

**NATIONAL RESOURCES DEVELOPMENT**

**REPORT FOR 1943**

**PART II. WARTIME PLANNING FOR WAR  
AND POST WAR**

**JANUARY 1943**

**NATIONAL RESOURCES PLANNING BOARD**

UNITED STATES GOVERNMENT PRINTING OFFICE - - - - - WASHINGTON, D. C.

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## MESSAGE FROM THE PRESIDENT

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*To the Congress of the United States:*

To assist the Congress in the development and consideration of appropriate legislation to achieve normal employment, to give assurance for all our people against common economic hazards, and to provide for the development of our National resources, I am transmitting herewith two reports of the National Resources Planning Board.

The first, "National Resources Development—Report for 1943" presents the results to date of the Board's work on post-war plans and a record of wartime planning activities. The Board proposes measures to meet the problems of the transition period from war to peace and for the longer range development of an expanding economy. It is appropriate that each year the immediate programs contained in the Budget of the United States should be considered by the Congress in the light of much longer range plans and programs. To facilitate such use of this report, I recommend that the report be printed, in accordance with past custom.

We can all agree on our objectives and in our common determination that work, fair pay, and social security after the war is won must be firmly established for the people of the United States of America.

Men in the armed forces and all those engaged in the war effort rightly expect us to be considering their future welfare.

We fight today for security for our Nation and at the same time we can endeavor to give our citizens and their families security against attacks from without, and against fear of economic distress in old age, in poverty, sickness, involuntary unemployment and accidental injuries. We need to look forward to the accomplishment of these objectives—world peace, democratic society, and a dynamic economy.

The second report transmitted herewith, on "Security, Work, and Relief Policies", has been developed over the last 3 years by the National Resources Planning Board, at my request, with the cooperation of the Federal agencies concerned and with the help of citizens with special knowledge and competence in this field. It reviews the accomplishments and experience of the last 10 years, pointing out some of the weaknesses of our security system, and suggesting ways of improving and strengthening the whole program.

Because of their basic importance to our national welfare during the war and after the war, it is my earnest hope that the Congress will give these matters full consideration during this session. We must not return to the inequities, insecurity, and fears of the past, but ought to move forward toward the promise of the future. When the Congress has agreed on procedures for the consideration of these problems, the Executive agencies responsible for the administration of programs in these fields are prepared to provide the Congress with all assistance within their power in devising appropriate ways and means to accomplish these high purposes.

FRANKLIN D. ROOSEVELT.

THE WHITE HOUSE, March 10, 1943.

EXECUTIVE OFFICE OF THE PRESIDENT  
NATIONAL RESOURCES PLANNING BOARD  
WASHINGTON, D. C.

December 16, 1943.

The PRESIDENT,  
*The White House.*

MY DEAR MR. PRESIDENT:

We have the honor to transmit herewith *National Resources Development--Report for 1943*. In accordance with your instruction, we have concentrated our activities during the last two years on "correlating plans and programs under consideration in many Federal, State, and private organizations for post-war full employment, security, and building America."

In Part I of this document, "Post-War Plan and Program," we have brought together some of those plans both for the transition period immediately following the cessation of hostilities and for the longer range period of post-war development of our expanding economy.

Part II, "Wartime Planning for War and Post War," presents the current planning activities for stabilization and development.

The decisions taken during the war will make possible or impossible the execution of the plans which we as a people make for the peace. We need to see more and more clearly the kind of world toward which we are headed in order to maintain the fighting spirit of our armed forces and the ardor of our industrial workers. We need to stir the imagination and aspirations of all people, free or temporarily enslaved, for new objectives, new goals which can be reached when the war is won. Some people work harder and fight harder when they are on the defensive or fighting for their very lives. Fortunately, we Americans fight best and produce more under the challenge of adventure and with the "offensive spirit."

To win the peace we must call on those deeper resources of the spirit which provide patience and endurance through crisis and which light the future with vision and with hope.

