Kates, R. W., 1962, Hazard and Choice Perception in Flood Plain Management, University of Chicago, Department of Geography Research, Paper No. 78.

SELECTED BIBLIOGRAPHY

The bibliography that follows has been selected from the source material cited in the study and other relevant materials. It is not designed to provide a comprehensive review of the literature, but rather to share the writer's experience with material found personally helpful as an introduction to the various selected topics. For readers wishing to pursue certain topics in depth, bibliographic items have been included.

Flood Problems

- Burton, Ian. Types of Agricultural Occupance of Flood Plains in the United States. Chicago: University of Chicago, Department of Geography Research Paper No. 75, 1962.
- Dunham, Allison. "Flood Control via the Police Power," University of Pennsylvania Law Review, CVII (1959), 1098-1132.
- Eckstein, Otto. Water Resource Development. Cambridge: Harvard University Press, 1958.
- Goddard, James E. Changing Concepts in Flood Plain Management. Knoxville: Tennessee Valley Authority, 1960.
- Hoyt, William G., and Langbein, Walter B. Floods. Princeton: Princeton University Press, 1954.
- Langbein, Walter B., and Hoyt, William G. Water Facts for the Nation's Future. New York: Ronald Press, 1959.
- Leopold, Luna, and Maddock, Thomas. The Flood Control Controversy: Big Dams, Little Dams, and Land Management. New York: Ronald Press, 1954.
- Leuchtenburg, William Edward. Flood Control Politics. Cambridge: Harvard University Press, 1953.
- Maass, Arthur. Muddy Waters: The Army Engineers and the Nation's Rivers. Cambridge: Harvard University Press, 1951.
- Murphy, Francis C. Regulating Flood-Plain Development. Chicago: University of Chicago, Department of Geography Research Paper No. 56, 1958.
- Sheaffer, John R. Flood Proofing: An Approach to Flood Damage Reduction. Chicago: University of Chicago, Department of Geography Research Paper No. 65, 1960.
- U.S. Senate, Committee on Public Works. A Program for Reducing the National Flood Damage Potential. Memorandum of the Chairman to Members of the Committee on Public Works. 86th Congress, 1st Sess., 1959.
- U.S. Senate, Select Committee on National Water Resources. Floods and Flood Control. Committee Print No. 15. 86th Cong., 2d Sess., 1960.
- Basin. Committee Print No. 16. 86th Cong., 1st Sess., 1959.

- U.S. Senate, Select Committee on National Water Resources. River
 Forecasting and Hydrometeorological Analysis. Committee
 Print No. 25. 86th Cong., 1st Sess., 1959.
- White, Gilbert F., et al. Changes in Urban Occupance of Flood Plains in the United States. Chicago: University of Chicago, Department of Geography Research Paper No. 57, 1958.
- White, Gilbert F. Human Adjustment to Floods. Chicago: University of Chicago, Department of Geography Research Paper No. 29, 1945.
- (ed.). Papers on Flood Problems. Chicago: University of Chicago, Department of Geography Research Paper No. 70, 1961.

Flood Hydrology

- American Society of Civil Engineers, Sub-Committee of the Joint Divisional Committee on Floods. "Review of Flood Frequency Methods," Transactions of the American Society of Civil Engineers, CXVIII (1953), 1220-1230.
- Benson, Manuel A. "Characteristics of Frequency Curves Based on a Theoretical 1,000 Year Record," Flood Frequency Analysis. Manual of Hydrology: Part 3. Washington: U.S. Geological Survey Water Supply Paper 1543-A, 1960. Pp. 51-74.
- Evolution of Methods for Evaluating the Occurrence of Floods. Washington: U.S. Geological Survey Water Supply Paper 1580-A, 1962.
- Davenport, R. W. "Discussion on Statistical Analysis by L. R. Beard," Transactions of the American Society of Civil Engineers, CVIII (1943), 1139.
- Dalrymple, Tate. Flood Frequency Analysis. Manual of Hydrology: Part 3. Washington: U.S. Geological Survey Water Supply Paper 1543-A, 1960.
- Gumbel, E. J. Statistical Theory of Extreme Values and Some Practical Applications. Washington: U.S. National Bureau of Standards Applied Mathematics Series No. 33, 1954.
- . Statistics for Extremes. New York: Columbia University Press, 1958.
- Langbein, Walter B. "Annual Floods and the Partial Duration Series," Transactions of the American Geophysical Union, XXX (1949), 879-881.
- Langbein, Walter B., and Hoyt, William G. Water Facts for the Nation's Future. New York: Ronald Press, 1959.
- Langbein, Walter B., and Iseri, Kathleen T. General Introduction and Hydrologic Definitions. Manual of Hydrology: Part 1. Washington: U.S. Geological Survey Water Supply Paper 1541-A, 1960.
- Leopold, Luna, and Maddock, Thomas. The Flood Control Controversy: Big Dams, Little Dams and Land Management. New York: Ronald Press, 1954.
- Linsley Jr., Ray K., Kohler, Max A., and Paulhus, Joseph L. Applied Hydrology. New York: McGraw-Hill, 1949.
- Potter, W. Peak Rates of Runoff from Small Watersheds. Washington: Government Printing Office, 1961.

