



**DIRECTORY OF WORKERS IN THE FIRE FIELD**

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16. Abstract  This <u>Directory</u> was compiled to provide a list of workers engaged in fire research, their addresses and affiliations, and their principal fields of activity.  The initial criteria for the selection of names for this directory are recent contributions to fire literature, teaching of subjects relevant to fire science, or participation in or support of fire research programs. With some exceptions, fire service personnel and fire protection engineers have been excluded because directories already exist for these professionals. Also excluded are investigators engaged principally in studies of propulsion, combustion, and explosion phenomena, because these areas of study are somewhat aside from the main focus of fire research.  For purposes of this directory, fire science is taken to be the body of knowledge, art, and skill related to the investigation, analysis, and interpretation of the phenomena of unwanted fires and the evaluation of materials, methods, systems, and equipment related to fire safety, prevention, detection, and suppression.			
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## PREFACE

The objectives of the NASA Aerospace Safety Research and Data Institute (ASRDI) are:

1. To support NASA, its contractors and the aerospace industry with technical information and consulting on safety problems.
2. To identify areas where safety problems and technology voids exist and to initiate research programs both in-house and on contract in these problem areas.
3. To author and compile state-of-the-art and summary publications in our areas of concern.
4. To establish and operate a Safety Data Bank.

To accomplish its objectives, ASRDI is collecting, organizing and evaluating safety related information. One major activity involves fire safety, prevention, detection and suppression.

This publication is a directory of researchers and workers in the fire field and indicates each person's specific fields of interest such as accident investigation, combustion (fire) research, fire extinguishing agents, flammability of fabrics, information sciences, toxicity of materials, etc.

Frank E. Belles, Director  
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## FOREWORD

This Directory has been prepared jointly by the Applied Physics Laboratory of the Johns Hopkins University; the Fire Technology Division of the National Bureau of Standards; and the Aerospace Safety Research and Data Institute, NASA Lewis Research Center to fulfill a common need.

It is an enlarged version of a Provisional Draft (FFP B72-1, February 1972) compiled at the Applied Physics Laboratory by B. W. Kuvshinoff, R. M. Fristrom, and R. L. Tuve as an APL Fire Problems Program task. Reproducible computer printout for this edition was produced using the APL INFO-360 document writing package and the indexes by INDEXR and the CATNIP technique. The work done at APL on this Directory was supported by the National Science Foundation Grant GI-12, the RANN Program.

The National Bureau of Standards enlarged the list and verified the entries. This work was carried out by S. D. McLeod under NASA Contract C-506273, "A register of authoritative information sources in the field of fire technology." An appreciable number of names was added to the original list and all were verified by means of a questionnaire dated 17 April 1972.

Reproduction and distribution of this Directory by NASA Lewis Research Center constitutes completion of the task under NSF Grant GI-12 and NASA Contract C-506273.

The interest and support of Ralph H. Long, Jr., Program Manager, Advanced Technology Applications (FANN Program), National Science Foundation; R. M. Fristrom, Applied Physics Laboratory, The Johns Hopkins University, Principal Investigator of the APL Fire Problems Program; and of Paul T. Hacker, Program Manager and George Mandel, Chief, Information Services and Publications Branch, Aerospace Safety Research and Data Institute, are gratefully acknowledged.

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## INTRODUCTION

This Directory was compiled to provide a list of workers engaged in fire research, their addresses and affiliations, and their principal fields of activity.

Many important fire research problems involve several disciplines. In many cases a fire research worker is familiar with only a few fields, and he is often faced with the problem of working in a strange new area. Since current knowledge of most subjects is concentrated in the collective memories of workers active in those areas, many equivocal questions can be easily resolved by a telephone call or correspondence. Also, a good way to start work on a complex problem is to talk to someone in the field. Researchers are usually familiar with workers in their own fields, but are less well-acquainted with workers in other fields, even those in the same discipline. The gulf between members of different disciplines is usually greater than it need be. The purpose of this list is to encourage communication between diverse specialists.

The initial criteria for the selection of names for this directory are recent contributions to fire literature, teaching of subjects relevant to fire science, or participation in or support of fire research programs.

To keep this Directory to a reasonable size, limits had to be set. With some exceptions, fire service personnel and fire protection engineers have been excluded because directories already exist for these professionals. Also excluded are investigators engaged principally in studies of propulsion, combustion, and explosion phenomena, because these areas of study are somewhat aside from the main focus of fire research. Several complementary directories are listed in Par. 2.

