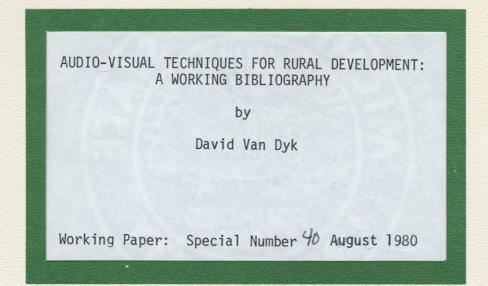
# AFRICAN RURAL ECONOMY PROGRAM

x

# WORKING PAPER



Department of Agricultural Economics Michigan State University East Lansing, Michigan 48824

# AUDIO-VISUAL TECHNIQUES FOR RURAL DEVELOPMENT: A WORKING BIBLIOGRAPHY\*

by

David Van Dyk\*\*

Working Paper: Special Number

August 1980

\*Prepared under Grant Agreement (AID/afr-G-1261) between Michigan State University and the U.S. Agency for International Development

\*\*Audio-Visual Specialist working with the Eastern Regional Development Organization (ORD) in Fada N'Gourma, Upper Volta, Michigan State University Integrated Rural Development Contract (AID/afr-C-1314) with the U.S. Agency for International Development.

#### FOREWORD

The African Rural Economy Program was established in 1976 as an activity of Michigan State University's Department of Agricultural Economics. The African Rural Economy Program is a successor to the African Rural Employment Research Network which functioned over the 1971-1976 period.

The primary mission of the African Rural Economy Program is to further comparative analysis of the development process in Africa with emphasis on both micro and macro level research on the rural economy. The research program is carried out by faculty and students in the Department of Agricultural Economics in cooperation with researchers in African universities and government agencies. Specific examples of ongoing research are, "Poor Rural Households, Income Distribution and Technical Change in Sierra Leone and Nigeria," "Rural and Urban Small-Scale Industry in West Africa," "Dynamics of Female Participation in the Economic Development Process in West Africa," and "The Economics of Small Farmer Production and Marketing Systems in the Sahelian Zone of West Africa".

> Carl K. Eicher Professor of Agricultural Economics Michigan State University

# TABLE OF CONTENTS

Page

COMMUNICATION AND DEVELOPMENT: OVERVIEWS	1
COMMUNICATION AND DEVELOPMENT: SOCIO-ANTHROPOLOGICAL ASPECTS	2
ASPECTS	2
COMMUNICATION AND DEVELOPMENT: ART AND SYMBOLS	3
THE ROLE OF MEDIA IN DEVELOPMENT	4
EDUCATIONAL TECHNOLOGY: OVERVIEW	7
AUDIO-VISUAL TECHNIQUES	8
THE USE OF FILM/VIDEO TECHNIQUES	10
THE USE OF RADIO IN DEVELOPMENT	11
EDUCATION AND DEVELOPMENT	14
NON-FORMAL EDUCATION (including Literacy Programs)	15
BIBLIOGRAPHIC GUIDES	17
REFERENCE MATERIALS	18

#### COMMUNICATION AND DEVELOPMENT: OVERVIEWS

- Boyd, P. "Causes and Cures of Communication Neglect in Development Planning." <u>Educational Broadcasting International</u>, Vol. 8, No. 1, March 1975.
- Colle, Royal D. <u>Frontiers of Communication</u>. Ithaca: Cornell University, Dept. of Communication Arts, 1976.

. CSCS: An Experimental System for Communicating With Hardto-Reach People. Ithaca: Cornell University, Dept. of Communication Arts, 1976.

. "Communicating with Villages." Paper presented at 1976 Planning Seminar on Agriculture for Nutritional Improvement." Honolulu: East West Center, 1976.

- Diaz Bordenave, Juan E. <u>Communication and Rural Development</u>. Paris: UNESCO, 1977.
- Dube, S. C. "Some Problems of Communication in Rural Community Development." Economic Development and Cultural Change, Vol. 5, No. 1, (Oct. 1957): 129-146.

Drummond, Therese. <u>Using the Method of Paulo Freire in Nutrition</u>. Ithaca: Cornell University Monograph Series, No. 3, 1975.

- Ekman, Paul. "Communication Through Non-Verbal Behavior." <u>Affect,</u> <u>Cognition, and Personality</u>. S.S. Tomkins and C.E. Izard, Eds. New York: Springer Publishing Co., 1965.
- Friend, J. <u>Closing the Feedback Loop</u>. Stanford: Item Management Statistical Series, 1976.
- Fuglesang, A. <u>Communication with Illiterates</u>. Lusaka: National Food and Nutrition Commission, 1969.
- Hooland, C.; Janis, I.; and Kelly G. <u>Communication and Persuasion</u>. New Haven: Yale University Press, 1953.
- Lerner, Daniel. "Toward a Communication Theory of Modernization." in L. Pye (ed.) <u>Communication and Political Development</u>. Princeton: Princeton University Press, 1963.
- Opubor, Alfred E., (ed.) <u>Communication for Rural Development</u>. East Lansing: Michigan State University, African Studies Center, 1975.
- Perrett, Heli Sagasti. <u>Communication With the Rural Poor: A Knowledge</u> Base. Vol. I and II. Washington, D.C.: Academy for Educational Development, 1975.

