., Ltd.
12A Jamnagara House
New Delhi, 110011, INDIA

PROFESSIONAL EXPERIENCE (positions held/when)

Possesses extensive experience spread over 27 years, relating to organization evaluation of project implementation agencies; project formulation; appraisal and monitoring; budgetary and accounting analysis; financial policy evaluation; management audit; organizational improvement programmes for finance; accounts and audit; corporate management; management information and control system; developing resource mobilization strategy and perspective planning.

HONORS (including societies)

Institute of Chartered Accountants of India

Member, Board of Directors of Delhi Cooperative Housing Finance Society, Ltd.

BS in Arts with Honors in Economics

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

Organizational Forms
Criteria for Organizational Forms
Tools for Evaluating Organizational Forms
Tools for Management of Construction
Thesaurus Compilation
W-65
BIOGRAPHIC INFORMATION FORM

NAME
Arditi, David

ADDRESS
Assistant Professor of Civil Engineering
Middle East Technical University
Department of Civil Engineering
Ankara
TURKEY

PROFESSIONAL EXPERIENCE (positions held/when)
1976-Present  Director of the Division of Construction Engineering and Strategy in the Department of Civil Engineering, METU, Turkey
1975-Present  Assistant Professor, Middle East Technical University, Turkey
1974-1975  Instructor, Army School of Engineering, Turkey
1968-1969  Assistant, Middle East Technical University, Turkey

PUBLICATIONS

Arditi, D., Prefabrication of Dwellings, MS Thesis, Middle East Technical University, Ankara, 1968


Arditi, D., Implementation Problems in Network Applications in the Construction Industry, Planning Seminar, Turkish State Railways, Ankara, 1975 (Turkish)
David Arditi (cont)

Arditi, D., Cost Problems in Network Applications, Second National OR Congress, Ankara, 1976 (Turkish)

Arditi, D., An Investigation into the Relationship Between Construction Management and OR Techniques, Second National OR Congress, Ankara 1976 (Turkish)


Arditi, D., V. D. Sorguc, Problems of Diffusion of Network Techniques, Third National OR Congress, Izmir, 1977

Arditi, D., Problems in Planning by Network Analysis in the Construction Industry, Symposium on Construction Production, Izmir, 1977 (Turkish)

Arditi, D., Rates of Diffusion of Network Applications among Construction Firms, IABSE Symposium on Problems Associated with Design and Construction in Developing Countries, Munich, 1977

Arditi, D., Implementation Problems in Planning by CPM, Tekyon Seminar, Istanbul, 1978 (Turkish)

Arditi, D., Organizational and Contextual Characteristics Affecting the Use of Network Analysis Techniques in the Construction Industry, Second CIB Symposium on Organization and Management of Construction, Haifa, 1978

Arditi, D., M. Z. Albulak, Comparison of Network Analysis with Line of Balance in a Linear Repetitive Construction Project, Sixth INTERNET Congress, Garmish-Parenkirshen, 1979


Arditi, D., L. Tezduyar, A Comparison of Two Standard Network Analysis Computer Packages (PROJACS and BKN) from the Point of View of the Needs of the Construction Sector, Sixth National OR Congress, Ankara, 1980 (Turkish)

Arditi, D., R. Yuce, M. Ger, U. Sendil, A. Inal, METU'S Experiment in Civil Engineering Education, Symposium on Civil Engineering Education in Turkey Towards the 1990's, Black Sea Technical University, Trabzon, 1980 (Turkish)

Arditi, D., R. Yuce, M. Ger, U. Sendil, A. Inal, Proposal for a Model in Civil Engineering Education-METU'S View, Symposium on Civil Engineering in Turkey Towards the 1990's, Black Sea Technical University, Trabzon, 1980 (Turkish)

Arditi, D., Line of Balance Diagrams in the Construction Sector, Turkish Scientific and Technical Research Council, VII. Congress of Science, Kusadaasi, 1980 (Turkish)
David Arditi (cont)

HONORS (including societies)

Member of the Turkish Chamber of Civil Engineers
Associate Member of the American Society of Civil Engineers
Member of the Operational Research Society, UK
Member of the Institute of Management Sciences
Member of INTERNET (UK)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

2 Organizational Forms
4 Performance Criteria for Organizational Forms
3 Tools for Evaluating Organizational Forms
1 Tools for Management of Construction
5 Thesaurus Compilation
W-65
BIOGRAPHIC INFORMATION FORM

NAME
Armon, David

ADDRESS
Technion- Israel Institute of Technology
Technion City
Haifa 32000
ISRAEL

PROFESSIONAL EXPERIENCE (positions held/when)

1979-1980 Visiting Professor, Faculty of Engineering, University of Waterloo, Ontario, Canada
1978 Member Development Committee, Faculty of Civil Engineering
1978 Member, Tuition Committee, Faculty of Civil Engineering
1978 Director, Computer Center, Technion
1977-1978 Chairman, Committee for Post Graduate
1976 Member Committee for Post-Graduate Studies, Option of Structural Design
1976 Director, Computer Center, Technion
1975-1978 Member Committee on Computer Development
1975-1978 Building-Science and Construction Management
1972 In charge of Computer Services, Faculty of Civil Engineering
1972 Member, Disciplinary Court of the Technion
1972 Member, Tuition Committee, Faculty of Civil Engineering
1970 Guest Lecturer, Technical University, Munich
1969 Member of the Curriculum Committee Faculty of Civil Engineering
1968 Consultant (Construction Management) to Israeli Government Offices and Construction Firms
1966-1968 Engineer (Project Scheduling) at the Institute of Construction Management, Technical University at Munich
1965 Acting Director Technion Research and Development Foundation
1964 Director-Technion Research and Development Foundation
David Armon (cont)

1961-1970  Part-Time Teacher at the National Senior Technicians School

1959-1961  Consulting Engineer (Design and Supervision) to Construction Firms in Liberia (i.e., The Liberia Construction Co., established by the Mayer Bros., Tel-Aviv)

1959-1961  Professor and Head of Engineering Department, University of Liberia

1957-1959  Engineer (Structural design) Office of Prof. I. Edleman, Haifa, ISRAEL

PUBLICATIONS

Armon, D., Simplications of Network-Planning for the Construction Industry
Armon, D., Recent Developments in the B.K.N. Network Technique for Construction Scheduling
Armon, D., Consideration of "Blocked Periods" in Project-Scheduling
Armon, D., The B.K.N. Network Technique for Construction Scheduling
Armon, D., Cost-Functions to Serve the Client of a Construction Project
Armon, D., Types of Precedences in Project Networks and Their Treatment in The B.K.N. Algorithm
Armon, D., Project Networks Comprising Stochastic Time-Value to Serve the Scheduling Practice
Armon, D., Computerized Determination of Optimal in Communication
Armon, D., A Water-Conduit from the Mediterranean to the Dead Sea


Armon, D., Network Scheduling in Civil-Engineering, theoretical analysis in the field of Buildings, Bulletin No. 170, December 1969

David Armon (cont)


Armon, D., Scheduling Diagram: A technique for Scheduling Linear Projects in Civil Engineering. In the Field of Building Bulletin, No. 215, May 1972


Armon, D., S. Selinger, Mobile Concrete Pumps An Economical Feasibility Study, submitted to the Building Centre of Israel, March 1970


Armon, D., A. Warshawsky, A Forecast for the Requirement of Concrete in Haiti and Northern Israel, prepared by the Dept. of Construction Management and Economics Building Research Station, 1970

Armon, D., U. Shamir, Statistics for Civil Engineers (in Hebrew), Faculty of Civil Engineering, Technion, 1977

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

- Organizational Forms
- Performance Criteria for Organizational Forms
- Tools for Evaluating Organizational Forms
- Tools for Management of Construction
- Thesaurus Compilation
NAME: Azevedo, Isaac Lima

ADDRESS: Avenida Chile, 230 - 240 andar
20031 - Rio de Janeiro, RJ
BRAZIL

PROFESSIONAL EXPERIENCE (positions held/when)

Present: Director of the National Bank of Brazil, in Charge of Planning Coordination, Research and Data Processing
February 1978 - Present: Member of the Administration Council of the Bahiana Company for Rural Electrification
January 1967 - March 1979: Advisor for the Presidency of ELECTROBAS - Brazilian Electric Centrals
1967 - 1971: Secretary of Transportation and Communications of the State of Bahia
1967 - 1971: General Director of the Highway Department of the Municipality of Salvador, Bahia

PUBLICATIONS

HONORS (including societies)

Degree in Civil Engineering, Polytechnic School of the Federal University of Bahia, 1953
Higher National Studies, War Higher School of Brazil, 1975

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

Organizational Forms
Performance Criteria for Organizational Forms
Tools for Evaluating Organizational Form
Tools for Management of Construction
Thesaurus Compilation
NAME
Beiu, Eugen

ADDRESS
Piata Mihai Viteazul 35
Cluj-Napoca, ROMANIA

PROFESSIONAL EXPERIENCE (positions held/when)

1968-1980 A sustained teaching and educational activity as a professor at the Polytechnical Institute from Cluj-Napoca, research activity in the Central Institute for Research in Construction, is a head of staff

1963-1968 Activity carried on the higher education at the Polytechnical Institute of Cluj-Napoca - carried on a research activity being chief of a department in the Central Research Institute for Building

1945-1957 & 1960-1963 Activity carried on the field of completion within construction companies employed as a manager, a manager of a development group and chief engineer of a building company

1958-1960 Activity carried on the field of building design, employed as chief engineer at a design institute

1945 Graduated in the Faculty Civil Engineering from the Polytechnical Institute in Bucharest, Romania

PUBLICATIONS


A new up-to-date edition 1977 by Prof. Eugen Beiu and collaborators Building Technology and Building Machinery First Part

Beiu, Eugen, Manual for Organization, Economy and Management of Building Productivity EDP, Bucuresti 1979

Beiu, Eugen, Management of Building Companies and Management of Construction.

Beiu, Eugen, Management of Building Sites - New Site Procedures in Construction, TRC Symposium, Cluj, 1963

Eugen Beiu (Cont’d)

Beiu, Eugen, Method of Applying the Graph Theory to the Planning of Construction Work Execution, Final report with conclusions, INCERC, 1965

Beiu, Eugen, "Method of Applying the Graph Theory (Operational Calculus) to the Planning in House Building Completion," IP Cluj Bulletin, 1967

Beiu, Eugen, "Building the Exposed Concrete with Coarse Facing Having Smooth Surfaces in Relief," Review of Construction and Construction Materials, Nr. 9, 1968

Beiu, Eugen, Aspects and Problems in Connection with the Use of the Critical Path Method in Construction, Proceedings of the Symposium held in Baia Mare, 1969

Beiu, Eugen, "Exposed Concrete with Coarse Facing Used in Our Country," from the research experiments and buildings that have been completed, collection Studies and Achievements


Beiu, Eugen, Prefabricated Facing Slabs Made of Exposed Concrete with a Natural Facing – Sculptural Tint – Complete for the Building of the Design Workshop of the Faculty of Civil Engineering in Cluj-Napoca, Ninth Concrete Conference, Cluj-Napoca, 1976


Beiu, Eugen, Plant for Building the Lineal Prefabricated Elements CEL-3, Ninth Concrete Conference held in Gh.Hg. Dej, 1978

Beiu, Eugen, Studies on Casing Design, Ninth Concrete Conference held in Gh. Dej, 1978


Eugen Beiu (Cont'd)

Beiu, Eugen, Modern Technologies Regarding Prefabricated Elements Finishing for Building Houses - Jubilee Symposium of Polytechnic Institute of Cluj-Napoca 1978

Beiu, Eugen, The Design of Workshops for Reinforcement Manufacturing in the Plants for Prefabricated Elements - Jubilee Symposium of Polytechnic Institute of Cluj-Napoca, 1978

Beiu, Eugen, Modern Solution for Concrete Transportation in the Prefabricated Workshops - Jubilee Symposium of the Polytechnic Institute of Cluj-Napoca, 1978

Beiu, Eugen, Method for Concrete Preheating in the Plants for Prefabricated Elements - Jubilee Symposium of the Polytechnic Institute of Cluj-Napoca

Beiu, Eugen, Modern Technologies for Building the Prefabricated Elements for Houses - Jubilee Symposium of the Polytechnic Institute of Cluj-Napoca, 1978


HONORS (including societies)

Member in the Senate of the Polytechnical Institute of Cluj-Napoca, Romania

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

3 Organizational Forms
1 Criteria for Organizational Forms
4 Tools for Evaluating Organizational Forms
2 Tools for Management of Construction
5 Thesaurus Compilation
NAME: Bijlani, R. U.

ADDRESS: Chairman and Managing Director, Housing and Urban Development Corporation (India) Ltd., New Delhi, India

PROFESSIONAL EXPERIENCE (positions held/when)

1977 - Present Director, Hindustan Prefab Limited, New Delhi; Director, Hindustan Steel Construction Corporation Ltd., Calcutta; Member, Governing Body of Central Building Research Institute, Roorkee; Governor, National Institute of Urban Affairs, New Delhi; Expert on Committee of Central Road Research Institute, New Delhi and Department of Science and Technology; Chairman Working Group for Monitoring Systems for Housing & Urban Development Schemes; Official Indian delegate to L'ABITAT, Mexico City, 1980 and Member Delegate ESCAP, Bangkok, Columbia, Russia, Indonesia, Philippines

October 1977 Professor Centre for Urban Studies, Institute of Public Administration, New Delhi; Chairman and Managing Director, HUDCO.

1966-1976 Chief Engineer and Head of the Department, Delhi Municipal Corporation

HONORS (including societies)

EE Civil Engineering Fellow of Institute of CE (India)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

_____ Organizational Forms
_____ Performance Criteria for Organizational Forms
_____ Tools for Evaluating Organizational Forms
_____ Tools for Management of Construction
_____ Thesaurus Compilation
NAME: Birchall, David W.