- Riehl, Herbert, and Byers, Horace R. "Computing a Design Flood in the Absence of Historical Records," Geofisica Pura E. Applicata, XLV (1960), 3-14.
- Riggs, H. A. "Frequency of Natural Events," Journal of the Hydraulics Division of the American Society of Civil Engineers, IXXXVII (January, 1961), 15-27.
- Thomas Jr., Harold. "Frequency of Minor Floods," Journal of the Boston Society of Civil Engineers, XXXV (October, 1948), 425-442.
- Wiitala, Sulo W., Jetter, Karl R., and Somerville, Alan A.

 Hydraulic and Hydrologic Aspects of Flood-Plain Planning.
 Washington: U.S. Geological Survey Water Supply Paper
 1526, 1961.

Areal Flood Data

- Jenkins, Clifford T. Floods in Tennessee, Magnitude and Frequency. Nashville: State of Tennessee, Department of Highways, 1960.
- Tennessee Valley Authority, Division of Water Control Planning.

 Floods on Big Creek, at LaFollette, Tennessee. Knoxville: Tennessee Valley Authority, 1958.

Decision-Making: Reviews and Bibliography

- Dyckman, John W. "Planning and Decision Theory," Journal of the American Institute of Planners, XXVII (November, 1961), 335-345.
- Edwards, Ward. "The Theory of Decision Making," <u>Psychological</u> Bulletin, LI (July, 1954), 380-417.
- Gore, William J., and Silander, Fred S. "A Bibliographic Essay on Decision Making," Administrative Science Quarterly, IV (June, 1959), 97-121.
- Lionberger, Herbert F. Adoption of New Ideas and Practices.
 Ames: Iowa State University Press, 1960.
- National Science Foundation. Current Projects on the Economic and Social Implications of Science and Technology. Washington: By author, 1959, 1960, 1961.
- Simon, Herbert A. "Theories of Decision-Making in Economics and Behavioral Science," American Economic Review, XLIX (June, 253-283.
- Wasserman, Paul, and Silander, Fred S. Decision-Making: An Annotated Bibliography. Ithaca: Cornell University Graduate School of Business and Public Administration, 1958.

Decision-Making: General and Theory

- Arrow, Kenneth J. "Alternative Approaches to the Theory of Choice in Risk-Taking Situations," Econometrica, XIX (October, 1951), 404-437.
- . Social Choice and Individual Values. New York: John Wiley, 1951.
- Banfield, Edward C. "The Decision-Making Schema," Public Administration Review, XVII (1957), 278-285.

- Churchman, Charles West. Prediction and Optimal Decision:

 Philosophical Issues of a Science of Values. Englewood
 Cliffs, N.J.: Prentice-Hall, 1961.
- Knight, Frank H. Risk, Uncertainty, and Profit. Boston: Houghton Mifflin, 1921.
- Hurwicz, Leonid. "What Has Happened to the Theory of Games?"