## COMMUNICATION AND DEVELOPMENT: SOCIO-ANTHROPOLOGICAL ASPECTS

- Barnett, Homer G. <u>Innovation: The Basis of Cultural Change</u>. New York: McGraw Hill, 1953.
- Bierschenk, Bernhard. <u>Perceptual</u>, <u>Evaluative</u> and <u>Behavioral</u> <u>Changes</u> <u>Through Externally Mediated Self Confrontation</u>. Paris: UNESCO, 1975.
- Campbell, D.T. "Distinguishing Differences of Perception from Failures of Communication in Cross Cultural Studies." <u>Cross Cultural Under-</u> <u>standing, Epistomology in Anthropology</u>. New York: Harper & Row, 1964.
- Cole, Michael. <u>The Cultural Context of Learning and Thinking: The</u> <u>Exploration in Experimental Anthropology</u>. New York: Basic Books, 1971.
- Colletta, N.J. <u>The Use of Indigenous Culture as a Medium for Development:</u> <u>The Indonesian Case</u>. Paris: UNESCO, Instructional Technology Report No. 12, September, 1975.
- Daube, S.C. "Cultural Factors in Rural Community Development." The Journal of Asian Studies. XVI, No. 1, (November, 1956): 19-31.
- Dawson, J.L.M. "Cultural and Physiological Influences Upon Spatial Perceptional Processes in West Africa." <u>International Journal</u> of Psychology. Vol. 29, 1974.
- Goldschmidt, Walter, and Edgerton, Robert B. "A Picture Technique for the Study of Values." <u>American Anthropologist</u>. 63 No. 1, (1961): 26-47.
- Holmes, Alan C. <u>A Study of Understanding of Visual Symbols in Kenya</u>. London: Overseas Visual Aids Centre, 1963.
- Hudson, W. "Pictorial Depth Perception in Subcultural Groups in Africa." Journal of Social Psychology. Vol. 52, No. 2, (Bimonthly-Nov., 1960): 183-208.
- Hymes, Dell. "Toward Ethnographics of Communication" in "The Ethnography of Communication," J.J. Gumpert and D. Hymes, Eds. Special Publication, American Anthropologist. 66 (6, pt. 2), (1964): 1-34.
- Lerner, Daniel. The Passing of Traditional Society. Glencoe: The Free Press, 1958.
- Levi-Strauss, Claude. <u>Mythologique: Le Cru et le Cruit</u>. Paris: Plon, 1964.
- Winter, W.L. "Size Constancy, Relative Size Estimation and Backround-A Crosscultural Study." <u>Psychologia Africana</u>, Vol. 12, No. 1, (August, 1967): 42-58.

#### COMMUNICATION AND DEVELOPMENT: ART AND SYMBOLS

- Biebuyck, D.P. (Ed.). <u>Tradition and Creativity in Tribal Art</u>. London: University of California Press, 1973.
- Brown, Evelyn. <u>Africa's Contemporary Art and Artists</u>. New York: published and distributed by Division of Social Research and Experimentation, Harmon Foundation, 1966.
- Delange, J. "Art et Peuples de l'Afrique Noir: Introduction à l'Analyse de Creations Plastiques." Gaillimand. 1967.
- Gagne, M.R. <u>The Conditions of Learning</u>. New York: Holt, Rinehart and Winston. 2nd edition, 1970.
- Mitton, Roger. <u>Understanding Print</u>. A survey in rural Lesotho of people's ability to understand text and illustrations. Lesotho Distance Teaching Centre, July, 1976.
- Mulholland, Thomas B. "Training Visual Attention." <u>Academic Therapy</u> Vol. 10, No. 1, (Fall, 1974): 5-18.
- Shaw, Bernard. <u>Visual Symbols Survey</u>. Centre for Educational Development Overseas, 1969.
- Worth, Sol. "Cognitive Aspects of Sequence in Visual Communication." Audio Visual Communication Review. 16 No. 2, (1968): 121-146.