ADDRESS: Administrative Staff College, Greenlands, Henley-On-Thames, Oxon RG93AU, ENGLAND

PROFESSIONAL EXPERIENCE (positions held/when)

1974-Present Senior Research Fellow and Member of Directing Staff at Henley

1970-1971 Lectures in Construction Management

1966-1967 Planning Engineers on Mine-City Redevelopment (Offices/Shops)

1965-1966 Engineers on Mine-City Redevelopment (Housing)

PUBLICATIONS

HONORS (including societies)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

<table>
<thead>
<tr>
<th>#</th>
<th>Interest</th>
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<tbody>
<tr>
<td>1</td>
<td>Organizational Forms</td>
</tr>
<tr>
<td>2</td>
<td>Performance Criteria for Organizational Forms</td>
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<td>3</td>
<td>Tools for Evaluating Organizational Forms</td>
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<td>Tools for Management of Construction</td>
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</tbody>
</table>
NAME Bjornsson, Hans

ADDRESS Institute for Building Economics
Chalmers University of Technology
FACK
402 20 Goteborg
SWEDEN

PROFESSIONAL EXPERIENCE (positions held/when)

1979-1980 Visiting Associate Professor in Construction Engineering and Project Management, Dept of Civil Engineering, M.I.T. Cambridge, MA

1978-1979 Visiting Faculty Members in the Area of Construction Management and Operations Research, Dept. of Civil Engineering, University of Illinois

1976-Present Associate Professor, Dept of Building Economics, Chalmers University of Technology (on leave-of-absence)

1975-1976 System Analysis/Construction Firm

1973-1974 Research Assistant - University of Illinois

1968-1973 Research Assistant - Goteborg, Chalmers University of Technology

PUBLICATIONS

Several Research Reports on Construction Management Techniques

Interactive Simulation of Decision Making Processes in the Construction Industry

HONORS (including societies)

OR Society of Sweden
PMI
American Association of Cost Engineers (AACE)
Hans Bjornsson (cont)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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<thead>
<tr>
<th>Rank</th>
<th>Topic</th>
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<tbody>
<tr>
<td>3</td>
<td>Organizational Forms</td>
</tr>
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<td>2</td>
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</table>
BIOGRAPHIC INFORMATION FORM

NAME
Blachere, Gerard

ADDRESS
39, avenue d'Iena
75116-Paris
FRANCE

PROFESSIONAL EXPERIENCE (positions held/when)
1974-Present  President of l'ISO/TC.59 "Building"
1957-1974    Director of Centre Scientifique et Technique du Batiment
1955-1956    Director of Construction of France
1954-1955    Commissioner for the Reconstruction of Cheliff
              (Orleansville earthquake) Algeria
1949-1954    Commissioner for the Reconstruction of Tunisia
1947-1949    Delegate to the Reconstruction of Haut-Rhin, France

PUBLICATIONS
SVOIR BATIR (Editions Eyrolles - Paris) 1966
Technologies de la Construction Industrialise (Editions Eyrolles - Paris)

HONORS (including societies)
- Officer of the Legion of Honor
- Commander of the Order of Merit

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

Organizational Forms
Performance Criteria for Organizational Forms
Tools for Evaluating of Organizational Forms
Tools for Management of Construction
Thesaurus Compilation
NAME
Blechman, Isaac

ADDRESS
Nissenbaum, Street
2/76 Haifa
ISRAEL

PROFESSIONAL EXPERIENCE (positions held/when)
1974
Senior Research Worker, Building Research Station, Technion, Israel

1971-1973
Senior Research Worker at the Institute of Transportation Engineering, Moscow

1958-1971
Chief Engineering and Senior Research Worker at the Central Research Institute of Organization, Mechanization, and Construction in Building in Industry, Moscow

1955-1958
Technologist, Factor for Prestressed Elements

PUBLICATIONS


Labor-Cost Formula in Construction-Item Processing, ibit Proceedings.

Guide to Analysis and Design of Steel Forms (Contribution), Moscow, 1971

Design and Evaluation of Modern Steel Forms, MDNTF, 1973

Production Models of Construction Works, Report, Building Research Station, Technion, Haifa, 1979

Description of Standard Labour Requirements by Functions, Reports:
Part I: Roofing, Masonry, 1978
Part II: Plastering, Casting, 1979

Self-Propelled Conveyor-Type Placers, Mosco, stroizdat, 1973

Batch Production of Precast R.C. Columns, "Boston i Zhelezobeton," Nb, 1969

Evaluation of Steel Forms Effectiveness, "Boston i Zhelezobeton," Nb, 1969
Isaac Blechman (cont)

Choice of Loading Patterns and Strength of R.C. System in Industrial Quality Tests, "Boston i Zhelezobeton," No. 6, 1968, Moscow

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</tbody>
</table>
W-65
BIOGRAPHIC INFORMATION FORM

NAME
Blessis, George H.

ADDRESS
Civil Engineering Dept
North Carolina State University
Raleigh, NC 27650

PROFESSIONAL EXPERIENCE (positions held/when)
1961 - Present
Construction Engineering & Management
Teaching - Cornell University
Study - University of Illinois
Teaching - NCSU-Associate Professor
Research - Resource Selection Optimization in Heavy
Construction Planning and Scheduling

PUBLICATIONS

HONORS (including societies)
ASCE
NSPE
ASEE
Tau Beta Pi
Chi Faculty
MCSU

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1
Tools for Management of Construction

2
Tools for Evaluating Organizational Forms

3
Organizational Forms

4
Thesaurus Compilation
W-65
BIOGRAPHIC INFORMATION FORM

NAME          Boland, Thomas F.

ADDRESS       St. Martins House
               Waterloo Road
               Dublin 4
               IRELAND

PROFESSIONAL EXPERIENCE (positions held/when)

1977 - Present  Specialist Lecturer in Surveying with the Construction
               Industry Federation, Ireland

1972 - Present  Finance Lecturer (part-time) in College of Technology,
               Bolton Street, Dublin

1971 - Present  Research Scientist with An Foras Forbartha

1957 - 1971    Constructed Facility Designer and Construction Organizer
               with Coras Iompair Eireann

PUBLICATIONS

A number of national reports

A number of international reports and papers including CLB W-65 report, "The
Construction Industry - A Perspective"

A number of magazine articles

HONORS (including societies)

M.IE. - Honors Masters Degree in Industrial Engineering
B.E. - Bachelors Degree in Civil Engineering
C.ENG. - Chartered Engineer
MIEI - Member of the Institute of Engineers of Ireland

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1  Organizational Forms
2  Criteria for Organizational Forms
3  Tools for Evaluating Organizational Forms
4  Tools for Management of Construction
5  Thesaurus Compilation
W-65
BIOGRAPHIC INFORMATION FORM

NAME van den Born, H.

ADDRESS Bouwcentrum International Education
Weena 700
3014 DA Rotterdam
NETHERLANDS

PROFESSIONAL EXPERIENCE (positions held/when)

<table>
<thead>
<tr>
<th>Year</th>
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<tbody>
<tr>
<td>1978-Present</td>
<td>Coordinator Workshop Building Process and Resource Management, Bouwcentrum International Education</td>
</tr>
<tr>
<td>1972-1978</td>
<td>Coordinator Project Activities in Developing Countries, Bouwcentrum</td>
</tr>
<tr>
<td>1969-1972</td>
<td>Project Manager Heidemiji, Haarlem/Arnhem</td>
</tr>
<tr>
<td>1966-1969</td>
<td>Management Consultant Bouwcentrum, Rotterdam</td>
</tr>
<tr>
<td>1962-1965</td>
<td>Associate Expert, UN New York</td>
</tr>
<tr>
<td>1974-1976 Africa</td>
<td>Several Missions to Various African Countries within the framework of a UN ECA project &quot;Human Settlements in Africa&quot;</td>
</tr>
<tr>
<td>1972 Indonesia</td>
<td>Advisor on the Operations of a Building Information Centre in Jakarta</td>
</tr>
<tr>
<td>As from 1978</td>
<td>Various Assignments to Training Programmes in Indonesia and Sri Lanka</td>
</tr>
</tbody>
</table>

PUBLICATIONS

Contribution to Human Settlement in Africa

Principles of Planning and Control (syllabus for international training programmes in the field of low-cost housing construction)

Various consulting reports

HONORS (including societies)

Royal Institute of Engineering
Netherlands Institute of Physical Planning and Housing
### PRIORITY RANKING IN INTEREST IN W-65 CHAPTER (1 = highest priority)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Description</th>
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<tr>
<td>4</td>
<td>Organizational Forms</td>
</tr>
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</tr>
<tr>
<td>Name</td>
<td>Boyer, L. T.</td>
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</tr>
<tr>
<td>ADDRESS</td>
<td>Dept. of Civil Engineering, Urbana, IL 61801</td>
</tr>
</tbody>
</table>

**PROFESSIONAL EXPERIENCE (positions held/when)**

1966-Present  Assistant/Associate Professor of Civil Engineering
University of Illinois at Urbana-Champaign

**PUBLICATIONS**

Bowers, C. E., F. Y. Tsai, R. M. Kuha, J. T. Hanley, and L. T. Boyer, Hydraulic Studies of the Spillway of the Karnafuli Hydroelectric Project East Pakistan, St. Anthony Falls Hydraulic Laboratory Project Report, No. 73, Prepared for the Agency for International Development, Department of State, Washington, DC, September 1964


L. T. Boyer (cont)

Boyer, L. T., Cost Control in the Construction Industry, presented for Milwaukee Urban League and University of Wisconsin, Milwaukee, Wisconsin, June 1973


HONORS (including societies)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1. Organizational Forms
2. Performance Criteria for Organizational Forms
3. Tools for Evaluating Organizational Forms
4. Tools for Management of Construction
5. Thesaurus Compilation
NAME: Bromilow, Francis J.

ADDRESS: C/-Division of Building Research, CSIRO
          P.O. Box 56
          Highett, Victoria, 3190
          AUSTRALIA

PROFESSIONAL EXPERIENCE (positions held/when):

Present: Senior Principal Research Scientist and Head, Building Operations and Economics Research Section

1966 - 1973: Principal Research Scientist, CSIRO

1961 - 1966: Assistant Planning Engineer, Gas & Fuel Corp of Victoria

1958 - 1966: Chemical Engineer (Planning) Gas & Fuel Corp of Victoria

1956 - 1958: Technical Assistant to Works Manager Gas & Fuel Corp of Victoria

1953 - 1958: Research Chemical Engineer Gas & Fuel Corp of Victoria

1949 - 1953: Research Assistant, University of Melbourne Gas & Fuel Corp of Victoria

PUBLICATIONS:

Bromilow, F. J., Lurgi Gasification Experimental Work, carried out at the University of Melbourne, South Australia Department of Mines Review No. 90, June 1949, 33-61

Bromilow, F. J., Steam-Oxygen Gasification under Pressure, South Australia Department of Mines Review No. 93, December 1950, 43-69


Bromilow, F. J., Flame Shape Calculations in the Study of Gas Interchangeability Problems, Institute of Fuel Symposium Newcastle, 1959, preprint only


Francis J. Bromilow (cont)

Bromilow, F. J., Building Operations in Japan, Australia Civil Engineering
Vol. 9, No. 4, pp. 43, 45, 47, 49, 1968


Bromilow, F. J., "Is the Lowest Tender the Cheapest?," Chartered Builder, Vol. 1, No. 2, March 1972


Bromilow, F. J., Recommendation for Improving the Efficiency of Public Works in Fiji, A report prepared for the Government on Fiji in response to a request to the Australian Development Assistance Agency, 1974
Francis, J. Bromilow (cont)

Bromilow, F. J., Cost Escalation of Building Contracts, CSIRO Aust Div Bldg Res Special Reports, 1975, 30 pp and App


Bromilow, F. J., "Summary of Rise and Fall Seminar at Clunes Ross House," Chartered Builder, 16: 19-23


Bromilow, F. J., What is an Affordable House?, Paper No. 1 in a Transcript of Three Papers, 12th National Conv Housing Industry Association of Australia, Canberra, 1977


Bromilow, F. J., The Cost of Housing and Problems of Innovation, The basis of an address to the Australian Institute of Health Surveyors and The Institute of Building Surveyors of NSW, Sydney, 1978


Bromilow, F. J., Future Innovations in Housing, Text for an address to the Housing Industry Association of Australia, Convention, April 1979


HONORS (including societies)

Member O.R.S.A.
Member A.S.O.R.
Member O.R.Soc. (U.K.)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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<td>Thesaurus Compilation</td>
</tr>
</tbody>
</table>
NAME: Brown, Leslie J.

ADDRESS: 235 Sherwood Drive
Ottawa, Ontario
CANADA, K1Y 3W1

PROFESSIONAL EXPERIENCE (positions held/when)

1979 Retired from Full-time Employment

1968-1979 Director General Construction, Department of National Defence, Canada

1967-1968 Director of Installations - Canadian Corporation for the 1967 World Exhibition (EXPO 67 - Montreal)

1965-1967 Deputy Director of Installations - Canadian Corporation for the 1967 World World Exhibition (EXPO 67 - Montreal)

1946-1965 Various Appointments in Canadian Army in Army Works Services Responsible for Design Construction and Maintenance of Canadian Army Facilities

1940-1945 Various Appointments in Royal Canadian Engineers Canadian Army

PUBLICATIONS


HONORS (including societies)

Canadian Centennial Medal (1967) - For Services at Expo 67

Member, Association of Professional Engineers of Province on Ontario (Civil Branch)
Leslie Brown (cont)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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<td>Tools for Evaluating Organizational Forms</td>
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</tbody>
</table>
BIOGRAPHIC INFORMATION FORM

NAME
Burger, Amadeus M.

ADDRESS
1900 Emery Street
Suite 322
Atlanta, Georgia 30318

PROFESSIONAL EXPERIENCE (positions held/when)
1978 - Present
President
M-Systems Associates, Inc.

1976 - Present
President
Construction Systems Associates, Inc.

1975
Georgia Institute of Technology
Instructor

1971 - 1975
Project Area Engineer
Head of Project Control System Development

1969 - 1971
Research Assistant
University of Illinois
Champaign, Urbana, Illinois

1968 - 1969
Project Engineer
Halifax, N.S. Canada

1966 - 1968
Project Area Engineer
Hydrostav, Bratislava, Czechoslovakia

PUBLICATIONS


Amadeus M. Burger (cont)


HONORS (including societies)

American Society of Civil Engineers
American Management Association

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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</tbody>
</table>
NAME
Chakraborty, Bibhuti Kumar

ADDRESS
Manager (Project Appraisal)
Housing & Urban Development Corp, Ltd.
12A, Jamnagar House
New Delhi-110011, INDIA

PROFESSIONAL EXPERIENCE (positions held/when)

Obtained a Bachelor of Engineering Degree in Civil Engineering in 1960, Post Graduate Diploma in Town and Regional Planning. Post Graduate Degree in Structural Engineering and completed a certificate course on "Housing in Development Countries" in the Development Planning Unit, University College, London.

Extensive experience (over 20 years) in planning, design and construction covering almost all branches of civil engineering such as buildings (housing as well as industrial structures), roads, water supply, sanitary sewerage, storm drainage, etc., in large towns as well as in small townships.