Respectfully submitted,

FREDERIC A. DELANO, *Chairman*  
CHARLES E. MERRIAM  
GEORGE F. YANTIS

**NATIONAL RESOURCES PLANNING BOARD**

**FREDERIC A. DELANO, *Chairman***

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## PART II. WARTIME PLANNING FOR WAR AND POST WAR

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## APPENDIX — ORGANIZATION

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For purposes of administration, the field offices, special studies, and technical committees of the Board are grouped under the office of the Director and Divisions of the Board's staff. The present membership and organization is summarized in the following pages:

### Members of the Board

Frederic A. Delano                      Charles E. Merriam  
*Chairman*                                      *Vice Chairman*  
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### Advisers

Henry S. Dennison                      Beardsley Ruml

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Charles W. Eliot

### Assistant Directors

Thomas C. Blaisdell                      Frank W. Herring  
Ralph J. Watkins

### Executive Officer

Harold Merrill

### Office of the Director

Charles W. Eliot

#### 1. Administration and Coordination

Harold Merrill, Executive Officer.  
Leslie W. Landrum, Acting Administrative Assistant.  
Wilson F. Harwood, Personnel Assistant.

#### 2. Publication and Information Section

Lloyd George, Chief of Section, Information, Editorial, Publication, Library, etc.; assisted by Martin E. Jansson, Gerald Egan, Emmett J. McCarthy, J. Edward Folger, and supporting staff.

#### 3. Special Studies and Consultants

##### (a) *Post War Agenda:*

Luther Gulick, Consultant in Charge; John Millett;<sup>2</sup> John Miller; and supporting staff.

Lewis L. Lorwin, Economic Adviser, for report on *International Economic Development*.

##### (b) *Urban Conservation and Development:*

Robert Mitchell, Chief of Section; Albert C. Schweizer; and supporting staff.

#### 4. Field Service

John Miller, Chief of Section.

### Division A

Assistant Director Thomas C. Blaisdell

#### 1. Trends and Stabilization Section

Spurgeon Bell, Chief of Section.

##### (a) *Trends Unit:*

William C. Cleveland, Harry J. Winslow, Karl Karsten, and supporting staff.

##### (b) *Full Employment Stabilization Unit:*

Paul Samuelson, Consultant; Everett Hagen; and supporting staff.

#### 2. Economic Security, Health, and Nutrition

Eveline M. Burns, Head Economist; and supporting staff.

##### (a) *Long-Range Work and Relief Policies Committee:*

William Haber, *Chairman*, Director of the Bureau of Program Planning and Research, War Manpower Commission.

W. W. Alexander, Chief of Minorities Service, War Manpower Commission.

C. M. Bookman, Executive Vice Chairman, Community Chest of Cincinnati.

Corrington Gill, Consultant, War Department.

The Rt. Rev. Francis J. Haas, Dean, School of Social Science, Catholic University of America.

Fred K. Hoshler, Executive Director, American Public Welfare Association.

Katherine F. Lenroot, Chief, Children's Bureau, Department of Labor.

Mary E. Switzer, Assistant to the Administrator, Federal Security Agency.

Thomas J. Woolfer, Jr., Director of Research, Federal Security Agency.

<sup>1</sup> The Director is a member of all technical committees but, to avoid repetition, is not shown in each list below.

<sup>2</sup> Persons not active as of December 1942, due to Military Leave, resignations, etc. This designation applies throughout.

## 3. Science Committee

E. B. Wilson, *Chairman*, School of Public Health, Harvard University (National Research Council).

Waldo G. Leland, *Vice Chairman*, Director of American Council of Learned Societies.

Arthur L. Day, formerly Director of Carnegie Laboratory (National Research Council).

Leonard Carmichael, President, Tufts College (National Research Council).

Edward C. Elliott, War Manpower Commission (American Council on Education).

Guy Stanton Ford, Library of Congress (Social Science Research Council).

Ross G. Harrison, Yale University, and Chairman, National Research Council.

Dugald C. Jackson, Massachusetts Institute of Technology (National Research Council).

Dexter M. Keezer, Office of Price Administration (Social Science Research Council).

Charles B. Morey, Princeton University (American Council of Learned Societies).

William F. Ogburn, University of Chicago (Social Science Council).

George D. Stoddard, Commissioner of Education, State of New York (American Council on Education).

*Staff:* Robert Leigh,<sup>2</sup> Secretary.

Lawrence K. Frank, Secretary.

(a) *Subcommittee on Population Problems:*

Edwin B. Wilson, *Chairman*.