 American Economic Review, XLIII (May, 1953), 398-405.
- . "Game Theory and Decisions," Scientific American, CXCII (February, 1955), 78-83.
- Lindzey, Gardner (ed.). The Assessment of Human Motives. New York: Grove Press, 1960.
- Luce, R. Duncan, and Raiffa, Howard. Games and Decisions: Introduction and Critical Survey. New York: John Wiley, 1957.
- March, James G., and Simon, Herbert A. Organizations. New York: John Wiley, 1958.
- Marschak, Jacob. "Rational Behavior, Uncertain Prospects and Measurable Utility," Econometrica, XVIII (April, 1950), 111,141.
- Rossi, Peter. "Community Decision-Making," Administrative Science Quarterly, I (March, 1957), 415-443.
- Savage, Leonard J. The Foundations of Statistics. New York: John Wiley, 1954.
- Sartre, Jean-Paul. Existentialism. New York: Philosophical Library, 1947.
- Simon, Herbert A. Administrative Behavior. 2d ed. New York: Macmillan, 1957.
- . Models of Man: Social and Rational. New York: John Wiley, 1957.
- Thrall, R. M., Coombs, C. H., and Davis, R. L. (eds.) Decision Processes. New York: John Wiley, 1954.
- Von Neumann, John, and Morgenstern, Oskar. Theory of Games and Economic Behavior. 3d ed. Princeton: Princeton University Press, 1953.

Decision-Making: Empirical Studies

- Cohen, John, and Hansel, Mark. Risk and Gambling: The Study of London: Longmans-Green, 1956.
- Davidson, Donald., Suppes, Patrick, and Siegel, Sidney. Decision

 Making: An Experimental Approach. Stanford: Stanford University Press, 1957.
- Freeman, Charles, and Mayo, Selz C. "Decision Makers in Rural Community Action," Social Forces, XXXV (1957), 319-322.
- Gore, William G. "Administrative Decision-Making in Federal Field Offices," Public Administration Review, XVI (1956), 281-291.
- Katona, George. Psychological Analysis of Economic Behavior. New York: McGraw-Hill, 1951.
- Strodtbeck, Fred L., and Hare, Paul A. "Bibliography of Small Group Research (From 1900 through 1953)," Sociometry, XVII (1954), 107-178.

Decision-Making: Resources Management and Geographic Perception

- Ablin, Richard S. "Misallocation of Electric Power in the Pacific Northwest." Unpublished Ph.D. dissertation, Department of Economics, University of Chicago, 1960.
- Banfield, Edward C. The Moral Basis of a Backward Society. Glencoe, Ill.: Free Press, 1958.
- Blase, Melvin G, and Timmons, John F. "Soil Erosion Control-Problems and Progress," Journal of Soil and Water Conservation, XVI (July-August, 1961), 157-162.
- Blaut, James M. "The Economic Geography of a One-Acre Farm on Singapore Island; a Study in Applied Micro-Geography,"

 The Malayan Journal of Tropical Geography, I (October, 1953), 37-48.
- Brown, David W., and Winsett, Joseph E. Organizational Problems of Small Watersheds. Knoxville: University of Tennessee Agricultural Experiment Bulletin No. 310, 1960.
- Crane, Donald. "Small Dam Replacement in South-Central Massachusetts." Unpublished Master's thesis, Department of Geography, University of Chicago, 1962.
- Ciriacy-Wantrup, S. V. Resource Conservation: Economics and Policies. Berkeley: University of California Press, 1952.
- Firey, Walter. Man, Mind and Land: A Theory of Resource Use. Glencoe, Ill.: Free Press, 1960.
- Gardner, B. Delworth. "Misallocation of Resources of Federal Range Lands." Unpublished Ph.D. dissertation, Department of Economics, University of Chicago, 1960.
- Kirk, W. "Historical Geography and the Concept of the Behavioural Environment," Indian Geographical Society Silver Jubilee Souvenir. Kuriyan, George (ed.). Madras: Indian Geographical Society, 1952.
- Lee, Ivan M. "Optimum Water Resource Development: A Preliminary Statement of Methodology for Quantitative Analysis." Berkeley: California Agricultural Experiment Station, Giannini Foundation of Agricultural Economics Mimeographed Report No. 206, July, 1950.
- Lowenthal, David. "Geography, Experience, and Imagination: Towards a Geographical Epistemology," Annals of the Association of American Geographers, LI (September, 1961), 241-260.
- Lynch, Kevin A. The Image of the City. Cambridge: Harvard University Press, 1960.
- Nelson, Richard R, and Winter Jr., Sidney G. Weather Information and Economic Decisions: A Preliminary Report. Santa Monica: The Rand Corporation, 1960.
- Sprout, Harold, and Sprout, Margaret. Man-Milieu Relationship Hypotheses in the Context of International Politics. Princeton: Princeton University Center of International Studies, 1956.
- White, Gilbert F. "The Choice of Use in Resource Management," Natural Resources Journal, I (March, 1961), 23-40.