Has handled such works as Assistant Engineer up to September 1966 and thereafter as Executive Engineer and as Chief Civil Engineer in large industrial and housing projects. In his present assignment, he is specially involved in appraisal, evaluation and implementation of housing and urban development projects with special emphasis on cost reduction in such projects of HUDCO using various new construction materials/design and construction techniques.

PUBLICATIONS

Paper on design of machine foundation (dynamic analysis) published in Indian Concrete Journal, August 1970 issue (this is the result of his in-depth study of the subject, developing practical method to ensure complimentary role of design and construction, i.e., research and practice).

Paper on design and construction of brickwork structure (related to building construction) published in January 1977 issue of the Journal of the Institution of Engineers (India).

Paper on ultimate strength design of reinforced concrete slab incorporating a simplified, economic and easily applicable design procedure for practicing engineers has been published in September 1978 issue of the Journal of the Institution of Engineers, India.
Bibhuti Kumar Chakrabarty (cont'd)

Presented a paper on structural aspects of low cost housing design in the seminar on "Housing Environment" held at Calcutta in March 1977 sponsored by the Association of Engineers, India.

Presented a paper entitled "A Strategy for Housing and Urban Poor in India" incorporating planning, economic, architectural and engineering aspects of housing in India and a suggested strategy. The paper was presented in a seminar held at Development Planning Unit, University College, London.

Prepared evaluation report on "Low Cost Prefabricated House" developed by the Tamil Nadu Housing Board.

Prepared evaluation report on "Siporex" Technique identifying limitations and effectiveness and practicability of its use in low cost housing.

HONORS (Including societies)

Member of the Expert Committee appointed by the Government of India on "Strength Mix Design of Concrete" and actively participated in formulation of the report submitted by the Expert Group to the Government of India.

Member of Prefabricated and Composite Construction Sectional Committee of the Indian Standards Institute and besides is a member of several other committees of the Indian Standards Institute concerning civil engineering standards/specifications.

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

- Organizational Forms
- Criteria for Organizational Forms
- Tools for Evaluating Organizational Forms
- Tools for Management of Construction
- Thesaurus Compilation
BIOCRAFIC INFORMATION FORM

NAME

Cheesman, P.G.

ADDRESS

Heriot-Watt University
Chambers Street
Edinburgh EH1 4HX, UNITED KINGDOM

PROFESSIONAL EXPERIENCE (positions held/when)

1971-Present  Lecturer & Consultant in Construction Management
1970-1971  Research Fellow
1967-1969  Construction Manager
1963-1967  Cost Surveyor

PUBLICATIONS

Cheesman, P., CLASP Maintenance Study, Hospital Maintenance Conference, Western General Hospital, Edinburgh, April 1974


Cheesman, P., Communications to Site, The Institute of Civil Engineers, Edinburgh and East of Scotland Association, Edinburgh, February 1975


P. Cheesman (cont)


HONORS (including societies)

MSc (Master of Science)

MIOB (Member of Institute of Building)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

- Organizational Forms
- Performance Criteria for Organizational Forms
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- Thesaurus Compilation
NAME
Christian, John A.

ADDRESS
Faculty of Engineering and Applied Science
Memorial University of Newfoundland
St. John's, Newfoundland, Canada A1B 3X5

PROFESSIONAL EXPERIENCE (positions held/when)
1977 - Present Professor in Civil Engineering Construction, Memorial University, Canada
1967 - 1977 Initiated and Developed Construction Organization and Management Courses, University of Bradford
1964 - 1967 Management and Supervision of Highways, Bridges, Subways, Earthworks - Richard Costain Civil Engineering (CE Site Agent)
1962 - 1964 Design of RC and PC Structures, Ove Arup & Partners
1959 - 1962 Surveying, Setting Out, Construction Supervision, Steel and RC Design, London Transport Executive (Graduate Engineer, Engineer Assistant)

PUBLICATIONS


Christian (cont)

HONORS (including societies)

B. Eng.
Ph.D.
M.I.C.E.
C. Eng.
F. Eng.

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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</table>
W-65
BIOGRAPHIC INFORMATION FORM

NAME
Denes, Janos

ADDRESS
Pf.46, Budapest
HUNGARY, 1251

PROFESSIONAL EXPERIENCE (positions held/when)

1963 - Present  Institute for Building Economy and Organization, Budapest,
Division for Organization of Project, Department Head
of the Division

1952 - 1963  Ministry for Construction Affairs, Budapest

PUBLICATIONS
Numerous publications in the field of OMC, economic problems of construction,
construction management, computer science, etc.

HONORS (including societies)

- Ph.D. at Marx University for Economics, Budapest
- Hungarian Society for Organization and Management, President
  of Committee in Organization of Projects
- Order of Labor Third Class (donated by Hungary's Presidium)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1  Tools for Management of Construction
2  Organizational Forms
3  Performance Criteria for Organizational Forms
4  Tools for Evaluating Organizational Forms
5  Thesaurus Compilation
W-65

BIOGRAPHIC INFORMATION FORM

NAME
Diepeveen, Willem J.

ADDRESS
General Director Stichting Bouwresearch
Weena 740 Rotterdam - Holland

PROFESSIONAL EXPERIENCE (positions held/when)
1971-1975 Board Member Twynstra and Gudde Management Consultants
1965-1971 Board Member Berenschot Management Consultants

PUBLICATIONS
Several Dozens of articles
A book about 1) Planning and Policy in Building Firms 2) Marketing in Building Firms 3) Management Development in Building Firms

HONORS (including societies)
PHD in Economics
Member Royal Institution of Engineers (KIVI)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)
2 Organizational Forms
3 Criteria for Organizational Forms
4 Tools for Evaluating Organizational Forms
5 Tools for Management of Construction
6 Thesaurus Compilation
BIOGRAPHIC INFORMATION FORM

NAME
Fletcher, Leonard

ADDRESS
Department of Construction Management
University of Reading
Whiteknights
Reading, RG6 2BY
UNITED KINGDOM

PROFESSIONAL EXPERIENCE (positions held/when)

1954 - Present
Visiting Professor of Construction Management, University of Reading

1969 - 1974
Professor of Construction Management, University of Reading

1966 - Present
Lecturer (part-time) in Building Economics, University of Sheffield

1974 - Present
Visiting Professor of Construction Management, University of Reading

PUBLICATIONS

Standard Phraseology for Bills of Quantities
Numerous Articles and Technical Papers on the Subject of Construction Industry Communications and Information Systems

HONORS (including societies)

Fellow of the Royal Institution of Chartered Surveyors
Fellow of the Chartered Institute of Arbitrators

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1 Organizational Forms
3 Criteria for Organizational Forms
5 Tools for Evaluating Organizational Forms
4 Tools for Management of Construction
2 Thesaurus Compilation
W-65

BIOGRAPHIC INFORMATION FORM

NAME
Gaarslev, Axel

ADDRESS
The Technical University of Denmark
Department of Construction Management
Building 115
2800 Lyngby
DENMARK

PROFESSIONAL EXPERIENCE (positions held/when)

1980 - Present  Professor of Construction Management, The Technical University of Denmark
1969 - 1980    Associated Professor of Construction Management, Denmark
1968 - 1969    Visiting Scholar, Stanford University, California, USA
1967 - 1968    Employed by Consulting Engineering Firm
1964 - 1967    Assistant Professor of Construction Management, Denmark
1960 - 1964    Employed by Contractor
1959 - 1960    Employed by Consulting Engineering Firm

PUBLICATIONS

Several books, papers etc. in English and Danish on Construction Management

HONORS (including societies)

M.Sc. in Civil Engineering

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1  Organizational Forms
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2  Tools for Evaluating Organizational Forms
2  Tools for Management of Construction
2  Thesaurus Compilation
W-65

BIOGRAPHIC INFORMATION FORM

NAME: Gil, Avimar

ADDRESS: 112 Herzl Blvd.
Jerusalem
ISRAEL

PROFESSIONAL EXPERIENCE (positions held/when)

1972 - Present PWD Deputy Director, Head of Building Directorate, Headquarters, Tel-Aviv

1971 - 1972 PWD Chief Design Engineer, Roads Department, Headquarters, Tel-Aviv

1970 - 1971 PWD District Engineer, Jerusalem District

1961 - 1970 PWD District Engineer, Northern District

1952 - 1967 PWD Jerusalem District, various positions

PUBLICATIONS

Various publications on management of construction, Israel journals

HONORS (including societies)

Various citations by Israel institutions concerning the advancement of building systems and management

PRIORIT Y RANKING IN INTEREST IN W-65 CHARTER (1 = highest priority)

| 1 | Tools for Management of Construction |
| 2 | Organizational Forms |
| 3 | Performance Criteria for Organizational Forms |
| 4 | Tools for Evaluating Organizational Forms |
| 5 | Thesaurus Compilation |
W-65

BIOGRAPHIC INFORMATION FORM

NAME

Greven, Erik, D. W.

ADDRESS

De Wieken 4
4765 BB Zevengergschen Hoek
NETHERLANDS

PROFESSIONAL EXPERIENCE (positions held/when)

1971-Present
Consultant in Construction Management, Facility Design, Port Planning and Operations Management for Private Industry and Governmental Organizations and Supervisor of Graduate Student Projects

1975-Present
Member of the Faculty and Research Associate-Construction Management and Organization of Civil Engineering Projects for the Department of Civil Engineering of the Delft University of Technology

1974
Civil Engineer (temp position) Facility Operations and Maintenance Division of the U.S. Army Construction Engineering Research Laboratory

PUBLICATIONS

Greven, E. D. W., Decision Analysis in Civil Engineering, Technische Hogeschool, Delft, 1980

Wagenmaker, H. and Greven, E. D. W., The Organization of Construction, Technische Hogeschool, Delft, 1979


Wagenmaker, H., Greven, E. D. W., Project Organization, Technische Hogeschool, Delft, 1977

HONORS (including societies)

Member KIVI (Royal Institute of Engineers)
Outstanding Civil Engineering Graduate Design Award 1975, Delft University of Technology Graduate Rotary Fellow Scholarship, 1973-1974
PRIORIT RANKING IN INTEREST IN W-65 CHARTER (1 = highest priority)

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</tbody>
</table>
NAME: Halperin, Don A.

ADDRESS: School of Building Construction
University of Florida
Gainesville, FL 32611

PROFESSIONAL EXPERIENCE (positions held/when)

1953 - Present  Faculty Member, University of Florida; Presently Director of School of Building Construction

1948 - 1953  Architect, Braverman and Halperin, Cleveland, OH

1945 - 1946  Civil Engineer, U.S. Navy Bureau Yards and Docks

PUBLICATIONS


HONORS (including societies)

Sigma Xi (Scientific Research)
Pi Delta Epsilon (Journalism)
Tau Kappa Alpha (Forensic)
Sigma Lambda Chi (Construction)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

3  Organizational Forms
2  Performance Criteria for Organizational Forms
4  Tools for Evaluating Organizational Forms
1  Tools for Management of Construction
5  Thesaurus Compilation
NAME: Halpin, Daniel W.

ADDRESS: 1655 Harbour Oaks Road
           Tucker, GA 30084

PROFESSIONAL EXPERIENCE (positions held/when)
1973-Present  Faculty, Georgia Institute of Technology,
              Atlanta, GA
1971-1973  Faculty, University of Illinois
1972-1970  US Army Corps of Engineers (Engineer and Research
          Analyst)

PUBLICATIONS
Halpin, D., Design of Construction and Process-Operations, John Wiley and
Sons, Publisher, 1976

Halpin, D., Construction Management, John Wiley and Sons, Publisher, 1981

Halpin, D., Planung und Kontrolle von Bauproduktionprozessen, Springer Verlag,
1979 (co-author)

Report, Information Management of Nuclear Power Stations, in Five Volumes
for Department of Energy, Washington, DC

Articles in Construction Journal, American Society of Civil Engineer
Reports to National Science Foundation entitled, A Computerized Construction
Gaming Environment, and Construction Management Systems in Romania

HONORS (including societies)
Vice-President, Georgia Section, ASCE, 1979-1980
Recipient of Walter L. Huber Research Prize, American
Society of Civil Engineers, 1979
Director, Georgia Engineering Foundation
Member, ASCS, ASEE, Sigma Xi
NDEA Fellow, University of Illinois 1968-1970, Ph.D
Civil Engineering
Exchange Lecturer, Center of Cybernetics in Construction,
Bucharest, Romania, 1973
Visiting Scholar, Technical University, Munich, Germany,
1967-1968, 1979
Consultant, US-USSR Joint Working Group, Project Team I,
Management of Large Scale Construction
**Priority Ranking of Interest in W-65 Charter (1 = highest priority)**

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</tbody>
</table>
NAME
Hamburger, I.

ADDRESS
7300 Summit Avenue
Chevy Chase, MD 20015, USA

PROFESSIONAL EXPERIENCE (positions held/when)
1975-Present General Engineer - Construction Management, HQ USAF Directorate of Engineering & Services
1957-1975 Civil Engineering/Architectural Engineering/Materials Engineering (Consultant Structural Preservation), HQ USAF Directorate of Civil Engineering
1954-1957 Architectural Engineer/Chief Maintenance Engineer, Andrews AFB, USAF Base Installations Engineering Office
1941-1954 Associated with Construction Industry - Trades, Project Development, Structural Maintenance/Rehabilitation and New Construction

PUBLICATIONS
An Engineering Approach to Maintenance
Structural Corrosion Problems and Coatings Affecting Air Force Civil Engineering
Practical Communications: Fundamental to Improved Construction Management, Second INT’L CIB W-65 CONF

Activities:
- Contributor to Federal Construction Council and Building Research Board reports, computerized construction specifications, simultaneous quality controls and related construction presentations associated with Structural Systems Engineering Courses at Air Force Institute of Technology (AFIT)

Honorary Member of Faculty, AFIT; Outstanding Award - USAF Civil Engineering Materials Program; Outstanding Conservation Farmer, Hardy County, W. VA; USA; Member - American Management Association, American Institute of Plant Engineers, American Society for Testing Materials, Association for Preservation Technology, Construction Specifications Institute, National Association of
I. Hamburger (cont)

Corrosion Engineers, Society of American Military Engineers, Steel Structures Painting Council, Washington Society of Engineers

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

- Organizational Forms
- Criteria for Organizational Forms
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- Tools for Management of Construction
- Thesaurus Compilation
NAME: Handa, V.K.