#### THE ROLE OF THE MEDIA IN DEVELOPMENT

- Barrett, Mike. "Media in Non-Formal Education." <u>Educational Broad</u>casting International. Vol. 9, No. 4, (1976): 150-154.
- Cassirer, Henry. <u>Mass Media in an African Context: An Evaluation of</u> <u>Senegal's Pilot Project</u>. Paris: UNESCO, Reports and Papers on Mass Communications. No. 69, 1974.
- Cusak, M. "New Media in Africa: Trends and Strategies." <u>Ed. Broad</u>casting Rev. Pct. Vol. 4, No. 5, (1970): 23-30.
- Dodds, T. <u>Multi-Media Approach to Rural Education</u>. London: International Extension College, 1972.
- Eapen, Kenneth E. <u>The Media and Development</u>. Leicester: The University of Leicester and World Association for Christian Communication, 1973.
- Fuglesang, Andreas. <u>Applied Communication in Developing Countries</u>. Uppsala: The Dag Hammerskjold Foundation, 1973.
- Gerlach, V.S., and Ely, D.P. <u>Teaching and Media: A Systematic Approach</u>. New York: Prentice-Hall, 1971.
- Healy, Jesoph E. Using a Multi-Media Approach on the Local Level in Tanzania. Nairobi: Seminar on "Communication Support for Development Programs", 1972.
- Hornick, R.; McAnany, E.; and Mays, J. "Mass Media in Rural Education." International Education Yearbook. London: Evans Brothers, 1974.
- Ingle, H.T. <u>Communication Media and Technology: A Look at Their Role</u> <u>in Non-Formal Education Programmes</u>. Washington, D.C.: The Information Center on Instructional Technology, Academy for Educational Development, 1974.
- Kidd, Ross, and Byram, Burton. <u>Folk Media and Development: A Botswana</u> <u>Case</u>. Gabonne: Botswana Extension College, 1976.
- Kinyanjui, Peter E. <u>Critical Decision Points in the Implementation and</u> <u>Evaluation of Media Systems: Kenyan Case Study</u>. Nairobi: University of Nairobi, 1975.
- Krival, Arthur S. "Critical Decision Points in the Implementation of a Media System: The USAID/Wisconsin Project in Kenya, 1967-1971." Conference on Communication Policy Planning for Education and Development. Stanford, 1976.
- McLuhan, M. <u>Understanding Media:</u> The Extension of Man. New York: Mcraw-Hill, 1964.
- Munger, Sara J.; Gates, Jesse L.; and Patrick, B. <u>New Approaches--Mass</u> <u>Media Nonformal Nutrition Education: Communication Model and Dem-</u> <u>onstrations Plan. Allison Park, PA: Synetics Corp., 1976.</u>

- Noak, Hans. <u>Use of Mass Media in the Education of Adults</u>. Lusaka: Evelyn Hone College, Zambia, 1965.
- Ohlinger, J. Listening Groups: Mass Media in Adult Education. Boston: Center for the study of Liberal Education for Adults, 1967.
- Perrett, H.E. <u>Applied Communications Technology in Rural Development</u>. Washington: Academy for Educational Development, 1976.
- Rao, Y.V. Lahshmana. <u>Communication and Development</u>. Minneapolis: University of Minnesota Press, 1966.
- Rogers, Everett. <u>Modernization Among Peasants: The Impact of Communi-</u> <u>cation</u>. East Lansing: Dept. of Communication, Michigan State University, 1968.
- Rogers, E., and Shoemaker, F. <u>Communication of Innovations: A Cross</u> Cultural Approach. New York: Free Press, 1971.
- Rogers, E.M., and Svenning, L. <u>Modernization Among Peasants: The</u> <u>Impact of Communication</u>. New York: Holt, Rinehart and Winston, Inc., 1969.
- Romiszowski, A.J. <u>The Selection and Use of Instructional Media</u>. New York: McGraw-Hill, 1968.
- Rosenberg, Kenyon C. <u>Media Equipment: A Guide and A Dictionary</u>. Littleton Co: Libraries Unlimited, 1976.
- Schramm, Wilbur. <u>The Science of Human Communication</u>. New York: Basic Books, Inc., 1963.

. <u>Mass Media and National Development</u>. Paris: Stanford University/UNESCO, 1964.

- \_\_\_\_\_. <u>Big Media, Little Media</u>. Stanford: Stanford University, inst. Comm. Research, March, 1973.
- . <u>Criteria for Selecting Media Systems</u>. Paper presented at USAID Conference on Communications Policy and Planning for Education and Development. Stanford, CA: 1976.
- Schramm, W., and Roberts, D. (Eds.). <u>The Process and Effects of Mass</u> Communication. Urbana: University of Illinois Press, 1971.
- Selden, Sherman W. "Some Cultural Limitations to Visual Aids." <u>Audio</u> Visual Instruction. Vol. 16, No. 1, (January, 1971): 15-6
- Travers, Robert Morris William. <u>Man's Information Systems: A Primer</u> for Media Specialists and Educational Technologists. Scranton, PA: Chandler Publishing Co., 1970.
- Unwin, D. Media and Methods. London: McGraw-Hill, 1969.
- Valdes, J., and Crow, J. <u>The Media Works</u>. Dayton, Ohio: Pflaum/Standard Publishing, 1973.
- Van Dol, Jean Marie, and Fakhfakh, Adbelfattah. <u>The Use of Mass Media in</u> <u>Developing Countries</u>. Brussels: International Center for African Social and Economic Documentations, Bibliographic Enquiry Series, No. 1, 1971.

- Waisanen, Roy. <u>The Impact of Communication on Rural Development</u>. Paris: UNESCO, 1975.
- Wyman, Raymond. <u>Mediaware:</u> Selection, Operation and Maintenance. Dubuque, IA: W.C. Brown Co., 1976.