William F. Ogburn.

Dugald C. Jackson.

*Staff:* Edward P. Hutchinson, Senior Research Technician.

(b) *Roster of Scientific and Specialized Personnel:* Cooperatively with Civil Service Commission and now with War Manpower Commission.

Leonard Carmichael, Consultant, Director of Roster.

James C. O'Brien,<sup>2</sup> Executive Officer.

Philip H. Marenburg, Executive Officer, with the assistance of Consultants.

*Cooperating agencies:*

American Council on Education.

American Council of Learned Societies.

National Research Council.

Social Science Research Council.

(c) *Committee on the Conservation of Cultural Resources:*

Waldo G. Leland, *Chairman*, Director of American Council of Learned Societies.

Dan Lacy, Executive Secretary, The National Archives.

Robert F. Beresford, American Institute of Architects.

Julian P. Boyd, Librarian, Princeton University.

Solon J. Buck, Archivist of the United States.

John E. Burchard, Executive Officer, Committee on Passive Protection Against Bombing, National Research Council.

Lester J. Cappon, Consultant in Archives and History, University of Virginia.

C. C. Crittenden, Secretary, North Carolina Historical Commission.

A. E. Demaray,<sup>1</sup> Associate Director, National Park Service.

Luther H. Evans, Chief Assistant Librarian of Congress.

David E. Finley, Director, National Gallery of Art.

Collas G. Harris,<sup>2</sup> Executive Officer, The National Archives.

Pendleton Herring, Executive Secretary, Committee on Records of War Administration, Bureau of the Budget.

Ronald F. Lee,<sup>2</sup> Supervisor of Historic Sites, National Park Service.

Archibald MacLeish, Librarian of Congress.

Col. M. C. Mapes, Office of Civilian Defense.

Carl H. Milam, Executive Secretary, American Library Association.

Col. Walter P. O'Brien, Chief, Civil Defense Branch, Services of Supply, War Department.

W. E. Reynolds, Commissioner, Public Building Administration.

## 4. Youth and Education

Floyd Reeves, Consultant; Paul Mort; and Dudley Harley.<sup>2</sup>

Lawrence K. Frank, Consultant; and Edward P. Hutchinson.

## 5. Conference on Post War Adjustment of Personnel

Floyd Reeves, *Chairman*.

Lt. Col. Francis T. Spaulding, Special Services Branch, in charge of education, War Department.

Gen. Lewis B. Hershey, Director, Selective Service System.

<sup>1</sup> Persons not active as of December 1942, due to Military Leave, resignation, etc. This designation applies throughout.

## 5. Conference on Post War Adjustment of Personnel—Con.

- Brig. Gen. Frank T. Hines, Director, Veterans' Administration.
- Edward C. Elliott, Chief, Professional and Technical Employment and Training, War Manpower Commission.
- William Haber, Chairman; Planning Committee, War Manpower Commission.
- T. J. Wooster, Director of Research, Federal Security Agency.
- A. F. Hinrichs, Bureau of Labor Statistics.
- Howard R. Tolley, Chief, Bureau of Agricultural Economics, Department of Agriculture.
- Lt. Comdr. Ralph A. Santman, United States Navy (retired).
- Francis J. Brown, Secretary, Joint Army and Navy Committee on Welfare and Recreation.
- Staff: Floyd Reeves, Consultant; and Leonard Outhwaite.

## Division B

Assistant Director Ralph J. Watkins

## 1. Industrial Section

- Glenn E. McLaughlin, Chief of Section.
- Wilbert G. Fritz, Assistant Chief of Section; James V. Alfriend; Oscar Endler; Wilfred Owen; William Powell; Samuel H. Thompson; Ernest Williams, Jr.; Marion Worthing; William Wynne; and supporting staff.

## (a) Advisory Committee on Transportation:

- Owen D. Young, *Chairman*, Honorary Chairman and Member of the Board, General Electric Co.
- Dr. George P. Baker, *Vice Chairman*, Civil Aeronautics Board.
- Joseph B. Eastman, Director, Office of Defense Transportation, Chairman, Interstate Commerce Commission.
- Robert H. Hinckley, Assistant Secretary, Department of Commerce.
- Jesse H. Jones, Secretary of Commerce, and Federal Loan Administrator.
- Rear Admiral Emory S. Land, Administrator, War Shipping Administration.
- Thomas H. MacDonald, Commissioner, Public Roads Administration.
- Maj. Gen. Eugene Reybold, Chief of Engineers, War Department.