For purposes of this directory, fire science is taken to be the body of knowledge, art, and skill related to the investigation, analysis, and interpretation of the phenomena of unwanted fires and the evaluation of materials, methods, systems, and equipment related to fire safety, prevention, detection, and suppression.

We are aware that some names that should appear are absent, and vice versa. Therefore, users are invited to submit suggestions and additions.

Indexes are provided of individuals by affiliation and by principal fields of interest. An alphabetical list of fields appears in Par. 5. These indexes are included to facilitate communication between workers and to foster interdisciplinary approaches to fire problems. It is not meant to be restrictive in any way. We hope to improve upon the design and content of this listing in future editions.

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See Footnote(1)

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## 2. COMPLEMENTARY DIRECTORIES AND SOURCES

The existence of several excellent directories have made it unnecessary to exhaustively list persons engaged in certain disciplines or occupations. The following publications are recommended as additional sources of names of workers with specialized interests, fields of activity, and professions.

### AMERICAN MEN OF SCIENCE, A BIBLIOGRAPHIC DIRECTORY

"The Physical and Biological Sciences," 1965, 6 vol; and "The Social and Behavioral Sciences," 1968, 2 vol; with supplements  
Eleventh edition, edited by The Jacques Cattell Press

R. F. Bowker Company  
1180 Avenue of the Americas  
New York, New York 10036

Contains over 150,000 names and biographical sketches of prominent scientists and researchers.

### DIRECTORY OF FIRE RESEARCH IN THE UNITED STATES 1969-1971

Sixth edition, 287p (1972)  
Committee on Fire Research  
National Academy of Sciences  
Washington, D. C.

Order from:  
Printing and Publishing Office  
National Academy of Sciences  
2101 Constitution Avenue  
Washington, D. C. 20418

Detailed summaries of fire research projects in the United States, including data on sponsors, laboratories, personnel involved, purpose and description of research, and other information. Arrangement is by organization conducting the research. Includes indexes of sponsors, of in-house research, of subjects, and of laboratories.

### FIDATA

International Fire Protection Directory  
366 p, 2 pounds 85 (1971)

Fire Book Department  
Unisaf House  
32-36 Dudley Road  
Tunbridge, Wells  
Kent, England

Updated version of the International

### Fire Service Directory and Who's Who in Fire Protection and Control (1965).

Lists over 2000 fire brigades in the US, Japan, Norway, South Africa, and many other countries. Includes information on fire department operations, government departments, fire schools, associations, buyer's guide, etc. In English, French, German, and Spanish.

### FIRE RESEARCH ABSTRACTS AND REVIEWS Volume 15, 1973

Committee on Fire Research  
National Academy of Sciences -National Research Council  
Washington, D. C.

### FIRE RESEARCH 1968

Ministry of Technology and Fire Officers' Committee  
Joint Fire Research Organisation  
HMSO, London, England

Report of the Fire Research Steering Committee, with the Report of the Director of Fire Research. Includes committee lists.

### FIRE SERVICE DIRECTORY 1970-1971

Third edition, 118p, \$6.00 (1970)

National Fire Protection Association  
60 Battery March Street  
Boston, Massachusetts 02110

A compilation of names and addresses of fire chiefs and other fire officers, municipal fire departments, and state and provincial fire service authorities in the United States and Canada, plus tabulation of budgets, personnel, working schedules, fire companies, stations, apparatus, and related information. The directory is arranged by state (or province) and community. A personal name index is not provided. This directory is based on data submitted by fire departments. Departments that fail to submit data are not listed.

## 2. COMPLEMENTARY DIRECTORIES AND SOURCES

**INTERNATIONAL FIRE SERVICES DIRECTORY AND WHO'S WHO IN FIRE PROTECTION AND CONTROL**  
First edition, 220p (1965)

UNISAF Publications Ltd  
32-36 Dudley Road  
Tunbridge Wells  
Kent, England

A compilation in English, German, French, and Spanish of names and addresses of fire departments, research institutes, equipment manufacturers, fire protection associations, and heads of various fire protection agencies in many countries of the world. See: FIDATA, above.

**MARINE CHEMISTS DIRECTORY**  
NFPA SPP-10 (1968), 40p, 50 cents.

National Fire Protection Association  
60 Batterymarch Street  
Boston, Massachusetts 02110

A list of certified marine chemists prepared for shipping and marine interests.