#### EDUCATIONAL TECHNOLOGY: OVERVIEW

- Almsey, J.W., and Dahl, M.C. <u>An Inquiry into the Uses of Instruc</u>tional Technology. New York: Ford Foundation, 1973.
- Bullough, Robert. <u>Creating Instructional Materials</u>. Columbus, Ohio: C.E. Merrill Publishing Co., 1974.
- Downing, B., and Williams, J. "Lettering with the Unistencil (Techniques for Teaching, Visual Aids)." Cooperative Extension Service, College of Agriculture, Washington State University, 1977.
- Dwyer, Francis M. <u>A Guide for Improving Visualized Instruction</u>. State College, PA: Learning Services, 1972.
- Hancock, Alan. Producing for Educational Mass Media. London: Longhaus, 1976.
- Hudson, W. "Pictorial Perception and Educational Adaptation in Africa." Psychologia Africana, Vol. 9, (1962): 226-239.
- Hug, William E. Instructional Design and the Media Program. Chicago: American Library Association, 1975.
- Hurst, P. "Educational Technology and Innovations in the Third World." <u>Educational Broadcasting International</u>. Vol. 8, No. 4, (December, 1975): 160-165.
- Jamison, D.; Suppes, P.; and Wells, S. <u>The Effectiveness of Alternative</u> <u>Instructional Media: A Survey</u>. Stanford: Stanford University, Institute for Communications Research, March, 1973.
- Lundeen, Bruce E., and Lundeen, Alisa. <u>The Potential of Locally Produced</u> <u>Materials and Small Media in Community Development</u>. Kenya: Kenya Catholic Secretariat, 1977.
- Minor, E., and Freye, H.R. <u>Techniques for Preparing Visual Instructional</u> <u>Media</u>. New York: McGraw-Hill, 1970.
- Mirwis, Allan. <u>GEMS: Guides to Educational Media Software</u>. Brooklyn, Educational Media Services, 1977.
- Reed, Fred W. <u>Pretesting Communications: A Manual of Procedures</u>. Chicago: University of Chicago, Communication Laboratory, 1977.
- Rowntree, D. <u>Educational Technology in Curriculum Development</u>. London: Harper and Row, 1974.
- Spaulding, Seth. "Communication Potential of Pictorial Illustrations." Audio-Visual Communications Review. Vol. 4, No. 1, Winter, 1956.
- UNESCO. Development of Educational Methods and Techniques Adapted to Conditions Prevalent in Developing Countries. Paris: Department of Educational Structures and Methods, 1975.
- Zelmer, A.C. Lynn. <u>Community Media Handbook</u>. Metuchen, NJ: Scarecrow Press, 1973.

#### AUDIO-VISUAL TECHNIQUES

- Banerjee, Sumarta. <u>Audio Cassettes: The USEA Medium</u>. Monographs on Communication Technology and Utilization, 3. Paris: UNESCO, 1977.
- Belt, Forest H. <u>1-2-3-4 Servicing Cassettes</u>. London: W. Foulsham and Co., 1973.
- Botham, C.N. <u>Audio-Visual Aids for Cooperative Education and Training</u>. Rome: FAO, 1967.
- Brown, James W. A-V Instruction: Technology, Media, and Methods. New York: McGraw-Hill, 1973.
- Cable, R. <u>Audio-Visual Handbook</u>. London: University of London Press, 1968.
- Christophersen, J. <u>Audio-Visual Aids for Fertilizer Use Extension</u>. Report on the FAO/NORAD Seminar on Fertilizer Use in Development in Tanzania. Morogoho, Tanzania: 1975.
- Colle, Royal D. <u>Cassette Special Communication Systems</u>: A Preliminary <u>Inventory and Outlook for Their Use in Rural Development</u>. East Lansing: MSU, 1976.
- Collier, John, Jr. <u>Visual Anthropology: Photography as a Research</u> Method. New York: Holt, Rinehart and Winston, 1967.
- Dale, Edgar. <u>Audio-Visual Methods in Teaching</u>. 3rd Ed. New York: Dayden Press, 1969.
- Decaigny, Thio. <u>Communication Audiovisuelle et Pédagogie</u>. Paris: Nathan-Labour, 1973.
- DeKieffer, R.E., and Cochran, L.W. <u>Manual of Audio-Visual Techniques</u>. Englewood Cliffs: Prentice Hall, 1962.
- Deregowski, J.B. "Pictorial Recognition in Subjects from a Relatively Pictureless Environment." <u>African Social Research</u>. Vol. 5, (June, 1968): 356-364.
- Eboch, Sidney C. <u>Operating Audio-Visual Equipment</u>. San Francisco: Chandler Publishing Co., 1975.
- Erickson, Carlton W. <u>Fundamentals of Teaching with Audio Visual In</u>struction. New York: Macmillan, 1972.
- Falconio, A. <u>Proposals for an Audio-Visual System of Information in</u> Agriculture. Rome: FAO, 1975.
- Faure, C., and Jacquinot, G. <u>Stage D'Initiation á L'Audio-visuel:</u> Rapport Final. Bouake Cote D'Ivoire: UNESCO, 1972.
- Frio, A.S. "Preparation and Use of Audio-Visual Communication Media and Materials for Extension Work." <u>Extension-Communication</u> <u>Sourcebook for Sugarcane Officers</u>. Laguna, Phillipines: 1978.