Staff: Ralph J. Watkins, Wilfred Owen, Ernest Williams, Jr., and supporting staff and consultants.

<sup>1</sup> Persons not active as of December 1942, due to MILITARY Leave, resignations, etc. This designation applies throughout.

## (b) Energy Resources Committee:

- Ralph J. Watkins, *Chairman*, Assistant Director, National Resources Planning Board.
- Captain A. B. Anderson, Chief, Plans Division, Office of Chief of Naval Operations.
- Arno C. Fieldner, Chief, Technologic Branch, Bureau of Mines, Department of the Interior.
- George A. Lamb, Chief, Economics Branch, Bituminous Coal Division, Department of the Interior.
- Abe Fortas, Under Secretary, Department of the Interior.
- John W. Frey, Director of Marketing, Office of the Petroleum Coordinator for National Defense, Department of the Interior.
- Leland Olds, Chairman, Federal Power Commission.
- Maj. Gen. H. K. Rutherford, Office of Under Secretary, War Department.
- Harry Slattery, Administrator, Rural Electrification Administration.
- Joel D. Wolfsohn, Assistant Commissioner, General Land office.

Staff: Samuel H. Thompson, Wilbert G. Fritz, and supporting staff and consultants.

## 2. Land Section

John B. Bennett, Chief of Section, and Secretary, Land Committee; and Hollis W. Peter.

## (a) Land Committee:

- William I. Myers, *Chairman*, Head of Department of Agricultural Economics and Farm Management, College of Agriculture, Cornell University.
- Oscar L. Chapman, Assistant Secretary, Department of the Interior.
- Charles C. Colby, Professor of Geography, University of Chicago.
- Philip H. Cornick, Institute of Public Administration.
- M. S. Eisenhower,<sup>2</sup> Assistant Director, Office of War Information.
- Charles A. Lory, President Emeritus, Colorado State College of Agriculture and Mechanical Arts.
- Lee Muck, Assistant to the Secretary in Charge of Land Utilization, Department of the Interior.
- R. L. Thompson, President, Federal Land Bank of New Orleans.
- H. R. Tolley, Chief, Bureau of Agricultural Economics, University of Wisconsin.



## 2. Land Section—Continued

## (a) Land Committee—Continued.

E. H. Wiecking, Land Use Coordinator,  
Department of Agriculture.

Joel D. Wolfsohn, Assistant Commissioner,  
General Land Office.

## Subcommittees:

1. *Evaluation*.—Charles A. Lory, *Chairman*; Charles C. Colby; Lee Muck; George S. Wehrwein; and E. H. Wiecking.
2. *Land Classification*.—Charles C. Colby, *Chairman*; Carlton Barnes; J. F. Deeds; and Donald Hudson.
3. *Land Acquisition*.—M. S. Eisenhower,<sup>2</sup> *Chairman*; Charles C. Colby; George S. Wehrwein; and Joel D. Wolfsohn.
4. *Recreational Benefits (Joint with Water Resources Committee)*.—Joel D. Wolfsohn, *Chairman*; Col. Earl North<sup>2</sup>; Mark Regan; Col. Gordon E. Textor; and C. L. Wirth.
5. *Rural Urban Fringe*.—Philip Cornick, *Chairman*; Charles C. Colby; E. H. Wiecking; George S. Wehrwein; and Joel D. Wolfsohn.
6. *Tax Delinquency*.—George S. Wehrwein, *Chairman*; Philip H. Cornick; Hugo Schwartz; and Joel D. Wolfsohn.
7. *Public Land Management*.—George S. Wehrwein, *Chairman*; Oscar L. Chapman; John Gaus; Lee Muck; and Howard Tolley.

## Division C

Assistant Director Frank W. Herring

## 1. Water Resources Section

John W. Dixon, Chief of Section; Brent S. Drane;  
and Daniel V. McCarthy.

## (a) Water Resources Committee:

Baldwin M. Woods, *Chairman*, Professor of  
Mechanical Engineering, University of  
California.