ADDRESS: Dept of Civil Engineering, University of Waterloo, Waterloo, Ontario N2L 3G1, Canada

PROFESSIONAL EXPERIENCE (positions held when)

1976-Present Advisor, Housing and School Building Programmes
1976 Advisor, Construction Management & Training
1975-1977 Visiting Professor
1971 Visiting Professor
1970-Present Professor, Civil Engineering, Construction Management
1969-1970 Chairman and Visiting Professor Civil Engineering
1966-1969 Associate Professor
1964-1966 Assistant Professor Civil Engineering and Design
1963-1967 Project Director & Assist Project Director, EXPO 67 Projects
1961-1964 Lecturer, Civil Engineering
1961 Senior Technical Engineer, Project Management
1960-1961 Lecturer, Civil Engineering
1959-1960 Project Engineer, Soil Mechanics
1958 Assistant Construction Engineer
1956-1958 Teaching Research Assistant
1954-1956 Graduate Engineer, Reinforced Concrete

PUBLICATIONS

Handa, Vir K., The Discipline of Design
Handa, Vir K., Education and Training in Construction, Rapporteur Paper
V.K. Handa (cont)

HONORS (including societies)

Fellow, the Institution of Engineers (India)
Association of Professional Engrs of Ontario
Project Management Institute
Canadian Standards Association
CIB W-65 Commission

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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Organizational Forms
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Tools for Management of Construction
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Thesaurus Compilation
**W-65**

**BIOGRAPHIC INFORMATION FORM**

**NAME**
Hareli, Mordecai

**ADDRESS**
4 Hankin Str.
Holon
ISRAEL

**PROFESSIONAL EXPERIENCE**

<table>
<thead>
<tr>
<th>Year</th>
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<tbody>
<tr>
<td>1973-Present</td>
<td>Manager of R&amp;D Department, Building Centre of Israel</td>
</tr>
<tr>
<td>1967-1973</td>
<td>Head of Building Dept. Israel Institute of Productivity</td>
</tr>
<tr>
<td>1962-1966</td>
<td>Project Manager, Kibbutz Meuhad Construction Enterprise</td>
</tr>
<tr>
<td>1960-1961</td>
<td>Site Engineer, Nigersol Const. Co., Western Nigeria</td>
</tr>
</tbody>
</table>

**PUBLICATIONS**

- Optimizing the Execution Sequence in Construction Projects with Repetitive Processes, paper presented to CIB W-65 2nd Symposium on Organization and Management, Haifa, 1978
- Hareli, M., *The Influence of Project Cash Flow on Determining the Mark-up in Bids for Contract*
- Computer Scanning Methods for Optimizing the Execution Sequence in Construction Projects with Repetitive Features, Research thesis submitted to the Senate of the Technion, Israel Institute of Technology, in partial fulfillment of the requirements for the degree of Master of Science in Computer Science, Haifa, Israel, February 1976
- Hareli, M., "Production Process - Adaptation of Type of Model to Type of Project," The Building Centre of Israel Quarterly No. 15, July-September 1974, pp 233-236
- Standard Guidelines for Preparation of Architectural Working Drawings for Public Construction (with co-authors Weinraub, Turetz, Schwammenthal and Kinsbrunner), published by the Israeli Institute of Productivity, 1972 in Hebrew
Mordecai Hareli (cont)

Hareli, M. (Editor) et alia: Catalogue of Guiding Values of Inputs Needed for Construction Works, published by Building Centre of Israel, Tel-Aviv, May 1979

HONORS (including societies)

1970-Present  Member, Association of Engineers and Architects in Israel
Chairman of Section for Construction Management and Organization, 1979

1979  M.S. degree in Computer Science, Technion, I.I.T.

1959  Civil Engineering Diploma, Technion, I.I.T.

1956  B.S. degree in Civil Engineering, Technion, Israel Institute of Technology, Haifa

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</table>
BIOGRAPHIC INFORMATION FORM

NAME
Herbsman, Zohar

ADDRESS
University of Florida
Department of Civil Engineering
346 Weil Hall
Gainesville, FL 32611

PROFESSIONAL EXPERIENCE (positions held/when)
1980
Visiting Professor, University of Florida at Gainesville

1978-1979
Visiting Professor, University of British Columbia in Vancouver

1977-1978
Visiting Professor, University of Florida at Gainesville

1977
D.Sc. (Construction) Technion I.I.T., Haifa, Israel

1974-1977
Consulting Engineering of Construction Management, Haifa, Israel

1971-1972
"Lokpoh" Ivory Coast General Manager of the "Lokpoh Project"

1970
M.Sc. (Construction) Technion I.I.T., Haifa, Israel

1968-1971
"Mekorut" Haifa, Israel - Chief Estimator of Northern Division of the Company

1966-1968
"Agridev" Abidjan Ivory Coast (West Africa) - Head of Daloa Division of the Company

1962-1966
"Mekorut", Haifa, Israel - Project Manager of Different Heavy Construction Projects

1962
B.Sc. Technion I.I.T., Haifa, Israel

PUBLICATIONS

Herbsman, Z., "Computers in the Service of Building Companies," The Building Centre of Israel, Tel Aviv, April 1975

Zohar Herbsman (cont)


HONORS (including societies)

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<td>5</td>
<td>Thesaurus Compilation</td>
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</tr>
</tbody>
</table>
W-65
BIOGRAPHIC INFORMATION FORM

NAME
Hickman, Anthony

ADDRESS
Architect
17 Cedar Chase Taplow
Maidenhead Berks SL6 0EJ
ENGLAND

PROFESSIONAL EXPERIENCE (positions held/when)

1966 - Present
Architect concerned with a wide range of design, constructional, contract and organizational problems including project management for housing, health buildings, commercial and industrial projects both in UK and overseas.

1962-1970
Architect to a multi-million multi-national building material producer and advisor to the Research and Development subsidiary with particular responsibility for discipline practice of architects, surveyors and valuers. Honorary Secretary Franco-British Union of Architects and Vice-Chairman of the Professional Conduct Committee of the Royal Institute of British Architects.

PUBLICATIONS

Papers on the Use of Plasterboard in Lightweight Partitions, CIB Symposium on Low Rise Light Weight Construction, Budapest 1971


The Bussel dorf Exhibition Centre, 1971 and Timberwork in Jeddah, 1978

HONORS (Including societies)

Commendation Financial Times Industrial Architecture Award 1971

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

Organizational Forms
Performance Criteria for Organizational Forms
Tools for Evaluating Organizational Forms
Tools for Management of Construction
Thesaurus Compilation
NAME: Humar, R.

ADDRESS: Echeverria 1168 Florida 1602 ARGENTINA

PROFESSIONAL EXPERIENCE (positions held/when)

1974-Present Advisor of Different Countries: Constr Met SRL Artecases SA. Alpargatas SA

1969-Present Professor - UCA: Facility of Engineering: Organization, Programming, Control

1969-1974 Secretary of Housing: Director of General Technology

1968-1969 Organization of American States: Director of Tech Coordination

1965-1966 Faculty of Architecture: Department of Economics

1963-1965 Bowcentrum Argentina: Dept of Organization & Economics

PUBLICATIONS

Humar, R., Cost Control, 1965

Humar, R., Productivity of Construction, 1965

Humar, R., Fabrication of Precast Concrete, 1977

HONORS (including societies)

Member, Argentina Center of Engineers
Member, Institute of Argentina Quality Control
Member, IRAM (Institute of Rationalization of Argentine Materials)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

Organizational Forms
Performance Criteria for Organizational Forms
Tools for Evaluating Organizational Forms
Tools for Management of Construction
Thesaurus Compilation
NAME  Ireland, Vernon

ADDRESS The New South Wales Institute of Technology  
P.O. Box 123  
Broadway, N.S.W. 2007  
AUSTRALIA

PROFESSIONAL EXPERIENCE (positions held/when)

1963-1968 Structural Engineer and Building Surveyor  
Council of City of Sydney

1969 Employed by Consulting Engineer  
Wargon Chapman & Associates, Sydney

1970-1980 Lecturer, Senior Lecturer and Head of Department  
Building Department, The New South Wales Institute  
of Technology

1966-1980 Building Consultant

PUBLICATIONS

Evaluation as a Part of the Learning Process, Australian Architectural Education Conference, Sydney, August 1973

A Proposed Industry Standard Beam-Column Connection for Framed Precast Concrete Structures, Developments in Reinforced Concrete, Conference of Institution of Engineers, Australia, September 1973


Modeling The Building Process

Part 1 - A Background in Organization Theory - Vol. 25,  
The Chartered Builder (Australia)

Part 2 - A Model to Establish and Achieve Goals - Vol. 26,  
The Chartered Builder (Australia)

Part 3 - Management of the Design Team - Vol. 27,  
The Chartered Builder (Australia)

Part 4 - Sequential Lump Sum Tendering vs Project  
Management - Vol. 29, The Chartered Builder  
(Australia)
Vernon Ireland (cont.)

HONORS (including societies)

Bachelor of Engineering
Bachelor of Arts
Master of Engineering Science
Member of Institution of Engineers of Australia
Member of Australian Institute of Building

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1. Organizational Forms
2. Performance Criteria for Organizational Forms
3. Tools for Evaluating Organizational Forms
4. Tools for Management of Construction
5. Thesaurus Compilation
NAME: Irwig, Henry George

ADDRESS: Department of Civil Engineering
Case Western Reserve University
Cleveland, OH 44106

PROFESSIONAL EXPERIENCE (positions held/when)

1978 - Present: Associate Professor of Civil Engineering, Case Western Reserve University, Cleveland, OH

1977: Research Associate in Civil Engineering, Massachusetts Institute of Technology, Cambridge, Massachusetts

1970 - 1977: Lecturer in Construction Management, Department of Building Science, University of the Witwatersrand, Johannesburg, South Africa

1967 - 1970: Partner in J.C. Cook & Cowen, Architects, Johannesburg, South Africa

PUBLICATIONS


HONORS (including societies)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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</tr>
</tbody>
</table>
NAME

Joglekar, H. N.

ADDRESS

Housing & Urban Development Corp., Ltd.
12-A Jamnogu House
New Delhi 110011, India

PROFESSIONAL EXPERIENCE (positions held/when)

Responsible for Design and Research Work Conducted and Organized by HUDCO Including Low Cost Housing Demonstration Projects, Designing a Number of Housing Schemes and Two Townships

Experience in Field of Industrial Development Responsible for Planning Number of Industrial Estates and Large Industrial Townships in State of Gujarat

Worked on Civic Design and Urban Renewal Projects for Town Centre Re-Development, Slum Clearance, Recreational Development, Various Housing Schemes in London

HONORS (including societies)

Bachelors in Architecture
Masters in Housing, Planning and Building from the Netherlands

PRIROrITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

Organizational Forms
Criteria for Organizational Forms
Tools for Evaluating Organizational Forms
Tools for Management of Construction
Thesaurus Compilation
NAME: Koch, Janet Ann (formerly J. A. K. Rosso"
ADDRESS: Apt. 221
730 24th Street, N. W.
Washington, DC 20037

PROFESSIONAL EXPERIENCE (positions held/when)

<table>
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<tr>
<th>From</th>
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<tr>
<td>Sep 79-Present</td>
<td>Young Professional, World Bank, Washington, DC</td>
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<tr>
<td>Jun 77-Aug 79</td>
<td>Research Associate, Dept. of Civil Engineering, M.I.T., Cambridge, MA</td>
<td></td>
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<tr>
<td>Jun 77-Aug 79</td>
<td>Consultant, CMT Incorporated, Cambridge, MA</td>
<td></td>
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<tr>
<td>Jun 77-Jun 78</td>
<td>Postdoctoral Fellow, School of Humanities &amp; Social Science, M.I.T., Cambridge, MA</td>
<td></td>
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<tr>
<td>Jun 77-Jun 77</td>
<td>Graduate Research Assistant, Dept. of Civil Engineering, M.I.T., Cambridge, MA</td>
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<tr>
<td>Jun 78-May 69</td>
<td>and</td>
<td></td>
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<tr>
<td>Jun 70-Aug 71</td>
<td>Undergraduate Research Assistant, Dept. of Civil Engineering, M.I.T., Cambridge, MA</td>
<td></td>
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<tr>
<td>Jun 69-Aug 69</td>
<td>Student Engineering Assistant, Barton-Aschman Associates, Inc., Chicago, IL</td>
<td></td>
</tr>
</tbody>
</table>

PUBLICATIONS


Rosso", Janet Ann Koch and Fred Moavenzadeh, The Construction Industry in Developing Countries, TAP Report No. 75-4a, Technology Adaptation Program,


Rosson, Janet A. K. and Fred Mouavenzadeh, Productivity and Technology Change in Construction, Paper presented at the ASCE Spring Convention, Boston, Massachusetts, April 2-6, 1979.

Janet Ann Koch (cont)


HONORS (including societies)

Mellon Foundation Postdoctoral Fellowship, Jan 77 to Jan 78
Sloan Research Traineeship, Sep 74 to Oct 75
Tucker-Voss Award, 1974
NSF Graduate Traineeship, Sep 71 to Oct 72
Society of Sigma Xi
Tau Beta Pi
Chi Epsilon Fraternity

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1. Organizational Forms
   Performance Criteria for Organizational Forms
   Tools for Evaluating Organizational Forms

2. Tools for Management of Construction
   Thesaurus Compilation
NAME: Larow, Richard E.

ADDRESS: Construction Engineering and Management
Department of Civil Engineering
2070 Neil Avenue
Columbus, OH 43210, U.S.A.

PROFESSIONAL EXPERIENCE (positions held/when)

1978-Present Certified Cost Engineer
1974-Present The Ohio State University, Associate Professor of
Civil Engineering, Construction Engineering and
Management
1963-Present Self-employed - Consulting
1958-Present Licensed Professional Engineer (Architectural, Civil,
and Mechanical) and Land Surveyor
1955-1971 Self-Employed - General Contracting and Engineering
1954-1959 U.S. Army Corps of Engineers
1953-1955 Active Duty, Unit Commander
1951-Present Master Plumber
1942-1974 Family-Owned Mechanical Contracting Company

PUBLICATIONS

Larow, R. E., A Quantitative Approach to Estimating and Pricing in a Construction

Causes of Low Profits and High Rate of Failure in Contract Construction,
Proceedings, Thirty-First Annual Ohio Transportation Engineering Confer-
ence, ODOT/OCA, Columbus, OH, April 1977, pp. 15-71

Larow, R. E., R. E. Larow, J. C. Bercher (Hon.), J. F. Wes, Jr., P. E. Red and
R. C. Jones, Delays in Nuclear Power Plant Construction, U.S. EPA, Conv-
tract No. E (11-1)-4171, December 1977

Larow, R. E., and Don L. Rudolph, "Rejoinder to a Bidding Strategy for Compe-
3-16, 25-26
Richard E. Larew (cont)


HONORS (including societies)

- American Association of Cost Engineers
- American Institute of Constructors
- American Institute of Industrial Engineers
- American Society of Civil Engineers
- American Society for Engineering Education
- American Statistical Association
- National Society of Professional Engineers
- Merit Award (Residential Design) of the Iowa Home Builders Association and the Iowa State University Department of Architecture (1965)
- Award of Merit (Residential Construction), Homes for Better Living of the American Institute of Architects, House & Home, and The American Home (1967)

PRIORITY RANKING OF INTEREST IN W-65 CHAPTER (1 = highest priority)

<table>
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</tbody>
</table>
BIOGRAPHIC INFORMATION FORM

NAME: Law, Alastair C.