- Gardner, Andrew B. The Artist's Silkscreen Manual. New York: Grosset and Dunlap, 1976.
- Gendre, Claude. Le Magnétophone et l'enseignement Audio-Visual. Paris: Chiron, 1953.
- Gordon, Roger L. The Art of Multi-Image. Abington, PA: Association for Multi-Image, 1978.
- Goudket, Michael. <u>An Audiovisual Primer</u>. New York: Teacher's College Press, 1974.
- Harrison, K.M. "Visual Aids Centers in Africa." <u>Teacher Education</u>. Vol. 6, No. 2, (November, 1965): 124-133.
- Holmes, Alan C. <u>Visual Aids in Nutrition Education: A Guide to Their</u> <u>Preparation and Use.</u> Rome: FAO, 1971.
- Kemp, Jerrold E. <u>Planning and Producing Audio Visual Materials</u>. New York: Crowell Press, 1975.
- Knowlton, James Quincey. <u>A Conceptual Scheme for the Audio-Visual Field</u>. Bloomington: Bureau of Educational Studies and Testing. School of Education, Indiana University, 1964.
- Laird, Dugan. <u>A User's Look at the Audio-Visual World</u>. Fairfax: National Audio-Visual Association, 1974.
- Larsen, E. The Transparency as an Audio-Visual Aid. Rome: FAO, 1976.
- Mignot-Lefevre, Yvonne. "Audio-Visual et Développement: Une Réflexion Nécessaire." <u>Tiers Monde</u>. XVIII, No. 71, Juillet-Septembre, 1977.

Nusen, C.G. The Tape Recorder. London: Phillips Paperbacks, 1964.

- Oates, Stanton C. <u>Audiovisual Equipment: Self Instruction Manual</u>. Dubuque: W.C. Brown, 1975.
- Pett, Dennis W. <u>Audio-Visual Communication Handbook</u>. Washington: Peace Corps, 1970.
- Planque, B. <u>Montages Audio-Visuels</u>. Paris: Presses Île de France, 1967.
  - <u>Lé Rétro-Projecteur Guide Practique pour le Choi et L'utili-</u> sation. Paris: Presses d'Ile de France, 1973.
- Powell, An. <u>A Guide to the Overhead Projecter</u>. London: British Association for Commercial and Industrial Education, 1974.
- Smith, S.M. (Ed.). <u>The Organization of Audio Visual Resources for</u> <u>Learning</u>. Watford: National Committee for Audio Visual Aids in Education, 1970.
- Tailier, C. Visual Aids for Training. El Batan, Mexico: 1973.
- UNESCO. <u>Multinational Exchange Mechanisms of Educational Audio-Visual</u> <u>Materials</u>. Paris: Division of Methods, Materials and Techniques, 1975.
- Wisman, Raymond V. <u>Instructional Materials:</u> An <u>Illustrated Handbook of</u> <u>Ideas, Skills, and Techniques for Producing and Using Adio Visual</u> <u>Materials.</u> Worthington, OH: C.A. Jones Publishing Co., 1972.
- Wittich, Walter Anno. <u>Audiovisual Materials: Their Nature and Use</u>. 4th Ed. New York: Harper, 1967.

#### THE USE OF FILM/VIDEO TECHNIQUES

- Ackerman, Jean Marie. Films of a Changing World: A Critical International Guide: Vol. II. Washington: Society for International Development, 1977.
- Allen, W.H. Effectiveness of Different Combinations of Visual and Verbal Presentation Modes in Teaching Different Kinds of Learning Tasks. USOE Final Report, Project No. 6-1265. Los Angeles: University of California, 1970.
- Axienza, Loretta J. <u>VTR WORKSHOP: Small Format Video</u>. Paris: Monographs on Communication Technology and Utilization 4. Paris: UNESCO, 1977.
- Ball, John. Process: <u>The Conceptual Basis for Communication Study:</u> <u>Research, Principles and Practices in Visual Communication</u>. East Lansing, Michigan: National Project in Agricultural Communications, 1960.
- Bell, Geoffrey. 8-mm Film for Adult Audiences. Paris: UNESCO, 1968.
- Bouman, Jan C. <u>Bibliography on Filmology as Related to the Social</u> <u>Sciences</u>. Reports and Papers on Mass Communication, No. 9. Paris: UNESCO, 1954.
- Carpenter, Lane; Gregson, Sebbald; and Pfifferling, J.H. <u>Films: The</u> <u>Visualization of Anthropology</u>. University Park, PA: Audio Visual Services, 1973.
- Coynik, David. <u>Moviemaking, a Worktest for Super-8 Film Production</u>. Chicago: Loyola University Press, 1974.
- Gwyn, S. <u>Cinema as Catalyst: Film, Video Tape and Social Change, A</u> <u>Report on a Seminar</u>. St. Johns, Newfoundland: Memorial University of Newfoundland, March, 1972.
- Le Gros, Charles. "Le Cinebus: Instrument du Developpment." <u>Afrique</u>. No. 45, (April, 1965): 32-33.
- Rouch, Jean. "Cinéma d'Exploration et Ethnographe." <u>Connaisance du</u> Monde. 1:69-78, 1955.
- Vieyra, Paulin Soumanou. <u>Le Cinema Africain Des Origines à 1973</u>. Présence Africaine, Paris, 1975.
- Wilson, Alfred E. "Literature on African Films." <u>Rural Africana</u>. No. 12, (1970): 64-75.
- Winter, Myrtl, and Spurr, Norman F. <u>Film-Making on a Low Budget: The</u> UNESCO-UNRWA Pilot Project. New York: UNESCO, 1960.