Carlton P. Barnes, Associate Coordinator,  
Office of Land Use Coordination, Depart-  
ment of Agriculture.

W. W. Horner, Consulting Engineer, St.  
Louis.

Leland Olds, *Chairman*, Federal Power  
Commission.

John C. Page, Commissioner, Bureau of  
Reclamation.

Glenn L. Parker, Chief Hydraulic Engineer,  
Water Resources Branch, United States  
Geological Survey.

Col. Theodore B. Parker, Chief Engineer,  
Tennessee Valley Authority.

Maj. Gen. Eugene Reybold, Chief of Engi-  
neers, United States Army.

Thorndike Saville, Dean, College of Engi-  
neering, New York University.

R. E. Tarbett, Sanitary Engineer Director,  
United States Public Health Service.

E. H. Wiecking, Land Use Coordinator,  
United States Department of Agriculture.

## Subcommittees:

1. *Cooperative Investigations*.—J. J. Doland, *Chairman*; John C. Page; F. L. Weaver; Col. Earl North<sup>2</sup>; Col. Miles Reber; and Ernest H. Wiecking.
2. *Small Water Projects*.—Perry A. Fellows, *Chairman*; R. W. Davenport; A. R. Golze; C. S. Jarvis; L. A. Jones; Francis R. Kenny; T. W. Norcross; Col. Earl North<sup>2</sup>; Col. Gordon E. Textor; E. F. Preece; Archie Ryan; Charles E. Ryder; and A. L. Wathan.
3. *State Water Law*.—Philip M. Glick *Chairman*; Clifford E. Fix; W. W. Gatchell; Wells A. Hutchins; Joseph W. Kimbel; R. M. Patrick; and Walter Williams.
4. *Gila River Basin*.—Judge A. W. McHendrie, *Chairman*.
5. *Hydrologic Data*.—Thorndike Saville, *Chairman*; Donald M. Baker; H. K. Barrows; Merrill Bernard; Gail Hathaway; W. W. Horner; W. G. Hoyt; R. J. Tipton; and E. H. Wiecking.
6. *Water Pollution*.—Abel Wolman, *Chairman*; W. B. Bell; Arno C. Fieldner; Elmer Higgins; Thorndike Saville; R. E. Tarbett; Col. Earl North<sup>2</sup>; and Col. Gordon E. Textor.
7. *Recreational Benefits (Joint with Land Committee)*.—Joel D. Wolfsohn, *Chairman*; Col. Earl North<sup>2</sup>; Col. Gordon E. Textor; Mark Regan; and Conrad L. Wirth.
8. *Drainage Basin Committees*.—W. W. Horner, *Chairman*; Glenn L. Parker; and E. H. Wiecking.

## 2. Federal Program Section

Robert W. Hartley, Chief of Section; and support-  
ing staff.

## 3. Public Works Project Review Section

John W. Dixon, Chief of Section; John B. Bennett;  
Reginald C. Price; and Alf Z. Nelson.

<sup>2</sup> Persons not active as of December 1942, due to Military Leave, resignations, etc. This designation applies throughout.

## 3. Public Works Project Review Section—Continued

(a) *Public Works Project Review Committee:*

- Thorndike Saville, *Chairman*, Dean, College of Engineering, New York University.
- James J. Doland, Professor of Engineering, University of Illinois.
- Lee Muck, Assistant to Secretary in Charge of Land Utilization, Department of Interior.
- E. N. Munns, Chief, Division of Forest Influences, Department of Agriculture.
- Leland Olds, Chairman, Federal Power Commission.
- John C. Page, Commissioner, Bureau of Reclamation.
- Col. Miles Reber, Office of Chief of Engineers, United States Army.
- Maj. Gen. Eugene Reybold, Chief of Engineers, United States Army.
- E. H. Wiecking, Land Use Coordinator, Office of Land Use Coordination, Department of Agriculture.

## 4. State and Local Program Section

Sidney T. Thomas, Chief of Section.

## Field Offices

## Region No. 1.—Boston, Massachusetts

Cooperating with New England Regional Planning Commission.

State Planning agencies of Connecticut, Massachusetts, New Hampshire, Rhode Island, and Vermont.