ADDRESS: Matthew, Marshall, & Partners
3222 N. Street, N.W.
Washington, DC 20007

PROFESSIONAL EXPERIENCE (positions held/when)

1966 - Present USA Executive Partner in Charge of Construction Cost Management Services

1966 - Present Partner, Robert Matthew, Johnson-Marshall and Partners

1952 - 1966 UK - Various Consulting and Research Posts in Public and Private Sectors

PUBLICATIONS


HONOURS (including societies)

Fellow, Royal Institute of Chartered Surveyors
Member, Society of American Value Engineers
Member, USNC/CIB W-65 Committee
Adjunct Professor, Construction Economics/Construction Management, School of Architecture & Planning, Howard University, Washington, DC

PRIORITY RANKING OR INTEREST IN W-65 CHARTER (1 = highest priority)

4 Organizational Forms
3 Performance Criteria for Organizational Forms
2 Tools for Evaluating Organizational Forms
1 Tools for Management of Construction
5 Thesaurus Compilation
NAME
Lazar, Benjamin E.

ADDRESS
Associate Professor of Civil Technology and
Head, Construction Program
University of Houston
College of Technology
Houston, TX 77004

PROFESSIONAL EXPERIENCE (positions held/when)

Monit - Lavoie - Nadon, Consulting Engineers, Montreal
Senior Design Engineer, in Charge of Structural Design
of HABITAT 67 House Units for the 1967 World Exposition

Rust Engineer Co., Montreal - Senior Structural Engineer
in Charge of the Design of a Refiner Groundwood Pulp
Mill for Canadian International Paper, Ltd

Foundation of Canada Engineering Corporation Ltd., Montreal,
Design Engineer - Structural Design on Several Industrial
and Office Building Projects: Conveyors for Fiberglass
Plant, Candiac, Quebec; Pile Foundations for "Liquid
Air," Vancouver, Washington; Cement Plant for Canada
Cement, Brokville, N.S.; Paper Warehouse for E.B. Eddy
Co., Hull, Quebec; Office Building for Royal Bank of
Canada, Quebec City, Quebec

Quebec Hydro-Electric Commission, Montreal - Senior Civil
Engineer in Charge of Design for the Rapide de Quinze
Dam Notre Dame du Nord, Quebec

Logging Research Associates, Montreal - Consultant for
Stress Analysis and Stability Problems

Gerzi-Textile-Organization, Consulting Engineering, Zurich,
Switzerland - Design of Reinforced and Prestressed Concrete
Elements and Systems for Industrial Structures,
Warehouses, Cooling Towers - Design of Roads, Sewers,
Water Supply Systems and Underground Construction - Stream
Deviation Studies

Precast Concrete Co., Progresul, General Contractors and
Precast Concrete Manufacturers and Erectors, Engineer -
Design and Supervision of Precast and Prestressed Concrete
Structures

Doric Vaults, Inc. Houston, Texas, Consultant for Precast
Concrete Technology
Benjamin F. Lazar (cont)

Associated Testing Laboratories, Houston, TX Consultant for Construction Materials Testing

Consultant for Stress Analysis, Structural Engineering and Piping Engineering to the Following Companies:
Erhardt Division of Proncon Incorporated
S.I.P. Inc.
G.E.N. Engineering Inc.
The Lummus Company
Foster Wheeler Energy Corp.
Celanese Chemical Company
Southland Paper
Arco Chemical Company
Houston General Insurance Company
Houston Metal Recovery Company

PUBLICATIONS


Lazar, B., "Advanced Reinforcing Techniques for Precast Concrete," Construction, October 1959

Lazar, B., Model Investigation of Cable Stayed Bridges, Sir George Williams University, 1969-1970

Report No. 1, Preliminary Considerations
Report No. 2, Influence Lines for Cable Stayed Bridges
Report No. 3, Structural Analysis of Cable Stayed Bridges
Report No. 4, Nonlinear Behavior
Report No. 5, Post-Tensioning of Cables
Report No. 6, Conclusions


Lazar, B., A Model Technique for Analysis of Structures Displaying Geometrical Nonlinearity, Paper presented at the October 1971 Meeting of the Society for Experimental Stress Analysis

Lazar, B., Model Investigation of Cable Stayed Bridges, Paper presented at "CanCam 71," the Third Canadian Congress of Applied Mechanics, University of Calgary, May 1971

Lazar, B., A Technique for Determination of Two Dimensional Joint Displacements, Experimental Mechanics, February 1973

Lazar, B., Load Balancing of Steel Structures, Proceedings of the American Society of Civil Engineers, Journal of the Structural Division, August 1972
Lazar, B., Analysis of Cable Stayed Bridges by the Stiffness Method, Proceedings of the American Society of Civil Engineers, Journal of the Structural Division, July 1972


Lazar, B., Tubular Rigid Connections, Research Report No. 1, Sir George Williams University, Faculty of Engineering, 1971

Lazar, B., A Model Technique for Analysis of Structures Displaying Geometrical Nonlinearity, Experimental Mechanics, May 1972

Lazar, B., Tubular Rigid Connections, Final Report, Sir George Williams University, Faculty of Engineering, 1972

Lazar, B., Moment Connections Between Square Tubular Sections, paper presented at CanCam 1973, the Canadian Congress of Applied Mechanics, May 1973

Lazar, B., Strengthening of an Industrial Structure to Resist Increased Loads, Paper presented at the 1974 Spring Meeting of the American Society of Civil Engineers, Texas Section

Lazar, B., A New Course on Prefabricated Concrete Systems, Paper presented at the 1974 meeting of the International Association of Housing Science held in Montreal, Canada

Lazar, B., Education and Training of Professionals for the Prefabricated Concrete Industry, Paper presented at the 1975 annual meeting of the American Society of Civil Engineers held at Kansas City, Missouri


Discussion of Paper No. 9151, Design of Cable Stayed Girder Bridges, Proceedings of the American Society of Civil Engineers, Journal of the Structural Division, May 1971
HONORS (including societies)

- Pier Fellowship awarded by the National Research Council of Canada
- American Society of Civil Engineers, Member
- Texas Society of Professional Engineers, Member
- Corporation of Professional Engineers of Canada, Member
- Associated General Contractors of America, Member
- American Institute of Constructors, Member
- American Society for Engineering Education, Member
- American Society of Professional Estimators, Member
- American Association of Cost Engineers, Member

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

- Organizational Forms
- Performance Criteria for Organizational Forms
- Tools for Evaluating Organizational Forms
- Tools for Management of Construction
- Thesaurus Compilation
NAME Levitt, Raymond F.

ADDRESS Department of Civil Engineering
Stanford University
Stanford, CA 94305

PROFESSIONAL EXPERIENCE (positions held/when)
1980-Present (Stanford) Associate Professor of Civil Engineering
1979-1980 (MIT) Associate Professor of Civil Engineering
1975-1979 (MIT) Assistant Professor of Civil Engineering

PUBLICATIONS

"Legal Aspects of Scheduling Techniques for Contractors," Stanford University Construction Institute, Working Papers, 1976

"Reducing Construction Accidents - Top Management's Role," with Henry W. Parker; accepted for publication in ASCE Journal of the Construction Division, February 1975


"The Human Element in Project Control Systems," with Robert D. Locher; Project Management Institute Annual Symposium, Montreal, Canada, October 1976


Levitt, R. E., An Analysis of Non-Apprentice Forms of Training in Construction, with Robin R. Cababa, September 1976

Levitt, R. E., Financing Operations of American Contractors in Developing Countries, with Jozef Kesselman, September 1976

Levitt, R. E., Applications of Modern Organization Theory to Prediction of Conflicts and Organizational Design on Major Construction Projects, with Lamberto Andreotti, February 1977
Raymond F. Levitt (cont)

Levitt, R. E., Problems Facing a Foreign Contractor in Saudi Arabia, with Francesco Bachetoni, February 1977

Levitt, R. E., Investigation of Alternative Methods for Measuring the Size of the Non-Union Sector of the Construction Industry, with Royce Reinecke, February 1977

Levitt, R. E., The Third Harbor Crossing: A Rational, Organizational and Political Analysis, with Louis M. Wenick, February 1977, supervised with David Major

Levitt, R. E., A Comparison of Occupational Structure in Union and Non-Union Residential Construction, with James Blaney, June 1977, supervised with James Becker

Levitt, R. E., The Construction Manager at Work: Determining His Activities, Roles, and Time Allocation by Structured Observation, with William L. Jones, June 1977

Levitt, R. E., The Regulation of Construction Safety in the USA and in France: A Comparative Study, with Fernand de Waziers, June 1977

Levitt, R. E., The Role of the Teamsters Union in the Construction Industry, with William P. Fogarty, September 1977

Levitt, R. E., Subcontracting in the U.S. Construction Industry, with Michael J. Machnik, September 1977

Levitt, R. E., Industrialized Housing: The Closed Wall Panel Approach, with David Peters, September 1977, supervised with James Becker

Levitt, R. E., The Analysis of Risk in Transportation Construction, with Michael Dziekan, June 1978

Levitt, R. E., Project Organization for Renovation Work, with Kenneth Hoffman, June 1978, supervised with James Becker

Levitt, R. E., Incentives for Worker Input for Control Systems in the Construction Industry, with Richard Burns, September 1978


"Organization of Work in Construction," Chapter in Human Factors in Civil Engineering, edited by Martin Helander (in publication for Wiley Interscience)
Raymond E. Levitt (cont)

"Cooperative Control Systems for Improving Construction Productivity," prepared for National Center for Productivity and Quality of Working Life, with R. H. Burns, M.I.T., Department of Civil Engineering, Publication No. 630, June 1978


"A Quantitative Method for Analyzing the Allocation of Risks in Transportation Construction," with David B. Ashley, Robert D. Logecher and Michael W. Dziekan, M.I.T., Department of Civil Engineering, Publication No. 640, February 1979


Raymond E. Levitt (cont)

Levitt, R. E., Application of Planned Change Techniques to Project Management in Construction, with Roy Morgan, February 1980


Levitt, R. E., A Comparison of Occupational Structure in Union & Nonunion Commercial/Industrial Construction, with Steve Danato, May 1980

Levitt, R. E., The Entry of Women into the Construction Industry: Issues and Perspectives, with Steve Eastis, May 1980

Levitt, R. E., The Impact of Organizational Structure on Design Construction of Subway Tunnels with Muhamad Al-Momen, May 1980


Levitt, R. E., Coordination Problems in Fast Track Commercial Construction, with Andrea White, May 1980


HONORS (including societies)

Roberts Construction Prize: Best Graduating Civil Engineer, 1971
University Council Scholarship, 1972-1975
Stanford Construction Institute Fellowship, 1973-1975
Elected to Sigma Xi, 1975
American Society of Civil Engineers, Associate Member since 1974
Boston Society of Civil Engineers — Division of American Society of Civil Engineers, Associate Member since 1978
Project Management Institute, Member since 1972
U.S. National Committee on Tunneling Technology, 1979-1982
National Research Council, U.S. National Committee on Tunneling Technology (NAS/NAE), July 1, 1979-June 30, 1982
A.S.C.E. Construction Division Publication Committee, 1980
Organizational Forms
Performance Criteria for Organizational Forms
Tools for Evaluating Organizational Forms
Tools for Management of Construction
Thesaurus Compilation
W-65

BIOGRAPHIC INFORMATION FORM

NAME:

Logeher, Robert D.

ADDRESS:

Massachusetts Institute of Technology
Department of Civil Engineering
Room 1-25B
Cambridge, MA 02139

PROFESSIONAL EXPERIENCE (positions held/when)

1964-Present Professor at the Massachusetts Institute of Technology

1974-1978 Special Systems Analyst, C. F. Atkinson Co.,
San Francisco, CA


1964-1965 Engineering, Part-time, LeMessurier Associates

1961-1962 Instructor, Part-time, M.I.T.

PUBLICATIONS

Logeher, R. D., J. M. Biggs, and H. N. Wenke, "The Use of STRIDL in Reinforced Concrete Building Design," ACI Committee 188 Computer Symp. Proc., American Concrete Institute, Michigan, 1971


Logeher, R. D., and J. J. Folinas, "Interactive ICF under TACO," M.I.T., Department of Civil Engineering, Research Report No. R73-10
Robert B. Logeher (cont)


Logeher, R. B. and K. A. Wells, Data Management for Integrated Design and Management Systems, ASCI Meeting Preprint 2503, April 1975


Logeher, R. B., and K. E. Levitt, The Human Element in Project Control Systems, Project Management Institute Annual Symposium, Montreal, Canada, October 1976


Logeher, R. B., Productivity Improvement Study-Summary Cost Report, M.I.T., Department of Civil Engineering, Cambridge, MA, R77-43, December 1977

Logeher, R. B., H. Moran, N. Granot, J. Raviv, B. Raz, and D. Weiss, Summary Report - Project for Innovation and Improvement in Housing, Building Center of Israel, Tel Aviv, Israel, January 1978

Robert D. Logcher (cont)


HONORS (including societies)

American Society of Civil Engineers
National Society of Professional Engineers
Massachusetts Society of Professional Engineers
Sigma Xi
Project Management Institute
NSF Graduate Cooperative Fellow, 1959-1961
NSF Graduate Fellow, 1961-1962
Ford Foundation Postdoctoral Fellow, 1962-1964
Moiseiff Award, ASCE, 1974
Robert D. Logcher (cont)

**PRIO RTY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)**

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</tbody>
</table>
NAME: Messer, Gideon

ADDRESS: 5 Hakeshet Street
Mt. Carmel, Haifa
ISRAEL

PROFESSIONAL EXPERIENCE (positions held/when)

1965 - Present  General Management of MRB Engineering Company
1963 - 1965  Chief Engineer of a Contractor (airfields, roads, etc.)
1960 - 1963  Resident Engineer, National Water Carrier
1953 - 1960  Planning and Execution of Irrigation and Drainage Schemes

PUBLICATIONS

HONORS (including societies)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

- Organizational Forms
- Performance Criteria for Organizational Forms
- Tools for Evaluating Organizational Forms
- Tools for management of Construction
- Thesaurus Compilation
W-65

BIOGRAPHIC INFORMATION FORM

NAME: Miners, Trevor W.