- Aspinall, Richard. <u>A Manual for Training Radio Programme Production</u>. Paris: UNESCO, 1973.
- Balcomb, J. "Communication for Development; from Propaganda to Dialogue." <u>Educational Broadcasting International</u>. Vol. 8, No. 1, (March, 1975): 10-14.
- Barrett, Hugh, "Health Educaiton A Campaign for Radio Study Groups in Tanzania." <u>Educational Broadcasting International</u>. London: Hall Printers, 1974.
- Bartram, A.W., and King, P. <u>Radio Vision Using Non-Projected Visuals</u>. Paris: UNESCO/ICEM, 1975.
- Braun, Juan R. <u>Communication, Non-Formal Education and National Develop-</u> <u>ment: The Columbian Radio Schools.</u> (Ph.D. dissertation). East Lansing: Michigan State University, 1975.
- Browne, D. "Radio in Africa: Problems and Prospects." <u>NAEB Journal</u>. Nov.-Dec., 1973.
- Burke, Richard. <u>The Use of Radio in Adult Literacy Education</u>. Teheran: International Institute for Adult Literacy Methods, 1976.
- Cassirer, H. "Two-Way Radio in Rural Senegal." <u>Educational Broadcasting</u> International. June 4, 1970, 148-149.
- CDC. <u>A Sourcebook on Radio's Role in Development</u>. Washington: Information Bulletin No. 7, 1976.

Clerc, Jean-Pierre. "Radio Educational Broadcasting in Senegal." <u>Pros</u>pects. Vol. 14, No. 4, Winter, 1974.

- Coleman, T.; Opakes, A.; and Abell, H. <u>An African Experiment in Radio</u> Forums for Rural Development: <u>GHANA 1964/1965</u>. Paris: UNESCO, Reports and Papers on Mass Communications, No. 51, 1968.
- Contrevas, Eduardo; Larson, James; Mayok, John, K.; and Spain, Peter. Cross-Cultural Broadcasting. Paris: UNESCO, 1976.
- Cutter, Charles. <u>Political Communication in a Pre-Literate Society:</u> <u>The Radio in Mali</u>. Denver: Paper presented at the Fourteenth Annual Meeting of the African Studies Association, 1971.
- Deance, F.R. Broadcast Training Techniques. Paris: UNESCO, 1976.
- DeFever, A. "Radio in Agricultural Extension in Developing Countries." Educational Broadcasting International. Vol. 5 March, 1971: 24-7.
- El Hadj Badge, M., and Dix, Robert J. <u>Dix ans d'Animation Radiophonique</u> <u>en Milieu Rural</u>. Niamey, Niger: <u>Association des Radio-Clubs du</u> Niger, 1972.
- Guise, Philip J., Jr.; Epstein, Kenneth I.; and Unhin, Teri G. <u>Educa-</u> <u>tional Radio: A Review of Literature</u>. Tallahassee: Florida State University Center for Educational Technology, 1974.

- Halesworth, B. "Radio, the Cinderella Medium." Educational Broadcasting International. 5, (September, 1971): 189-91.
- Hall, Budd L. <u>Wakati wa Furaha: An Evaluation of a Radio Study Group</u> <u>Campaign</u>. Uppsala: Scandinavian Institute of African Studies, Research Report No. 13, 1973.
- Hall, Budd L., and Dodds, Tony. <u>Voices for Development: The Tanzanian</u> <u>National Radio Study Campaigns</u>. London: IEC Broadsheets on Distance Learning No. 6, International Extension College, 1973.
- Jain, N. <u>Some Social-Psychological Factors Related to the Effectiveness</u> of Radio Forums. East Lansing: Michigan State University, Department of Communications, 1968.
- Jamison, D., and Klees, S. <u>The Cost of Instructional Radio and Television</u> for Developing Countries. Stanford: Stanford University Institute for Communication Research, 1973.
- Kannert, D. "Radio Togo's Educational Programme." <u>New Media</u>. 1967, Vol. 2, 211-226.
- Kaufman, B. Radio Health Dramas in Kenya. Nairobi: UNICEF, 1975.
- Kerr, G.B. <u>Rural Radio Forums: A Research Review and A New Analytical</u> <u>Approach</u>. East Lansing: Deparment of Communication, Michigan State University, 1970.
- Khan, Muhammad A. The Impact of Farm Radio Forum in Diffusion of Innovations in Pakistan. Beirut: American University of Beirut, Publication No. 51, January, 1973.
- King, P. "Educational Radio Production Techniques." Educational Broadcasting International. 5, (January, 1971): 131-3.
- LeFranc, R. "Radio Clubs in Niger." New Media. 1967, Vol. 3.
- MacDonald, A.A., and Lechesa, V.R. <u>Radio Listening Patterns in Swazi-</u> land. Luyendo: University of Botswana, Lesotho and Swaziland, 1973.
- Madden, R. "Educational Radio Bibliography, 1945-1967" <u>Educational</u> Broadcasting Review. 2, No. 5, (1968): 66-79.
- Maddison, J. "Radio and Television in Literacy: A Survey of the Use of the Broadcasting Media in Combating Illiteracy Among Adults." Paris: UNESCO, Reports and Papers on Mass Communication, No. 62, 1971: 1-82.
- Marathey, R. Togo: Radio Educative. Paris: UNESCO, April, 1965.
- McAnany, Emile G. <u>Radio's Role in Development: Five Strategies of Use</u>. Information Center of Instructional Technology, Academy for Educational Development, September, 1973.
- Mengestra, G. Literacy by Radio, Evaluation Report 1961 E.C. Addis Ababa: Ministry of Education Mass Media Center, 1969.
- Mills, A. "Senegal: Radio Disso." Unpublished Report, Stanford University, Institute for Communication Research, 1972.