New England Council.

Maine Rivers Drainage Basin Committee.

Central New England Drainage Basin Committee.

*Staff:* Victor M. Cutter, Regional Chairman; Roland B. Greeley; and supporting staff.

*Consultants:*

- H. I. Baldwin,<sup>2</sup> Land Planning.
- A. Brinser,<sup>2</sup> Community Planning.
- A. S. Carlson, Regional Trends Reporting.
- A. C. Comey, General and Community Planning.
- W. S. Parker, Public Works Programming.
- G. M. Fair, Drainage Basin Committee.
- D. L. Palmer,<sup>2</sup> Regional Industrial Location.
- J. M. McDaniel, Jr.,<sup>2</sup> Regional Trends Reporting.

## Region No. 2.—Baltimore, Maryland

Cooperating with Interstate Commission on the Delaware River Basin.

Interstate Commission on the Potomac River.

State planning agencies of Maryland, New Jersey, New York, North Carolina, Pennsylvania, Virginia, and West Virginia.

Sponsoring Committee, Niagara Frontier Planning Project.

National Capital Park and Planning Commission

New York Intrastate Drainage Basin Committee

New Jersey, New York Coastal Drainage Basin Committee.

Delaware Drainage Basin Committee.

Susquehanna Drainage Basin Committee.

Chesapeake Bay Drainage Basin Committee.

Roanoke to Pee Dee Drainage Basin Committee.

*Staff:* Morton L. Wallerstein, Regional Chairman, Alexander Fleisher, Head Economist; John W. Hyde; John L. Lincoln;<sup>2</sup> William H. Ludlow; and supporting staff.

*Consultants:*

- R. V. Black, General and Community Planning.
- V. O. Key, Community Planning.
- C. L. Feiss,<sup>2</sup> Community Planning.
- H. G. Baily, Drainage Basin Committee.
- R. Eliassen,<sup>2</sup> Drainage Basin Committee.
- J. C. Geyer,<sup>2</sup> Drainage Basin Committee.
- C. J. Velz, Drainage Basin Committee.
- T. F. Hubbard, Public Works Programming.
- G. Platt,<sup>2</sup> Public Works Programming.

## Region No. 3.—Atlanta, Georgia

Cooperating with Southeastern Regional Planning Commission.

State planning agencies of Alabama, Florida, Georgia, Kentucky, Mississippi, South Carolina, and Tennessee.

Santee-Altamaha Drainage Basin Committee.

Mobile-Suwanee Drainage Basin Committee.

Peninsular Florida Drainage Basin Committee.

Tennessee-Cumberland Drainage Basin Committee.

Pearl-Pascagoula Drainage Basin Committee.

*Staff:* Henry T. McIntosh, Regional Chairman; Claud Clayton; Counselor; William R. Davlin;<sup>2</sup> Ernest J. Hopkins; E. Bruce Wedge; H. Jay Wallace;<sup>2</sup> and supporting staff.

*Consultants:*

- F. P. Folmar, General Planning.
- S. H. Hare,<sup>2</sup> Drainage Basin Committee.
- G. W. Simons, Jr., Drainage Basin Committee and Community Planning.
- H. J. Friedman,<sup>2</sup> Community Planning.
- G. Gimre, Community Planning.
- H. B. Campbell, Community Planning.
- A. S. Keister, Field Office Program.
- L. L. Hidingier, Drainage Basin Committee.

<sup>2</sup> Persons not active as of December 1942, due to Military Leave, resignations, etc. This designation applies throughout.

**Region No. 4.—Indianapolis, Indiana**

Cooperating with Midwest Regional Planning Commission.

Northern Lakes States Regional Committee.

State planning agencies of Illinois, Indiana, Michigan, Minnesota and Wisconsin.

Upper Ohio-Beaver Drainage Basin Committee.

Kanawha Drainage Basin Committee.

Muskingum to Miami Drainage Basin Committee.

Big Sandy to Green Drainage Basin Committee.

Wabash-Lower Ohio Drainage Basin Committee.

Upper Great Lakes Drainage Basin Committee.

Lake Erie Drainage Basin Committee.

Mississippi Headwaters to Wisconsin Drainage Basin Committee.

Rock to Big Muddy Drainage Basin Committee.