Risk, Hazard, and Disaster Investigations

- Association for the Aid of Crippled Children. Behavioral Approaches to Accident Research. New York: By the Association, 1961.
- Burton, Ian. "Invasion and Escape on the Little Calumet,"

 Papers on Flood Problems. Edited by Gilbert F. White.

 Chicago: University of Chicago, Department of Geography
 Research Paper No. 70, 1961. Pp. 84-92.
- Clifford, Roy A. The Rio Grande Flood: A Comparative Study of Border Communities in Disaster. Washington: National Academy of Sciences, National Research Council Publication No. 458, 1956.
- Insurance Information Institute. 1960 Property Insurance Fact Book. New York: By author, 1960.
- Lachman, R., Tatsuoki, M., and Bark, W. J. "Human Behavior during the Tsunami of May 1960," Science, CXXXIII (May 5, 1961), 1405-1410.
- Levin, Martin L. "Perceived Risk in Smoking: An Exploratory Investigation," Studies in Public Communication, I (1959), 54-60.
- National Academy of Science, National Research Council, Committee on Fire Research. A Study of Fire Problems. Washington: National Academy of Science, National Research Council Publication No. 949, 1961.
- Roder, Wolf. "Attitudes and Knowledge on the Topeka Flood Plain," Papers on Flood Problems. Edited by Gilbert F. White. Chicago: University of Chicago, Department of Geography Research Paper No. 70, 1961. Pp. 62-83.
- Wallace, Anthony F. C. Human Behavior in Extreme Situations: A Survey of the Literature and Suggestions for Future Research. Washington: National Academy of Sciences, National Research Council Publication No. 390, 1956.
- . Tornado in Worcester: An Explanatory Study of Individual and Community Behavior in an Extreme Situation. Washington: National Academy of Sciences, National Research Council Publication No. 392, 1956.
- Wiseman, Seymour S. <u>Case Study of a Flood Stricken City</u>. New York: By author, 1958.



THE UNIVERSITY OF CHICAGO

DEPARTMENT OF GEOGRAPHY

RESEARCH PAPERS (Planographed, 6×9 Inches)

(Available from Department of Geography, Rosenwald Hall, University of Chicago, Chicago 37, Illinois. Price: four dollars each; by series subscription, three dollars each.)