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Education	Radiation Problems
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FIRE EXTINGUISHING AGENTS (cont'd)

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 McNASSER, K. W.  
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 MERDINYAN, Philip H.  
 MERRITT, R. C.  
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 MILNE, Thomas M. (Dr)  
 MUNN, A.  
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 NEEL, Carr B.  
 NELSON, Ken  
 NEUFELD, Elmer  
 NICE, G. F.  
 NICHOLAS, Eldon B.  
 NICHOLS, John  
 NII, P.  
 O'REGAN, James  
 O'ROUFKE, G. W.  
 PALMER, Thomas Y.  
 PERUZZI, Paul R.  
 PETERSON, H. B.  
 PETRELLA, R. V.  
 PIEPCE, Monte K.  
 PITTS, James J.  
 POIRIER, Robert  
 POST, L. A.  
 POWELL, Warren C.  
 POWERS, W. Robert  
 PROPER, George H. Jr  
 PRYOR, Andrew J. Jr  
 PURINGTON, Robert G.  
 PUTNAM, T. M.  
 QUILLIAN, P. D. Jr  
 REID, G.  
 RIVKIND, Leo  
 ROTHERMEL, Richard C.  
 SCHMITT, C. P.  
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 SCOFIELD, W.  
 SHEEHAN, Daniel F.  
 SHPILBERG, D.  
 SIBULKIN, Merwin (Prof)  
 SINGER, Joseph M.  
 SLICER, J. Sam  
 SNYDER, S. D. (Dr)  
 SOMERVILLE, George R.  
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 VAN DOLAH, Robert W.  
 VENTRONE, T. A.  
 WAGNER, John P.  
 WALKER, Peter  
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CUSTER, Richard L. P.  
 DAVIS, Garrett  
 DAWN, Frederick S. (Dr)  
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 DEMAREE, James  
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 FAWCETT, Howard H.  
 FISCH, Fred (Dr)  
 FORD, Laurence M.  
 FRENCH, Ron W.  
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 BAUMAN, Merritt  
 BERGER, Thomas W.  
 BLUM, Adolph  
 BOLLE, Arnold  
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 BRANNIGAN, Francis L.  
 BRUNO, Raffaello (Dr)  
 BURFORD, Robert R.  
 BUGESS, David S.  
 BYERLY, Radford Jr (Dr)  
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 FRIEDMAN, Raymond  
 FRIELUND, Karl F.  
 FRISTPOM, Robert M.  
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 HANNA, Martin J. III (E.I.T.)  
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 HANSBERRY, Harvey L.  
 HARLEY, Richard A.  
 HARMATHY, T. Z.  
 HARTLEY, Boyd A.  
 HASEGAWA, Kazutoshi  
 HAVILAND, David S.  
 HEARD, D. B.  
 HEBENSTREIT, L. V.  
 HECHTMAN, Robert A. (Dr)  
 HEDLUND, C. Frederic  
 HEINSOHN, Robert J. (Dr)  
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 HICKS, Lawrence B.  
 HIRSCH Stanley N.  
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 HOREFF, Thomas G.  
 HOSHINO, Makoto  
 HOUDEKAMP, Abraham  
 HOUGH, Ralph L.  
 HUGHES, J. Thomas  
 HUTH, John H. (Dr)  
 JABLONSKI, Edwin J.  
 JABLONSKY, John L.  
 JANES, Dale F.  
 JENSEN, Rolf H.  
 JOHNSON, Joseph E.  
 JOHNSON, Neva B.  
 JOHNSON, Philip E.  
 JONES, J. Edward  
 KALELBAR, Ashok S. (Dr)  
 KANE, William F.  
 KAPPER, Rafael S.  
 KARLOVITZ, Bela  
 KAUMETER, R. A.  
 KAWAGOE, Kunio  
 KEEPERS, Hugh  
 KEIGHNER, Donald J.  
 KELLEY, Anthony G.  
 KELSEY, Don M.  
 KEY, C. F.  
 KIRCHHOFF, Peter  
 KLASMEIER, Harry W.  
 KLEIN, Howard A.  
 KLEIN, J. K.  
 KLUEG, E. P.  
 KNIGHT, S. M.  
 KRASNER, L. M.  
 KREISEL, E. F.  
 KUCHTA, Joseph M.  
 KUHLMAN, Harold E.  
 LABES, Willis G.  
 LEDERMAN, Samuel J. (Prof)  
 LEE, Billy T.  
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 LINDEROTH, L. Sigfred Jr  
 LINDNER, R. G.  
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 LOCKLIN, David W.  
 IOPE, C.  
 LOPEZ, Edward L.  
 LUGAR, James R.  
 LULL, David B.  
 LYONS, John W. (Dr)  
 MAATMAN, Gerald  
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 Ae.S.)  
 MANSELL, Bert E.  
 MARRIOTT, T. B. Jr  
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 MATTSON, P. E.  