ADDRESS: National Building Research Institute
P. O. Box 395
Pretoria, 0001
SOUTH AFRICA

PROFESSIONAL EXPERIENCE (positions held/when)

1964-Present Division Head, Methods and Applied Economics Division, N.Buil.R.I.

1960-1964 Research Officer - N.Buil.R.I.

1951-1960 Quantity Surveyor - Partner

1950-1951 Quantity Surveyor - Professional Firm

PUBLICATIONS

Miners, T. W., Communications and Cost Control in the Building Industry, CSIR Special Report BOU 24, Pretoria, CSIR, 1971, p. 95


Miners, T.W., The Importance of Organization and Methods in Mass Housing, Presented at the S.A. Architectural Students’ Conference on Housing, University of Pretoria, April 1965


Miners, T. W., The Role of Research in Promoting Greater Efficiency in Building, Cape-Build Conference, Cape Town, May 1977
Trevor W. Miners (cont)


Miners, T. W., The Housing Scene - Present and Future, Home Builders Congress, Johannesburg, September 7-8, 1977

Miners, T. W., The Quality Surveyor - A Cost Estimator or a Cost Manager, Presented at Project Management Seminar, School of Business Leadership, UNISA, Pretoria, October 1977

Miners, T. W., The Economics of Building Maintenance, Paper delivered at a Seminar 'Technological and Cost Problems at the Maintenance of Buildings' presented by the South African Institute of Building Science Practitioners, on Friday, June 1978


HONORS (including societies)

D.Sc. (Q.S.) Pretoria
Registered Quantity Surveyor (R.Q.S.)
Member - Association of S.A. Quantity Surveyors
(M.A.S.A.Q.S.)
Associate - Royal Institution of Chartered Surveyors
(London) (A.R.I.C.S.)
Council Member - Council for S.A. Quantity Surveyors

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1. Organizational Forms
2. Tools for Management of Construction
3. Tools for Evaluating Organizational Forms
4. Performance Criteria for Organizational Forms
5. Thesaurus Compilation
NAME          Morgan, Peter

ADDRESS       Department of Civil Engineering
               University of Melbourne
               Parkville, 3052, Victoria
               AUSTRALIA

PROFESSIONAL EXPERIENCE (positions held/when)

1969-Present Lecturer, then Senior Lecturer, University of Melbourne; Engineering Practices, Construction Management, Structural Analysis and Design

1966-1968 Lecturer in Civil Engineering, Preston Institute of Technology, General Engineering plus Structural Analysis and Design

1958-1959 Civil Engineer; Scott and Furphy, Consulting Engineers, Water Supply, Sewage, and Road Design

PUBLICATIONS

Fourteen papers published in the field of Structural Analysis and Design, particularly in relating to space frame roof systems

Three papers in the OMC area


Morgan, P., and A. McGrath, Management Games and Construction Management Education - An Attempt at Integration, Second International Symposium on Organization and Management of Construction, Haifa, November 1978


Peter Morgan (cont)

HOMOKS (Including societies)
M.E. Aust.

**PRIOIRITY RANK硬 OF INTEREST IN W-65 CICTER (1 = highest priority)**

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</tbody>
</table>
NAME: Nunnally, Stephens W.

ADDRESS: Department of Civil Engineering
North Carolina State University
Raleigh, NC 27650

PROFESSIONAL EXPERIENCE (positions held/when):

1975 - Present: Associate Professor, Department of Civil Engineering, North Carolina State University

1971 - 1975: Assistant Professor, Department of Civil Engineering, University of Florida

1969 - 1970: Assistant to District Engineer, Canaveral District U.S. Army Corps of Engineers

1966 - 1969: Director of Logistics, U.S. Army Engineer Command, Europe


PUBLICATIONS:


HONORS (including societies):

- Sigma Tau
- Tau Beta Pi
- American Society of Civil Engineer (Fellow)
- American Society for Engineering Education
- Society of American Military Engineers
- American Road and Transportation Builders Association
- American Men and Women of Science
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</tbody>
</table>
NAME: Orhon, Imre

ADDRESS: Yapi Arastirma Kurumu
Mimarlik Fakultesi
Teknik Universite
Istanbul - Turkey

PROFESSIONAL EXPERIENCE (positions held/when)

1971- Assistant Professor at the Faculty of Architecture
1968-1971 Architect at the I.T.U. Construction Department
1967-1968 Research Fellow at the Research Project for Housing Regulations in Turkey, Directed by Professor N. Suher

PUBLICATIONS

Orhon, I., U. Guven, and V. Dincer, Building Production and the Need Increasing its Effectiveness, printed by mince in Turkish, 1972

Orhon, I., S. Cakin, U. Diner, Economic Decision Making Models, printed in Turkish, 1973

Orhon, I., A Method for Identifying the Problem Points in the Communication with the Aim of Increasing the Effectiveness of Building Productions, Istanbul; I.T.U. Faculty of Architecture Pub., 1976 (Dissertation in Turkish), 1976


Orhon, I., Organizational and Technical Dimensions in Designing Production Systems, Proceedings of the Symposium on Building Production, Izmir, Turkey

Orhon, I., A Method to Identify the Communications Problems in the Organizations, Proceedings of CIB Congress 1977 Edinburgh, col. 99-103

Orhon, I., Management: A Tool to Increase the Effectiveness of the Organizations, Proceedings of CIB W-65 Second Symposium on Area and Management of Construction, 1978

Orhon, I., Managerial Approaches to the Rationalization of Building Production, Proceedings of First Architectural Science Congress, Sept in Ankara, Turkey
1. Orion (cont.)

Orhon, I., A Project Management Approach for Time and Cost Control in Build Production, Printed in mimeo in Turkish

HONORS (including societies)


March, 1976 Doctor of Engineering (I.T.U.)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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</tbody>
</table>
BIографICAL INFORMATION FORM

NAME

Parsons, J

ADDRESS

Nordic Ventures Limited
33 Welbeck Street
London W1
GREAT BRITAIN

PROFESSIONAL EXPERIENCE (positions held/when)

1969 - Present
Managing Director of Nordic Ventures Ltd.

1978 - 1980
Director of Action Research, Ltd.,
Management Consultancy Firm

1974 - 1975
Senior Research Fellow, Stockholm School of
Economics

1975 - 1978
Research Officer, FA Council

1973
Research Assistant, Stockholm University

PUBLICATIONS

Parsons, J., Building Workers' Motivation at Work, 1972

Parsons, J., Workers' Participation and Management, 1972

Parsons, J., Production Planning and Organizational Behavior, 1978

1969 - 1980, a number of articles on organization management and
instruments in the construction industry, management training
and strategic planning

INTERESTS (including societies)

BRIEFLY RANKING OF INTERESTS: A key (CHAPTER 3) highest priority

- Organizational forms
- Performance criteria for organizational forms
- Tools for evaluating organizational forms
- Tools for management of construction
- Theoretical implications
W-65
BIOGRAPHIC INFORMATION FORM

NAME Pavlidou, Maria T.

ADDRESS 3, Tsiroyianni Str., Thessaloniki, GREECE

PROFESSIONAL EXPERIENCE (positions held/when)

1965-1966 Assistant, Chair of Structural Analysis, University of Thessaloniki

1967-Present Ministry of Public Works, Staff Engineer, Senior Engineer, Assistant Administrator of Highway and Port Construction, District Administrator of Public Works

1971-Present Research Scientist, University of Thessaloniki, Engineering School, Chair of Construction Equipment and Organization

1973-Present Extensive Lecturing in Seminars

PUBLICATIONS

Pavlidou, M. T., Linear Programming - Theory and Practice, Thessaloniki, 1972, pp 370, two editions (in Greek)

Pavlidou, M. T., Introduction to Data Processing, Athens, 1972, pp 70 (in Greek)

Pavlidou, M. T., Time Scheduling in Construction, Thessaloniki, 1973, pp 70 (in Greek)

About 30 articles in scientific journals and Proceedings of Symposia and International Meetings. Mimeographed notes of lectures and seminars.

HONORS (including societies)

Diploma in Civil Engineering
Master of Science in Greece
Association of Civil Engineers of Greece
Operational Research Society of Greece
Operations Research Society of America
The Institute of Management Science
Data for Development Organization
PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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</table>
W-65
BIOGRAPHIC INFORMATION FORM

NAME        Peer, S.
ADDRESS     Technion, Israel Institute of Technology,
            Faculty of Civil Engineering
            Haifa, ISRAEL

PROFESSIONAL EXPERIENCE (positions held/when)

PRESENT     Associate Professor, Head Dept of Construction
            Management and Economics

PUBLICATIONS
Parameters of Construction Time
Economic Analysis of Housing Construction Methods
CPT - A New Approach to Construction Methods
Effect of Division of Project on Housing Construction Cost
Analysis of Cost-Flow Curves in Construction
Unproductive Time in Building Operations
Video Tape Recording for Site Studies
Optimization of Location of Facilities on the Building Site
Communications Problems in the Building Industry

HONORS (including societies)

Member of Advisory Board - International Association
for Housing Science
Goldstein Prize for Building Research (awarded by
Israel Building Centre)

PRIORIT Y RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

_____ Organizational Forms
_____ Criteria for Organizational Forms
_____ Tools for Evaluating Organizational Forms
_____ Tools for Management of Construction
_____ Thesaurus Compilation
W-65
BIOGRAPHIC INFORMATION FORM

NAME
Pigott, Pierce T.

ADDRESS
An Foras Forbartha
St. Martin's House
Waterloo Road
Dublin 4
IRELAND

PROFESSIONAL EXPERIENCE (positions held/when)
1969 - Present Assistant Senior Research Officer (Management
and Economics) An Foras Forbartha

PUBLICATIONS
1968, Technical Documentation for the Building Industry
1969, Project Planning for Builders - Bar Charts
1971, Operational Estimating for Builder - Networks
1971, Operational Estimating for Builders
1972, Finance for Builders - Cash Flow Planning
1973, A Productivity Study of House Building
1971, Management for the Design Team Editor and Contributor
1974, Budapest paper - Factors Influencing Productivity in House Building
   (CIB VI Congress, Budapest)
Pigott, P. Irish Building Specification, 1976

HONORS (including societies)
Chartered Engineer
Member of Institution of Engineers of Ireland
Member of Institution of Civil Engineers
Associate Member of American Society of Civil Engineers

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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</table>
NAME
Pilcher, Roy

ADDRESS
Department of Building
University of Manchester Institute
of Science & Technology
P.O. Box 88
Manchester M60 1QD
ENGLAND

PROFESSIONAL EXPERIENCE (positions held/when)
1972 - Present Professor of Building, University of Manchester Institute of Science and Technology
1977 - 1979 Vice-President & Deputy Principal, University of Manchester Institute of Science and Technology
1970 - 1972 Head of Management Services, Taylor Woodrow Ltd
1962 - 1970 Senior Lecturer in Construction Management, Loughborough University of Technology
1948 - 1962 Broad Experience in the Management and Design of Civil Engineering Projects

PUBLICATIONS

HONORS (including societies)
Fellow, Institution of Civil Engineers
Member, Operational Research Society
Fellow, Institute of Building
Member, American Society of Civil Engineers
Member, Institution of Structural Engineers
**PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)**

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</table>
NAME
Plaisance, Paul J., Jr.

ADDRESS
Naval Facilities Engineering Command
200 Stovall Street
Alexandria, VA 22332

PROFESSIONAL EXPERIENCE (positions held/when)
1975-Present  Chief Construction Engineer, Naval Facilities Energy Command
1973-1975  Program and Construction Manager in TRIDENT Construction Program
1971-1973  Director of Construction Division in Marianas Islands
1965-1971  Resident Engineer in Charge of Military Construction
1959-1965  Junior Engineer, Project Engineer and Resident Engineer in Design and Construction of Public Works
1954-1959  Part-time Construction Worker, Construction Inspector and Surveyor

PUBLICATIONS
Various papers and articles on construction scheduling and construction quality control

HONORS (including societies)
BS in Civil Engineering
MS in Construction Management
Member, American Society of Civil Engineers
Member, National Society of Professional Engineers
Member, Louisiana Engineering Society
Member, Society of American Military Engineers
Member, American Society for Testing and Materials
Member, National Research Council FCC Construction Management Committee
Member, American Arbitration Association Construction Industry Panel
Land Surveyor in Louisiana
Professional Engineer in Texas, Louisiana and Mississippi

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

2  Organizational Forms
3  Criteria for Organizational Forms
4  Tools for Evaluating Organizational Forms
1  Tools for Management of Construction
5  Thesaurus Compilation
NAME
Popescu, Calin Mircea

ADDRESS
Professor of Civil Engineering
Department of Civil Engineering
The University of Texas at Austin
E.C.J. 5.2
Austin, TX 78712
Phone: 512-471-1733

PROFESSIONAL EXPERIENCE (positions held/when)
Present:  Professor of Civil Engineering, Department of Civil Engineering, University of Texas, Austin, TX, September 1980

1976-1980  Associate Professor of Construction Science, College of Environmental Design, University of Oklahoma Norman, OK 73069
Six years teaching experience, Institute of Construction (four years), Univer sity of Texas at Austin (two years)
Continuing Education short courses in Construction Management in Romanio, Texas, Oklahoma, and Venezuela
Manager of the Building Sites (Residential, Civil, Industrial) Four Years
Head of Technological Group in Charge of Planning, Scheduling, Design
Deputy Manager of Data Processing Center in Charge of Planning Implementation, and Design of Computer Systems

PUBLICATIONS
Popescu, C. M. and D. Ing, 12 Network Applications in Construction Industry, Iliescu, 150 pp, Bucharest, 1972

Popescu, C. M. and J. Borcherding, How to Use CPM in Practice - Part I, Time, 162 pp, the University of Texas at Austin, 1973

Popescu, C. M., CPTM - Program and User Manual, The University of Texas at Austin, 1973

Designing Temporary Facilities for Construction Sites, 160 pp, Editure Technia, Burcharest, October 1976
Popescu, C. M., How to Use CPM in Practice, Part II, Resources, 200 pp, Austin, TX, the University of Texas, 1976


HONORS (including societies)

- American Society of Civil Engineers (member); Cost Control National Committee Member; Construction Research Council Member, Construction Equipment and Methods - Committee Chairman
- Project Management Institute (Member)
- International Association of Housing Science - Member
- Professional Registered Engineer (State of Texas, 1976; of Oklahoma, 1977)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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W-65

BIOGRAPHIC INFORMATION FORM

NAME
Prieto, Fernando

ADDRESS
Entrecanales y Tavora, S.A.
Juan de Mena 8, Madrid 14
SPAIN

PROFESSIONAL EXPERIENCE (positions held/when)

1978-Present Comptroller Activities, Spain and South America, Entrecanales
1976-1978 Comptroller Activities, Spain
1971-1976 Chief of Scheduling and Cost Controlled Depts., Spain
1965-1971 Construction Manager, Spain
1961-1965 Field Engineer
1960-1961 Structural Design Engineer

PUBLICATIONS

HONORS (including societies)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

Organizational Forms
Performance Criteria for Organizational Forms
Tools for Evaluating Organizational Forms
Tools for Management of Construction
Thesaurus Compilation
NAME: Pszenicki, M.