- *1. GROSS, HERBERT HENRY. Educational Land Use in the River Forest-Oak Park Community
- *2. EISEN, EDNA E. Educational Land Use in Lake County, Ohio
- *3. WEIGEND, GUIDO GUSTAV. The Cultural Pattern of South Tyrol (Italy)
- *4. NELSON, HOWARD JOSEPH, The Livelihood Structure of Des Moines, Iowa
- *5. MATTHEWS, JAMES SWINTON. Expressions of Urbanism in the Sequent Occupance of Northeastern Ohio.
- *6. GINSBURG, NORTON SYDNEY. Japanese Prewar Trade and Shipping in the Oriental Triangle
- 7. KEMLER, JOHN H. The Struggle for Wolfram in the Iberian Peninsula, June, 1942—June, 1944: A Study in Political and Economic Geography in Wartime. 1949. 151 pp.
- 8. PHILBRICK, ALLEN K. The Geography of Education in the Winnetka and Bridgeport Communities of Metropolitan Chicago. 1949. 165 pp. 1 folded map.
- 9. BRADLEY, VIRGINIA. Functional Patterns in the Guadalupe Counties of the Edwards Plateau 1949. 153 pp.
- *10. HARRIS, CHAUNCY D., and FELLMANN, JEROME DONALD. A Union List of Geographical Serials
- *11. DE MEIRLEIR, MARCEL J. Manufactural Occupance in the West Central Area of Chicago
- *12. FELLMANN, JEROME DONALD. Truck Transportation Patterns of Chicago
- *13. HOTCHKISS, WESLEY AKIN. Areal Pattern of Religious Institutions in Cincinnati
- *14. HARPER, ROBERT ALEXANDER. Recreational Occupance of the Moraine Lake Region of Northeastern Illinois and Southeastern Wisconsin.
- *15. WHEELER, JESSE HARRISON, JR. Land Use in Greenbrier County, West Virginia
- *16. MCGAUGH, MAURICE EDRON. The Settlement of the Saginaw Basin
- *17. WATTERSON, ARTHUR WELDON. Economy and Land Use Patterns of McLean County, Illinois
- 18. HORBALY, WILLIAM. Agricultural Conditions in Czechoslovakia, 1950
 1951. 120 pp. 1 map in pocket.
- 19. GUEST, BUDDY ROSS. Resource Use and Associated Problems in the Upper Cimarron Area 1951. 148 pp. 2 maps in pocket.
- 20. SORENSEN, CLARENCE WOODROW. The Internal Structure of the Springfield, Illinois, Urbanized Area. 1951. 204 pp. 5 maps in pocket.
- *21. MUNGER, EDWIN S. Relational Patterns of Kampala, Uganda
- *22. KHALAF, JASSIM M. The Water Resources of the Lower Colorado River Basin
- *23. GULICK, LUTHER H. Rural Occupance in Utuado and Jayuya Municipios, Puerto Rico
- *24. TAAFFE, EDWARD JAMES. The Air Passenger Hinterland of Chicago
- 25. KRAUSE, ANNEMARIE ELISABETH. Mennonite Settlement in the Paraguayan Chaco 1952. 160 pp. 4 maps in pocket.
- *26. HAMMING, EDWARD. The Port of Milwaukee
- 27. CRAMER, ROBERT ELI. Manufacturing Structure of the Cicero District, Metropolitan Chicago 1952. 192 pp. 2 maps in pocket.
- *28. PIERSON, WILLIAM H. The Geography of the Bellingham Lowland, Washington
- *29. WHITE, GILBERT F. Human Adjustment to Floods: A Geographical Approach to the Flood Problem in the United States.
- 30. OSBORN, DAVID G. Geographical Features of the Automation of Industry 1953. 120 pp.
- *31. THOMAN, RICHARD S. The Changing Occupance Pattern of the Tri-State Area, Missouri, Kansas, and Oklahoma.
- *32. ERICKSEN, SHELDON D. Occupance in the Upper Deschutes Basin, Oregon
- *33. KENYON, JAMES B. The Industrialization of the Skokie Area
- *34. PHILLIPS, PAUL GROUNDS. The Hashemite Kingdom of Jordan: Prolegomena to a Technical Assistance Program.
- *35. CARMIN, ROBERT LEIGHTON. Anápolis, Brazil: Regional Capital of an Agricultural Frontier
- 36. GOLD, ROBERT N. Manufacturing Structure and Pattern of the South Bend-Mishawaka Area 1954. 224 pp. 6 folded inserts. 2 maps in pocket.
- *37. SISCO, PAUL HARDEMAN. The Retail Function of Memphis
- *38. VAN DONGEN, IRENE S. The British East African Transport Complex
- *39. FRIEDMANN, JOHN R. P. The Spatial Structure of Economic Development in the Tennessee Valley
- 40. GROTEWOLD, ANDREAS. Regional Changes in Corn Production in the United States from 1909 to 1949. 1955. 88 pd.
- 41. BJORKLUND, E. M. Focus on Adelaide—Functional Organization of the Adelaide Region, Australia 1955. 144 pp. 2 folded inserts. 1 map in pocket.