. "Rural Radio in Upper Volta." Unpublished Report, Stanford University: Institute for Communication Research, 1972.

- Riitho, V. "Radio in Family Planning Education in Africa." <u>Educational</u> Broadcasting International. Vol. 5, 1971: 243-5.
- Rogers, E., and Solomon, D. <u>Radio Forums for Development</u>. East Lansing: Michigan State University, Department of Communications, 1970.
- Spain, Peter; Jamison, Dean; and McAnamy, Emile G., Eds. <u>Radio for</u> <u>Education and Development: Case Studies</u>. Washington: Department of Education, The World Bank, 1977.
- Taylor, G. "Radio: An Experiment in Communication Skills." <u>A V Guide</u>. 51, No. 5 (May, 1972): 12-15.
- Theroux, James M. <u>Techniques for Improving Educational Radio Programmes</u>. Educational Studies and Documents, No. 30, UNESCO, 1978.
- Waller, Judith. <u>Radio The Fifth Estate</u>. New York: Houghton Mifflin Company, 1946.

#### EDUCATION AND DEVELOPMENT

- Brembeck, C. <u>New Strategies for Educational Development</u>. London: Lexington Books, 1973.
- Cassirer, H. "The Role of Information in Educational Development." Innovation. June, 1975.
- Castle, E. Education for Self-Help: New Strategies for Developing Countries. Delhi and Nairobi: Oxford University Press, 1972.
- Coombs, P., and Ahmed, M. Education for Rural Development: Case Studies for Planners. New York: Praeger Publishers, 1975.
- Davis, G. "The Challenge of Educational Technology in Underdeveloped Countries." <u>Audiovisual Instruction</u>. 15, No. 3, (March, 1970): 64-67.
- Freire, Paulo. <u>Pedagogy of the Oppressed</u>. New York: Herder and Herder, 1970.

\_\_\_\_\_. Education for Critical Consciousness. London: Sheer and Ward, 1974.

- Grabe, Steven. The Rural Education System in Upper Volta. Essex, CT: ICED Case Study, 1972.
- Medlin, W.K. "Problems in Planning Rural Education for Agricultural and Nutrition Development." A Review of Relevant Findings from Communications Research. IIEP Seminar Paper 16. Paris: UNESCO, 1977.
- Mostefaoui, A., and Ader, J. <u>Upper Volta: Evaluation of a System of</u> Rural Education. Paris: UNESCO, 1968.
- Moore, F., and Seymour, M. <u>Strategy Statement for Education and Human</u> <u>Resources for the African Bureau</u>. Washington: USAID, 1978.
- Pensioen, J.A., Ed. <u>Educational Innovation in Africa</u>. The Hague: Institute of Social Studies, 1977.

Schwartz, B. Une Autre Ecole. Paris: Flammarion, 1977.

- Sine, Babacar. Education and Mass Media in Black Africa, Problems Presented by Adapting Educational Technologies. Paris: UNESCO, 1975.
- UNESCO. Education in a Rural Environment. Paris: UNESCO, 1974, No. 2.

NON-FORMAL EDUCATION (including Literacy Programs)

- Agency for International Development. <u>Non-Formal Education</u>. Washington: AID Bibliography Series: 1975.
- Awoniyi, T.A. The Teaching of the Mother Tongue to Adults. Bonn: Fachsteller fur Erwachsenenbildung in Entwichlungschulern, 1976.
- Axinn, George H. <u>Non-Formal Education and Rural Development</u>. Supplementary Paper No. 7. East Lansing: Institute for International Studies in Education, Michigan State University, 1973.
- Bonanni, C. <u>Technical Papers on Non-Formal Education</u>. Paris: UNESCO, Sept., 1977.
- Bown, Lalage J. <u>The Education of Adults and Social Change</u>. ABU Public Lecture, Ahmadu Bello University. Adult Education and General Extension Services, Conference on Adult Literacy and Development, Ahmadu Bello University. Zaria, Nigeria: 1968.
- Clason, Carla. "Three Experimental Projects: Upper Volta, Nepal and Chile." <u>Literacy Methods</u>. Winter, 1975. Teheran, Iran: Institute for Adult Literacy Methods, 1976.
- Coles, Edwin. <u>Adult Education in Developing Countries</u>. Oxford: Pergamon Press, 1969.
- Coombs, P., and Ahmed, M. <u>Attacking Rural Poverty: How Non-Formal Edu-</u> <u>cation Can Help</u>. Baltimore and London: Johns Hopkin's University Press, 1974.
- Colle, Royal D. "Guatamala Project: The Traditional Laundering Place as a Non-Formal Health Education Setting." <u>Convergence: An In-</u> ternational Journal of Adult Education. 10, No. 2, (1977): 32-40.
- Cotterell, F. Peter. Language and Media Support for Non-Formal Adult Basic Education. Nairobi, Kenya: AFROLIT Society, 1977.
- dePoncins, R., and Verdier, R. <u>Operation Groundnut in Mali: A Develop-</u> <u>ment Scheme Fostering Functional Literacy Instruction</u>. Paris: IEP, 1971.
- deSantoz, Peter. <u>Planning and Organization of Adult Literacy Programmes</u> in Africa. Paris: UNESCO, 1966.
- Dumont, Bernard. Functional Literacy in Mali: Training For Development. Paris: UNESCO, 1973.
- Forrest, Gunther J. <u>NFE-TV: Television for Non-Formal Education</u>. Amherst Center for International Education: University of Massachusetts, 1975.
- Geker, Jashua K. "Non-Formal Education in Ghana: The Use of Rural Radio Forums." Institute for Interantional Studies in Education, East Lansing, MI: 1975.