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 MCDANIEL, Dale E.  
 McLAUGHLIN, Charles J.  
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 MIDDLESWORTH, C. M.  
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 MIYAJI, M. C.  
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 MORTON, Henry S.  
 MUNN, A.  
 MURPHY, Edwin M.  
 MURPHY, John N.  
 MYER, Andrew J.  
 NAIMER, Jack  
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 NASH, P.  
 NAYUKI, Kenichi  
 NELSON, Harold F.  
 NERI, Lawrence M.  
 NEWMAN, F. W.  
 NEWMAN, P. M.  
 NICE, G. F.  
 NICKEY, Bradley B.  
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 NOVOTNY, Donald B.  
 O'BRIEN, Donald M.  
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O'NEILL, John  
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 O'ROURKE, G. W.  
 ODEEN, Kai  
 ODELL, N. F.  
 OKSANEN, Pekka  
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 PEARSON, O. L.  
 PEEBLES, J. H.  
 PERFINE, Eugene L.  
 PERRY, Ray L.  
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 PHILLIPS, Patrick E. (PE)  
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 PINKEL, I. Irving  
 PITTINGER, Gilbert E.  
 POLLET, O. L. "Pay"  
 POST, L. A.  
 POWERS, W. Robert  
 PRESCOTT, W. F.  
 PROPER, George H. Jr  
 PRYOR, Andrew J. Jr  
 PURINGTON, Robert G.  
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 RABER, Samuel  
 PADNOFSKY, M. I.  
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 RANCOURT, Pete A.  
 RANDLEMAN, William  
 RASBASH, D. J.  
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 PENNIE, J.  
 REYNOLDS, Joel Richard  
 RHODES, John  
 RICHARDSON, George J.  
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 SARKOS, Constantine P.  
 SAFO, Erik J.  
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 SCOFIELD, W.  
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 SELLA, Albin J.  
 SENASACK, Meredith  
 SHEEHAN, Daniel F.  
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 SNIECHOSKI, Edward R. (PE)  
 SOLOMON, Richard H. (PE)  
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 WETMORE, Elmer M.  
 WILLIAMSON, R. Brady (Prof)  
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 AMABILLI, Louis J.  
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SALZBERG, Frederick  
SCHOLZ, E. G.  
SCHULZ, Alvin G.  
SELLA, Albin J.  
SENASACK, Meredith  
SENFNER, John E.  
SHANESY, Carol E.  
SHPEVE, John Fred  
SMITH, Henry D.  
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SMITH, Richard A.  
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SOLOMON, Richard H. (PE)  
STEELE, Charles H.  
STEPHEN, F. C.  
STEVENS, Richard E.  
STILLMAN, Timothy G. (AMI, FireE)  
SUPHIS, Dan  
SWEFSEY, Arthur J.  
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FUNG, Francis C.  
GROSS, Daniel  
MA, A. S. C. (Dr)  
MALHOTRA, H. L.  
NICE, G. R.  
OIKLE, P. A.  
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PARKEP, William J.  
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 GAUME, J. G. (MD)  
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 HAGGARD, J. B.  
 HALL, Jerry Lee  
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 HANNA, Martin J. III (E.I.T.)  
 HANSBERRY, Harvey L.  
 HARDY, C. E.  
 HAPTLEY, Boyd A.  
 HATHAWAY, Clayton E. (Dr)  
 HEINE, Donald A. (Capt)  
 HERMANCIE, Clarke (Prof)  
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 KARLOVITZ, Bela  
 KASHIWAGI, Takashi  
 KAUMETER, R. A.  
 KAWENSKI, Edward M.  
 KEIGHEP, Donald J.  
 KELLEY, Anthony G.  
 KEY, C. F.  
 KIMZEY, J. Howard  
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 KISHITANI, Koichi (Dr)  
 KLINE, Harry F.  
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 Ae.S.)  
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