- *42. FORD, ROBERT N. A Resource Use Analysis and Evaluation of the Everglades Agricultural Area
- 43. CHRISTENSEN, DAVID E. Rural Occupance in Transition: Sumter and Lee Counties, Georgia 1956. 172 pd.
- *44. GUZMÁN, LOUIS E. Farming and Farmlands in Panama
- 45. ZADROZNY, MITCHELL G. Water Utilization in the Middle Mississippi Valley 1956. 132 pp.
- *46. AHMED, G. MUNIR. Manufacturing Structure and Pattern of Waukegan-North Chicago
- RANDALL, DARRELL. Factors of Economic Development and the Okovango Delta 1956. 282 pp. (Research Paper No. 3, Program of Education and Research in Planning, The University of Chicago.)
- 48. BOXER, BARUCH. Israeli Shipping and Foreign Trade 1957, 176 pp.
- *49. MAYER, HAROLD M. The Port of Chicago and the St. Lawrence Seaway
- *50. PATTISON, WILLIAM D. Beginnings of the American Rectangular Land Survey System, 1784-1800
- 51. BROWN, ROBERT HAROLD. Political Areal-Functional Organization: With Special Reference to St. Cloud, Minnesota. 1957. 130 pp.
- BEYER, JACQUELYN. Integration of Grazing and Crop Agriculture: Resources Management Problems in the Uncompander Valley Irrigation Project. 1957. 131 pp.
- 53. ACKERMAN, EDWARD A. Geography as a Fundamental Research Discipline 1958. 40 pp. \$1.00.
- *54. AL-KHASHAB, WAFIQ HUSSAIN. The Water Budget of the Tigris and Euphrates Basin
- 55. LARIMORE, ANN EVANS. The Alien Town: Patterns of Settlement in Busoga, Uganda 1958. 210 pp.
- 56. MURPHY, FRANCIS C. Regulating Flood-Plain Development
- 1958. 216 pp.
 *57. WHITE, GILBERT F., et al. Changes in Urban Occupance of Flood Plains in the United States
- 58. COLBY, MARY MC RAE. The Geographic Structure of Southeastern North Carolina 1958, 242 pp.
- *59. MEGEE, MARY CATHERINE. Monterrey, Mexico: Internal Patterns and External Relations
- 60. WEBER, DICKINSON. A Comparison of Two Oil City Business Centers (Odessa-Midland, Texas) 1958. 256 pp.
- 61. PLATT, ROBERT S. Field Study in American Geography 1959. 408 pp.
- 62. GINSBURG, NORTON, editor. Essays on Geography and Economic Development 1960. 196 pp.
- 63. HARRIS, CHAUNCY D., and FELLMANN, JEROME D. International List of Geographical Serials 1960. 247 pp.
- 64. TAAFFE, ROBERT N. Rail Transportation and the Economic Development of Soviet Central Asia 1960. 186 pp.
- 65. SHEAFFER, JOHN R. Flood Proofing: An Element in a Flood Damage Reduction Program 1960. 190 pp.
- 66. RODGERS, ALLAN L. The Industrial Geography of the Port of Genova 1960. 150 pp.
- 67. KENYON, JAMES B. Industrial Localization and Metropolitan Growth: The Paterson-Passaic District. 1960. 250 pp.
- 68. GINSBURG, NORTON. An Atlas of Economic Development 1960. 135 pp. 14 × 8½". Paper \$5.00; Cloth \$7.50. University of Chicago Press.
- 69. CHURCH, MARTHA. Spatial Organization of Electric Power Territories in Massachusetts 1960. 200 pp.
- 70. WHITE, GILBERT F., et al. Papers on Flood Problems 1961. 234 pp.
- 71. GILBERT, E. W. The University Town in England and West Germany 1961. 79 pp. 4 plates. 30 maps and diagrams.
- 72. BOXER, BARUCH. Ocean Shipping in the Evolution of Hong Kong 1961. 108 pp.
- ROBINSON, IRA M. New Industrial Towns on Canada's Resource Frontier
 1962. (Research Paper No. 4, Program of Education and Research in Planning, The University of Chicago.) 192 pp.
- 74. TROTTER, JOHN E. State Park System in Illinois 1962. 152 pp.
- 75. Burton, IAN. Types of Agricultural Occupance of Flood Plains in the United States 1962. 167 pp.
- 76. PRED, ALLAN. The External Relations of Cities During 'Industrial Revolution' 1962. 124 pp.
- 77. BARROWS, HARLAN H. Lectures on the Historical Geography of the United States as Given in 1933 Edited by WILLIAM A. KOELSCH. 1962. 248 pp.
- 78. KATES, ROBERT WILLIAM. Hazard and Choice Perception in Flood Plain Management 1962.
- 79. HUDSON, JAMES. Irrigation Water Use in the Utah Valley, Utah
- 80. ZELINSKY, WILBUR. A Bibliographic Guide to Population Geography 1962.