ADDRESS: 50, Netherhall Gardens
London, NW3 5RG
ENGLAND

PROFESSIONAL EXPERIENCE (positions held/when)
1969 - Present Lecturer - The City University, London
1954 - 1968 Deputy Editor - Journal "Investments and Construction"
1952 - 1968 Professor - Technology University, Warsaw
1952 - 1964 Head of Department - Ministry of Construction, Warsaw
1946 - 1952 Deputy Managing Director - A Group of Construction Companies
1944 - 1945 Lieutenant - Polish Army
1939 - 1943 Engineer in Charge of Projects - Construction Company
1935 - 1939 Projects Design Engineer - Consultants Office

PUBLICATIONS
Pszenicki, M., Efficiency of System Building
Pszenicki, M., Standard Output and Prices on Construction
Pszenicki, M., Economic Efficiency of Investments
Pszenicki, M., Construction Plant Costs
Pszenicki, M., Estimating and Pricing of Construction Works

Paper: Sixty fours papers published

HONORS (including societies)
M.I.C.E. G.B.
Eleven medals and distinctions (war and peace time)
**Priority Ranking of Interest in W-65 Charter (1 = highest priority)**

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</table>
NAME          Raj, Mulkh

ADDRESS       Housing & Urban Development Corp., Ltd.
              12A Jamnagar House
              New Delhi 110011, INDIA

PROFESSIONAL EXPERIENCE (positions held/when)

Specializing in Field of Carrying Out Housing Field Surveys,
Organizational Studies, Estate Management Department, Developing
Information System in Housing Agencies.

Editor of SHELTER - Magazine of HUDCO

Trained in Management Information System Computers and Operational
Research at Indian Institute of Management, Bangalori

Various National Research Institutions, Planning Commission and
Government Departments

Examine and Visiting Faculty Member for Research and Training
Institutes

PUBLICATIONS

Many Publications in the Field of Housing, Urban Development, Organizational
Concepts, Information Systems, Inc.

HONORS (including societies)

Certificate in Social Research for Development from Centre for
Urban Studies - University College, London

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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_____ Thesaurus Compilation
NAME
Rau, A. Nagabhushana

ADDRESS
The Hindustan Construction Co. Ltd.
"Construction House"
Walchand Hirachand Marg
Ballard Estate
Bombay 400 038
INDIA

PROFESSIONAL EXPERIENCE (positions held/when)
1978 - Present General Manager, Hindeda Construction Co. Ltd.
1978 (May) Joint General Manager
1976 - 1978 Dy. General Manager (All India Operations)
1963 - 1976 Dy. General Manager
1961 - 1963 Assistant General Manager
1944 - 1961 Engineer, Engineer-in-Charge and Project Manager - on various project works of the Company

PUBLICATIONS
Published about 45 articles both in National and International Magazines, on -
Construction Management
Construction Plant - Equipment & Plant Layout
Man Management Problems in Construction Industry
Execution of Projects

Have written for UNIDO -
Construction Industry on India (Country Study)
Construction Industry in India - Present Situation and Trends
Industrial Construction in Developing Countries - Based on Indian Experience

HONORS (including societies)
Members of various Committees Appointed by the Government of India, viz.
High Power Committee to review Cost Control on River Valley Projects
Committee of Technical Officers to examine in detail and recommend measures to improve contract documents provisions of infrastructure facilities etc., so as to promote economy on projects cost and expedite construction of irrigation and multi-purpose projects
Committee to examine the cost of construction and maintenance of roads by Border Roads Organization
Invited by TIMS ZZIII - ATHENS - July 77
On the Roster of Asian Development Bank as Individual Consultant
On the Roster of UNDP as Individual Consultant
Delegate to overseas Conferences on behalf of national Committee on Large Dams - Madrid 1973, Mexico 1976, Salzburg 1978, New Delhi 1979

UNIDO Assignments
1973 - Vienna "Expert Group Meeting - Construction Industry in Developing Countries"
1974 - Vienna "Expert - Industrial Construction in Developing Countries"
1980 - 'Chief Expert' (Honorary) - Asian productivity Organization Tokyo - on Survey of Transfer and adoption of Technology in construction Industry - being undertaken 1980-1982

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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</tbody>
</table>
NAME: Reese, Edward F., Jr.

ADDRESS: 8912 North 80th Place
Scottsdale, AZ 85258
USA

PROFESSIONAL EXPERIENCE (positions held/when)

1978-Present: Senior Project Manager and Owner's Representative for new Hotel Casino Project, Ramada Inns, Inc., Phoenix, Arizona, USA

1976-1978: Construction Manager for Convention and Recreation Center, Project Coordination Division, J. D. Diffenbaugh, Inc., Riverside, California, USA


1972-1973: Project Manager for New Full Services Fairfax County Hospital, Project Management Division, McKee-Berger-Mansueto, Inc., Washington, DC, USA

1971-1972: Assistant Project Manager for Planning and Scheduling for complete new Boston Campus of University of Massachusetts, McKee-Berger-Mansueto, Inc., Boston, Massachusetts, USA


1966-1967: Self-employed

PUBLICATIONS


Organization of San Francisco Unified School District Design/Construction Department, International Management Systems Association, September, 1976

United States Postal Service Cost Estimating Manual, Chapter 12 - "Planning and Scheduling of New Priority Mail Facilities"

Edward F. Reese, Jr. (cont)

HONORS (including societies)

American Society of Civil Engineers, Member Construction Division's Subcommittee on Professional Construction Management

American Association of Cost Engineers, member
Project Management Institute, member

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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</table>
NAME
Rumble, J. D.

ADDRESS
Department of Civil Engineering
University of Florida
Gainesville, FL 32611

PROFESSIONAL EXPERIENCE (positions held/when)
1975-Present  Associate Professor, Department of Civil Engineering
University of Florida

1972-1975  Officer in Charge of Construction, U.S. Navy Contracts,
Spain

1969-1972  Director, Base Master Development Planning and Facilities
Planning, U.S. Navy

1966-1969  Staff Civil Engineer, Joint Staff, U.S. Department of
Defense

1964-1966  Commanding Officer, Naval Construction Battalion, US Navy

1961-1964  Various Assignments in Charge of Planning, Design,
Construction, Authorization, and Maintenance of Public Works
and Facilities

PUBLICATIONS
Demands and Goals in Construction Engineering Education, Proceedings of the
CIB W-65 2nd International Symposium on Organization and Management of
Construction, Haifa, Israel, October 31-November 2, 1978

HONORS (including societies)
Tau Beta Pi Epsilon

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

Organizational Forms
Performance Criteria for Organizational Forms
Tools for Evaluating Organizational Forms
Tools for Management of Construction
Thesaurus Compilation
NAME
Schaefer, Gyorgy

ADDRESS
Institute for Building Economics and Organization EGSZI
H-1027 Budapest, Csalogan u. 9.
HUNGARY

PROFESSIONAL EXPERIENCE (positions held/when)
1965-Present  Technical Director
1949-1968  Ministry of Building
Production of Chief Engineer
Deputy Head of Division of Technical Development

PUBLICATIONS
Schaefer, G., The Peculiarities of the Division of Labour in the Building Industry, Published by a Conference of the Hungarian Scientific Society for Building, 1972
Schaefer, G., Some Problems of General Contracting in Hungary, Published by the Poznan Conference of the Polish Association of Architects and Engineers, 1972
Schaefer, G., Reflections on the Experimental Forecasting of Building Research, CIB Congress 1974 Budapest
Schaefer, G., General Contracting Experiments in Joint Projects Magyar Epiteipar, 1976
Schaefer, G., Problems of Economics Organization in Town Building Varisepites, 1977

HONORS (including societies)
Order of Labour Government
Alpar Ignac Medal Scientific Association for Construction

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)
2  Organizational Forms
4  Performance Criteria for Organizational Forms
3  Tools for Evaluating Organizational Forms
1  Tools for Management of Construction
5  Thesaurus Compilation
NAME: Schmitz, Gunter

ADDRESS: Department of Architecture  
            School of Architecture and Environmental Design  
            State University of New York at Buffalo  
            Buffalo, New York 14214

PROFESSIONAL EXPERIENCE (positions held/when)

1970 - Present  Director of Programs in Architecture in Texas A & M University, and SUNY Buffalo

1979 - 1980  Guest courses in Industrialization in Building, Mexico and Brazil

1961 - Present  Full time university teaching since 1961 in Germany and USA

1964 - 1974  Research Architect in Hochschule fur Gestaltung, Ulm, Germany; Texas A & M University; and SUNY Buffalo

Study trips related to building technology in North-, South-, and Central America, Western-, and Eastern Europe

PUBLICATIONS


HONORS (including societies)

1975 First Award, Research Category, Progressive Architecture Annual Awards Program

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1  Organizational Forms

   Performance Criteria for Organizational Forms

   Tools for Evaluating Organizational Forms

   Tools for Management of Construction

   Thesaurus Compilation
NAME: Sey, Yildiz

ADDRESS: Teknik Univesite
           Mimarlik Fakultesi
           ISTANBUL - TURKEY

PROFESSIONAL EXPERIENCE (positions held/when)
1979-Present Present Professor, Faculty of Architecture,
                Istanbul Technical University
1972-1979 Associate Professor, Faculty of Architecture,
                Istanbul Technical University
1962-1972 Assistant Professor, Faculty of Architecture,
                Istanbul Technical University

PUBLICATIONS
Village of Vakfli, I.T.U. Mimarlik Fak Y.A.K. Seri. C

Systems Approach to the Analysis of Building Production mimeo. (Habilitation-
              schrift in Turkish) Istanbul, 1971

Content of Rural Housing Problem in Turkey: A Discussion On The Problems of
Strategy and Method Fo Determination of Alternatives. Paper given to the
seminar held by Ministry of Rural Affairs in Ankara, mimeo, (in Turkish),
1972

The Investigation of School Building Process in Turkey, together with I. Orhon,
paper given to 6th CIB Congress, Budapest, 1974

New Approaches to the Problems of Building Industry, paper Given To The Confer-
ence held by I.T.U. Mimarlik Fak Y.A.K. Mimeo (In Turkish), 1972

Basic Problems of Evaluation and Evaluation in Architectures (together with
Dr. M. Tapan), Istanbul: I.T.U. Mimarlik Fak. Seri C. Araastirmalar, 1976/Sayi.1
(in Turkish, summary in English)

Problems of the Evaluation of Architectural Competitions (together with Dr. M.
Tapan) Mimarlik 2, (in Turkish) 1976

Concepts and Fields of Research In Architecture, paper given to the Seminar of
"Post-Graduate Education in Architecture: Theory Research and Practice"
held by O.D.T.U. in Ankara 1977 (in Turkish)
Yildiz Sey (cont'd)

Notes and Observations On The Disaster Housing in Turkey, YAK Bulletin 4, (in Turkish with an English summary), 1976

Hierarchy of the Goal System of the Post-Disaster Temporary Shelters, (together with Dr. M. Tapan), paper given to the "International Seminar On Disaster Area Housing" held in Istanbul (in English), 1977

Technological Alternatives of Post-Disaster Temporary Shelters and Basic Principles of Their Evaluation (together with N. Aral), paper given to the International Seminar On Disaster Area Housing Held in Istanbul (in English), 1977

Core Housing Problems With Reference To Examples from Turkey, paper given to the 7th CIB Congress in Edinburgh (in Turkish), 1977


Management of Housing Planning and Production in Disaster Areas of Turkey, paper given to the 2th International Congress on Construction Management and Organization, Haifa, 1978

Post-Disaster Shelter Problems and Turkey, Book in Print, 1980 - Istanbul

HONORS (including societies)

Member of Turkish Chamber of Architects
Member of ITU Building Research Institution (I.T.U.Y.A.K.)
Member of Earthquake Engineering, Turkish national Committee

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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<th>Rank</th>
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</table>
W-65

BIOGRAPHIC INFORMATION FORM

NAME
Shaffer, Louis Richard

ADDRESS
U S Army Construction Engineering Research Laboratory (CERL)
P.O. Box 4005
Champaign, IL 61820

PROFESSIONAL EXPERIENCE (positions held/when)
1976-Present Technical Director of CERL
1969-1976 Deputy Director CERL
1954-1969 Faculty University of Illinois at Urbana
1952-1954 Assistant to Dir/Engineering, Sharon Steel Corp
1950-1952 Assistant to Master Mechanic, National Castings Corp

PUBLICATIONS
Numerous technical papers in operation research and computer-based systems applied to construction management in all levels of the industry.


Shaffer, L. R., Introduction to Linear Programming, Stipes Publishing Co., Champaign, IL, 1963

HONORS (including societies)

Walter L. Huber Research Prize, American Society of Civil Engineers
Meritorious Civilian Service (70-73 and 73-76)
Official Commendation
Construction Management Award, 1978
Commanders Award for Civil Service
Louis Richard Shaffer (cont)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1. Organizational Forms
2. Criteria for Organizational Forms
3. Tools for Evaluating Organizational Forms
4. Tools for Management of Construction
5. Thesaurus Compilation
NAME
Sorguc, V. Dogan

ADDRESS
Technical University of Istanbul (I.T.U.)
Insaat Fakultesi (Taskisla)
TURKEY

PROFESSIONAL EXPERIENCE (positions held/when)
1979-Present  Prof. of Construction Management, Technical University of Istanbul (I.T.U.)
1976-1979    Assoc. Prof. of Construction Management, I.T.U.
1967-1976    Head of the Option of Construction Strategy, in C.E. Dept of the Middle East Technical University (M.E.T.U.), Ankara
1973-1976    Associate Professor of Construction Management in C.E. Dept of M.E.T.U.
1967-1973    Assistant Professor of Construction Management in C.E. Dept of M.E.T.U.
1964-1967    Research and Ph.D. at the Institute of Construction Management, Technical University of Munich (T.U.M.)
1960-1962    Military Engineer in Army Corps of Engineers
1958-1960    Research Asst. at the Institute of Construction Management, T.U.M.