*Staff:* Louis Wirth, Regional Chairman; Paul E. Middleton, Counselor; Lawrence V. Sheridan;<sup>2</sup> Herbert W. Starick; Robert N. Cross; John Lehman; John M. Picton;<sup>2</sup> and supporting staff.

*Consultants:*

L. Wirth, General Planning.

L. Segoe, Community Planning.

A. L. Trout, Community Planning.

A. G. Anderson, Regional Industrial Location.

J. J. Doland, Drainage Basin Committee.

W. W. Horner, Drainage Basin Committee.

M. W. Torkelson, Drainage Basin Committee.

L. K. Sherman,<sup>2</sup> Drainage Basin Committee.

K. W. Armstrong, Community Planning.

G. Gimre, Community Planning.

E. D. Pierce,<sup>2</sup> Community Planning.

G. S. Wehrwein, General Planning.

**Region No. 5.—Dallas, Texas**

Cooperating with South-Central Regional Planning Council.

State planning agencies of Arkansas, Louisiana, Oklahoma, and Texas.

Central Arkansas to Canadian Drainage Basin Committee.

Upper St. Francis to Verdigris-Lower Arkansas Drainage Basin Committee.

Upper Red-Washita Drainage Basin Committee.

Lower Red-Ouachita Drainage Basin Committee.

Lower Mississippi Drainage Basin Committee.

Sabine to San Jacinto Drainage Basin Committee.

Brazos to Nueces Drainage Basin Committee.

Lower Rio Grande-Pecos Drainage Basin Committee.

<sup>2</sup> Persons not active as of December 1942, due to Military Leave, resignations, etc. This designation applies throughout.

*Staff:* Earl O. Mills, Regional Chairman; Edwin Henson, Counselor; Royden E. Reed; Ronald B. Shuman;<sup>2</sup> Julian W. Tarrant; Richard Ives;<sup>2</sup> Ervin K. Zingler; and supporting staff.

*Consultants:*

L. L. Hidingar, Drainage Basin Committee.

W. W. Horner, Drainage Basin Committee.

H. F. Thomson, Drainage Basin Committee.

R. J. Tipton, Drainage Basin Committee.

A. W. Bettman,<sup>2</sup> Planning Legislation.

L. P. Cockrill,<sup>2</sup> Community Planning.

S. R. De Boer, Community Planning.

*Arkansas Valley Project Consultants:* R. C. Martin, P. W. Milam, P. C. Nahl, A. M. Paxson, R. D. Thomas, A. Hoffman, M. Mitchell, and T. H. Frederick.

**Region No. 6.—Omaha, Nebraska**

Cooperating with Missouri Valley Regional Planning Committee.

Tri-State Waters Commission.

Missouri River States Committee.

State planning agencies of Kansas, Missouri, North Dakota, and South Dakota.

Hudson Bay Drainage Basin Committee.

Iowa Eastern Drainage Basin Committee.

Keokuk to Meramec Drainage Basin Committee.

Missouri Headwaters-Yellowstone Drainage Basin Committee.

Middle Missouri Drainage Basin Committee.

Lower Missouri Drainage Basin Committee.

*Staff:* Philip H. Elwood, Regional Chairman; T. Hillard Cox;<sup>2</sup> Dennis O'Harrow;<sup>2</sup> H. Dale Bosert;<sup>2</sup> and supporting staff.

*Consultants:*

S. H. Hare,<sup>2</sup> Community Planning.

J. Noyes, Community Planning.

H. H. McCarty, Industrial Location.

W. W. Horner, Drainage Basin Committee.

H. Shifrin,<sup>2</sup> Drainage Basin Committee.

H. F. Thomson,<sup>2</sup> Drainage Basin Committee.

**Region No. 7.—Denver, Colorado**

Cooperating with Mountain States Research Council.

The Pecos Joint Investigation.

State planning agencies of Wyoming, Colorado, and New Mexico.

Sponsoring Committee, Denver Metropolitan Planning Project.

Upper Rio Grande Drainage Basin Committee.

Upper Arkansas Drainage Basin Committee.

Platte River Drainage Basin Committee.