PUBLICATIONS
In English (E), in German (G), and in Turkish (T)


Sorguc, V. D., Construction Elements, (G) Paul Rau Buchhandlung, Munchen, 1959

Sorguc, V. D., Foundation Works - Theory and Application - (G) Paul Rau Buchhandlung, Munchen, 1959
V. Dogan Sorguc (cont)

Burkhardt, G., V. D. Sorguc, “The Dartford-Purileet Tunnel,” (G) Baumaschine and Bautechnik, August 1960 (p. 333-334)


Sorguc, V. D., Questionnaire for Turkish Construction Industry (T) M.E.T.E., C.E. Dept., 1962

Sorguc, V. D., “An Analysis of the Turkish Building Industry,” (T) Turkish Engineering News Record (Turkish Association of Civil Engineers T.A.C.E.) Nr. 106 January 1964 (p. 12-13)

Sorguc, V. D., “Modern Contractor and the Cost Functions,” (T) Turkish Engineering News Record (T.A.C.E.) Nr. 112, 113 July and August 1964 (p. 45-46 and 42-48)

Sorguc, V. D., Structure and Model of a Housing Programme for Developing Countries - through Turkish Example (G) - (Ph.D. Thesis), Institut fur Bau- betriebswissenschaft 2 Volumes, Technische Universitaet Munchen, February 1967

Sorguc, V. D., “Structure and Model of a Housing Programme for Developing Countries,” (G) Baupraxis, July 1967 (p. 21-26)


Sorguc, V. D., “Turkish Conditions, the Middle East Technical University and other Universities of the Country,” (T) Turkish Engineering News Record (T.A.C.E.) Nr. 181, April 1970, (p. 34-39)


Sorguc, V. D. and I. Toner, “Turkish Highways and the Organizational Analysis of the Turkish Highways Department,” (T) Turkish Engineering News Record (T.A.C.E.) Nr. 194, May 1971 (p. 24-27)


Sorguc, V. D., Monograph of Prefabrication in Turkey, (E) Seminar on Prefabrication in Africa and the Middle East, United Nations Industrial Development Organization (UNIDO-ID/WG 122/18) Budapest, Bucharest, March 1972


Sorguc, V. D., Analysis of the Employment Potentiality of the Turkish Construction Sector and the Design of an Optimum Techno-Economical Strategy, (T) Turkish Technical and Scientific Council (MAG-OE3), April 1972


Sorguc, V. D. and H. Ozer, "Companies and Contractors of the Turkish Construction Sector," (T) Turkish Engineering News Record (T.A.C.E.) June 1976 Nr. 215 (p. 10-22)


V. Dogan Sorguc (cont)


Sorguc, V. D., Tools for Management of Construction (T) Technical University of Istanbul (T.T.U.) Faculty of C.E. 1979


HONORS (including societies)

Member of T.A.C.E.

Member of Building Research Society (I.T.U.)
V. Dogan Sorguc (cont)

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W-65

**BIOGRAPHIC INFORMATION FORM**

<table>
<thead>
<tr>
<th>NAME</th>
<th>Tippett, H.</th>
</tr>
</thead>
</table>
| ADDRESS    | School of Architecture  
            | Victoria University of Wellington  
            | Private Bag, Wellington, NEW ZEALAND |

**PROFESSIONAL EXPERIENCE (positions held/when)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Position Description</th>
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<tbody>
<tr>
<td>1979-Present</td>
<td>Professor of Architecture, Victoria University of Wellington, New Zealand</td>
</tr>
<tr>
<td>1969-1978</td>
<td>Practice Management Consultant, Tippett Wuade Associates, Melbourne, Australia Concurrent with Senior Lectureship (Practice &amp; Management) - Department of Architecture &amp; Building University of Melbourne</td>
</tr>
<tr>
<td>1965-1968</td>
<td>Project Architect, Design Construction Group, Beirut, Lebanon, Abu Dhabi &amp; Kuwait</td>
</tr>
<tr>
<td>1958-1964</td>
<td>Darwin &amp; Alice Springs, Northern Territory and Sydney, Australia, own practice</td>
</tr>
<tr>
<td>1957-</td>
<td>Country Roads Board, Victoria, Australia</td>
</tr>
<tr>
<td>1954-1956</td>
<td>Architect, Grounds, Romberg &amp; Boyd, Melbourne, Australia</td>
</tr>
</tbody>
</table>

**PUBLICATIONS**

- Tippett, H., *Visual Communication in Architecture*, C.E. Moorehouse, Editor
- Tippett, H., *Visual Education* (Pitmans Australia), 1974
- Tippett, H., *Building Projects Investigation*, MU Faculty Arch Bldg & Plg publication, 1977
- Basic Finance - Business Decisions in Architectural Practice (MU Dept Arch & Bldg) 1975, 1978

**HONORS (including societies)**

- Bachelor of Architecture, 1955 (Melbourne)
- MBA, 1957 (Melbourne)
- Fellow, Royal Australian Institute of Architects
- Fellow, Australian Institute of Building
- Member, Royal Institute of British Architects
- Associate, Australian Institute of Management
- Member, Project Mgt Institute
H. Tippett (cont)

PRIOIRITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

Organizational Forms
Performance Criteria for Organizational Forms
Tools for Evaluating Organizational Forms
Tools for Management of Construction
Thesaurus Compilation
NAME: Torrance, V. B.

ADDRESS: J. B. Torrance & Son
Bldg. Contractors
Shalls, Lavonshire, Scotland

PROFESSIONAL EXPERIENCE (positions held/when)

1972-Present: William Watson Professor and Head of Department of Building, Heriot-Watt University, Edinburgh, Scotland, UK

1969-1972: Associate Professor and Head of Department of Building and Estate Management, Faculty of Architecture and Building, The University of Singapore

1966-1969: Senior Lecturer and Head of Building Division, School of Architecture and Building of Singapore Polytechnic

1965: Ph.D. Degree of the University of Edinburgh, for Research into Wind Effects on Buildings

1964: M.Sc. Degree by Research of Heriot-Watt University, for Windtunnel Research

1962: B.Sc.(Hons.) in Building of Heriot-Watt University, Edinburgh

PUBLICATIONS

HONORS (including societies)

Science Research Council: Member of Civil Engineering & Transport Committee, Building Sub-Committee and Energy Working Group (1976-1979)

Institute of Building: Chairman of Scottish Branch 1975 and of East of Scotland Centre (1976 and 1977)

Founder Member of Singapore Professional Centre (under auspices of the Commonwealth Foundation)(1970)

Consultant to Asian Regional Institute for School of Building Research, Colombo, Sri Lanka (1970)

Founder Member and Honorary Secretary, The Institute of Building Singapore and Malaysia Centre (1968)
Member of National Council of Chartered Institute of Building
(Various external examinerships) (1974-1979)

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

1. Organizational Forms
2. Criteria for Organizational Forms
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5. Thesaurus Compilation
W-65
BIOGRAPHIC INFORMATION FORM

NAME Vigil, Manuel

ADDRESS Entrecanales y Tavora, S.A.
Juan de Mena 8, Madrid 14,
SPAIN

PROFESSIONAL EXPERIENCE (positions held/when)

1978-Present Counselor, Developing Construction Management Systems for Entrecanales y Tavora, Spain
1973-1978 Organization and Management Counselor for E y T, Spain
1969-1973 Deep Foundations Construction Company, Director, Spain
1967-1969 Consulting Engineer, Cooling Warehouses, Spain
1963-1967 Chemical Industry, Project Manager, Spain
1961-1963 Partner, Steel Structure Construction Company, Puerto Rico
1958-1961 General Contractor, own Company, Cuba

PUBLICATIONS

HONORS (including societies)

PRIORiTY RANKiNG OF iNTEREST iN W-65 CHARTER (1 = highest priority)

1. Organizational Forms
2. Performance Criteria for Organizational Forms
3. Tools for Evaluating Organizational Forms
4. Tools for Management of Construction
5. Thesaurus Compilation
NAME White, Joseph C.

ADDRESS President, Syncon Corporation
1717 South 12th Street
Milwaukee, WI 53204

PROFESSIONAL EXPERIENCE (positions held/when)
1974-Present Adjunct Professor
1968-Present President, Syncon Corporation
1964-1967 Vice-President, Product Development, Inland Steel Corporation
1955-1964 Factory Management, Inland Steel Corporation
1950-1955 Industrial Engineer, Inland Steel Corporation

PUBLICATIONS

Industrial Forum, Volume 7, Number 6, "The Cudahy Dental Building - A Syncor Project," 1976

The Construction Specifier Cover Article, "The Great Construction Game," September 1976


Industrialization Forum, Volume 5, Number 1-2, "Improved Building Procurement Means a Changed Building Process," 1974

LCN Newsletter (Canada), The Management Process and How it Relates to Systems Building, July 1978

Joseph C. White (cont)

HONORS (including societies)

TAU BETA PI
Award of Merit, Building Research Institute

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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W-65
BIOGRAPHIC INFORMATION FORM

NAME
Whitehead, Bertram

ADDRESS
Department of Building Engineering, University of Liverpool, Muspratt Laboratory P.O. Box 147 Liverpool L69 3BX ENGLAND

PROFESSIONAL EXPERIENCE (position held/when)
1950 - Present Lecturer, then Senior Lecturer, Department of Building Engineering, University of Liverpool
1955 - 1959 Management Consultant in Method Study
1950 - 1955 Works Management in Manufacturing Industry

PUBLICATIONS
Papers on logical layout of interiors of buildings using computer and movement data
Papers on productivity on bricklaying

HONORS (including societies)
Fellow of Institute of Management Services
Member British Institute of Management

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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</tbody>
</table>
NAME: Woodhead, Ronald W.

ADDRESS: School of Civil Engineering, University of New South Wales, P.O. Box 1, Kensington, N.S.W. 2033, Australia

PROFESSIONAL EXPERIENCE (positions held/when)

1973 - Present: Professor & Head, Dept of Engineering Construction & Management, University of New South Wales

1977: Visiting Professor, Georgia Institute of Technology, Atlanta, Georgia

1971: UNIDO Consultant to CIA, Bahia State, Brazil, on Management and Implementation of Port Construction

1969: UNESCO Consultant on Systems Analysis to Rio Grande De Sul University, Porto Alegre, Brazil

1968 - 1973: Professor of Civil Engineering, University of Illinois

1967: Visiting Professor, Texas A&M University - 5 months

1966: Visiting Professor, University of Illinois - 5 months

1953 - 1968: Lecturer/Senior Lecturer, University of New South Wales

1952 - 1953: Designing Engineer, Gutteridge Haskins & Davey, Sydney

1951 - 1952: Designing Engineer, Conservation & Irrigation Commission of N.S.W. Sydney

PUBLICATIONS


HONORS (including societies)

Chartered Engineer FIE Aust
Chartered Builder FAIB
MASCE
MAIC
MPMI
MACI
M.I.Q.
President F.M.F.

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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</tbody>
</table>
NAME
Yadav, Hari Krishan

ADDRESS
Manager (Project Appraisal)
Housing & Urban Development Corporation, Ltd.
12-A Jamnagar House
New Delhi-110011, INDIA

PROFESSIONAL EXPERIENCE (positions held/when)
Obtained National Diploma in Architecture & Regional Planning
In 1958


Also attended short-term courses/programmes on net-work technique/Performance Budgeting, Execution Development Programme on Project Evaluation & Managerial Effectiveness through Behavioral Science Applications, conducted by various Institutes

Has extensive experience (over 20 years) in the field of Architecture, Town Planning, Design and Execution of Housing, Urban Development, Scientific and Institutional buildings, while working as Architect in Delhi Development Authority and Council of Scientific and Industrial Research

During 4 years stay in Delhi Development Authority, designed and supervised a large number of housing complexes for various categories of income groups in Delhi

In his present assignment, he is especially involved in appraisal, evaluation and implementation of housing and urban development projects with special emphasis on economical layouts, building designs and on cost reduction through the application of various new construction material/design and construction techniques.

PUBLICATIONS
Works and write-ups/articles on the following topics published in National Journals:
Low Cost Housing
Rural Housing
Economy in Housing Projects
Housing for Flood Affected People
Hari Krishan Yadav (cont'd)

Paper presented in course on "New Skills & Perspective for Urban Managers" under Colombo Plan held in London in March 1979 - Sites and Services Programme: A Solution to India's Massive Housing Problem

HONORS (including societies)

A member of Institute of Architects, Council of Architecture, and Institute of Town Planners

Faculty Member - School of Planning and Architecture

Visiting lecturers to Post Graduate studies in Urban Design and Women Polytechnic

Besides is a member of several other committees of the Indian Standard Institution and Architectural Institutions

PRIORITY RANKING OF INTEREST IN W-65 CHARTER (1 = highest priority)

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<td>PROFESSIONAL EXPERIENCE (positions held/when)</td>
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<tr>
<td>1978-Present</td>
<td>Consultant to Project Managers and a Manager of big building projects</td>
</tr>
<tr>
<td>1972-1978</td>
<td>Chief, Building Division in Yuval Gad</td>
</tr>
<tr>
<td>1965-1972</td>
<td>Thahal, Consultant Engineer, Planning Engineer</td>
</tr>
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<td>PUBLICATIONS</td>
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<td>BSC, Israel Institute of Thee in Haifa</td>
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BIографиЧнoЙ инфOрмaЦиЯ ФOрM

<table>
<thead>
<tr>
<th>NAME</th>
<th>Zebrowski, Leon</th>
</tr>
</thead>
</table>
| ADDRESS    | Instytut Organizacji  
             Zarzadzania i Ekonomiki  
             Przemyslu Budowlanego  
             00-950 Warszawa, ul. Filtrowa 1  
             POLAND               |

PROFESSIONAL EXPERIENCE (position held/when)
Present Deputy Director for a Research Work of Organization and Management at the Institute for Organization Management and Economics of the Building Industry

PUBLICATIONS
HONORS (including societies)
Scientific Society for Organization and Management
Polish Association of Building Engineers and Technicians
Committee for Civil Engineering Polish Academy of C Science
Scientific Society for Organization and Management
Polish Association of Building Engineers and Technicians
Committee for Civil Engineering Polish Academy of C Science

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