**Region No. 7.—Denver, Colorado—Continued**

*Staff:* Clifford H. Stone, Regional Chairman; Harlowe M. Stafford, Counselor; ElRoy Nelson,<sup>2</sup> Robert L. Lowry,<sup>2</sup> and supporting staff.

*Consultants:*

F. L. Carmichael, Industrial Location.  
W. W. Horner, Drainage Basin Committee.  
H. F. Thomson, Drainage Basin Committee.  
J. C. Stevens, Drainage Basin Committee.  
R. J. Tipton, Joint Investigation.  
N. A. Parker, Industrial Location.  
M. E. Garnsey, Regional Trend Reporting and Industrial Location.  
I. J. McCrary,<sup>2</sup> Community Planning.  
S. R. De Boer, Community Planning.

**Region No. 8.—Berkeley, California**

Cooperating with State planning agencies of Arizona, California, Nevada, Utah, and the Hawaii Territorial Planning Board.

Colorado Drainage Basin Committee.  
Bonneville Drainage Basin Committee.  
Lahontan Drainage Basin Committee.  
Northern California-Klamath Drainage Basin Committee.  
California Central Valley-Central Coast Drainage Basin Committee.  
Southern California Coast Drainage Basin Committee.

*Staff:* Baldwin M. Woods, Regional Chairman; L. Deming Tilton, Consultant; Van Beuren Stanbery, Counselor; Colin A. Taylor; D. Ross Miller; and supporting staff.

*Consultants:*

S. R. De Boer, Community Planning.  
I. S. Shatlack,<sup>2</sup> Community Planning.  
T. H. Humpherys, Public Works Programming.  
L. D. Tilton, General and Community Planning.  
R. D. Calkins, Industrial Location.  
A. G. Coons, Industrial Location.  
J. C. Stevens, Drainage Basin Committee.  
W. L. Huber, Drainage Basin Committee.  
R. L. Campbell,<sup>2</sup> Community Planning.

**Region No. 9.—Portland, Oregon**

Cooperating with Pacific Northwest Regional Planning Commission.

Puget Sound Regional Planning Commission.

<sup>2</sup> Persons not active as of December 1942, due to Military Leave, resignations, etc. This designation applies throughout.

State planning agencies of Idaho, Montana, Oregon, and Washington.

Pacific Northwest Drainage Basin Committee.  
Pacific Northwest Regional Council.  
Columbia Basin Project—Joint Investigation.  
Bonneville Power Administration.

*Staff:* Benjamin H. Kizer, Regional Chairman; Roy F. Bessey, Counselor; Otto W. Croy; Thomas O. King; and supporting staff.

*Consultants:*

W. B. Stewart,<sup>2</sup> Regional Industrial Location.  
S. B. Morris, Drainage Basin Committee and Pacific Northwest Land.  
J. H. Vogel, Community Planning.  
H. D. Freeman, Community Planning.  
J. D. Wood, Pacific Northwest Land and Community Planning.  
H. F. Aumack,<sup>2</sup> Community Planning.  
F. A. Cuthbert,<sup>2</sup> Community Planning.  
R. O. Oscarson,<sup>2</sup> Mineral Resources.  
<sup>2</sup> A. N. Nybrotten, Pend Oreille area analysis.

**Region No. 10.—Juneau, Alaska**

Temporarily located in Portland, Oregon, for duration of the war.

Cooperating with Canada-United States Joint Economic Committee.

*Staff:* James C. Rettie, Counselor; Gordon L. Wildes<sup>2</sup>; George Sundborg; Joseph L. Fisher; and supporting staff.

*Consultants:*

H. B. Foss,<sup>2</sup> Community Planning.  
C. McKinley, General Planning.

**Region No. 11.—San Juan, Puerto Rico**

Cooperating with Anglo-American Caribbean Commission.

Puerto Rico Planning Board.  
Puerto Rico Water Committee.  
Puerto Rico Agricultural Planning Committee.  
Puerto Rico Industrial Development Company.

*Staff:* Frederic P. Bartlett, Manager; Louis Sturcke, Jr.; Donald F. Griffin; and supporting staff.

*Consultants:*

A. W. Bettman, Planning Legislation.  
L. C. Sogoe, Community Planning.  
B. S. Drane, Drainage Basin Committee.  
J. J. Haggerty, Land Planning.