- Green, Donald G. <u>Non-Formal Education for Agricultural Development</u>. Honolulu: The East West Center, 1972.
- Hoxeng, J. Let Jorge Do It: An Approach to Rural Non-Formal Education. Amherst: University of Massachusetts, School of Education, 1973.
- Kahnert, F., with Capell, J., and Navaux, P. "Teaching Literacy by Television in the Ivory Coast." Paris: UNESCO, New Educational Media in Action, Case Studies for Planners, Vol. II, 1967.
- Manzoor, Ahmed, and Coombs, Philip H. <u>Attacking Rural Poverty: How</u> <u>Non-Formal Education Can Help. A Research Report for the World</u> Bank. Baltimore: Johns Hopkins University Press, 1974.
- <u>New Approaches Mass Media Non-Formal Education 1975-76</u>. Allison Park, Pa.: Synetics Corp., 1976.
- Niehoff, Richard O., and Neff, Kenneth L. <u>Non-Formal Education and the</u> <u>Rural Poor</u>. East Lansing: College of Education, Michigan State University, 1977.
- Paulston, Rolland. <u>Non-Formal Education in Development</u>. Pittsburgh: University of Pittsburgh, 1971.
- Phillips, H.M. Literacy and Development. Paris: UNESCO, 1970.
- Radel, David J., and Konoshima, Sinieye. <u>Communication and Non-Formal</u> <u>Education in Population/Family Planning: An Index of Materials</u> <u>Together With Information on Obtaining These Materials</u>. Honolulu: East West Center, 1976.
- Rao, V.K.R.V. "Role of Non-Formal Education for Rural Youth." Indian Journal of Adult Education. 36, No. 3-4, (March/April, 1975): 3-10.
- Sheffield, J.R., and Diejomaoh, V.P. <u>Non-Formal Education in African</u> Development. New York: African-American Institute, 1972.
- Trevisini, Tullio. <u>Non-Formal Education and Teacher Participation in</u> French-Speaking Africa South of the Sahara. Paris: UNESCO, 1975.
- Ward, T.V., and Herzog, W.A. <u>Effective Learning in Non-Formal Education</u>. East Lansing, MI: Michigan State University Educational Publications, 1974.
- Wood, F. <u>The Evaluation of Funcitonal Literacy Projects</u>: <u>UNESCO Workshop</u>. London: Unviersity of London, Institute of Education, 1969.
- Wood, W. Informal Education and Development in Africa. Paris: Mouton, 1974.
- Zimmer, Ann. <u>Understanding Visual Literacy and Communication</u>. Teheran, Iran: International Institute for Adult Literacy Methods, 1975.

## BIBLIOGRAPHIC GUIDES

- Azzouz, Azzedine. <u>Selected Bibliography of Educational Materials</u>: <u>Maghreb, Algeria, Libya, Morocco, Tunisia</u>. Washington, D.C.: National Science Foundation, 1975.
- FAO. <u>Education and Training: An Annotated Bibliography</u>. Rome: FAO Publications and Documents, 1976.
- Gagnet, Lorraine. <u>Upper Volta: A Selected and Partially Annotated Bib-</u><u>liography</u>. New York: UN Institute for Training and Research, 1972.
- Hachten, William A. <u>Mass Communication in Africa: An Annotated Biblio</u>graphy. Madison: University of Wisconsin, 1977.
- Ogunbi, Adebayo. <u>A Select Bibliography on Mass Communications in Africa</u>. East Lansing: Michigan State Unviersity, 1972.
- Opubor, Alfred E., and Hobbs, Mary K. "Development Communiction: A Selective Annotated Bibliography." <u>Rural Africana</u>. No. 27, 1975: 127-156.
- Paulston, Rolland. <u>Non-Formal Education</u>. An Annotated Bibliography. New York: Praeger, 1972.

## REFERENCE MATERIALS

- BREDA. First Inventory of Low Cost Didactic Materials Locally Produced in African Countries. compiled by Educational Technology Section. Dakar. UNESCO, 1978.
- FAO/UNESCO/ILO. World Directory of Distribution Sources of Educational Audiovisual Materials Relating to Agriculture and Food. Rome: FAO, 1978.
- Limbacher, James L. <u>A Reference Guide to Audio Visual Information</u>. New York: Bowker, 1972.
- Maddison, John. World Directory of Distribution Sources of Educational Audiovisual Materials Relating to Agriculture and Food. Part I: Africa, Asia, Oceana, Latin America. Rome: FAO, 1978.
- Steckel, Richard. <u>Adult Education in Africa: Resource Guide, Tanzania</u>. Boston: 1971.
- Taggart, Dorothy T. <u>A Guide to Sources in Educational Media and Techno-</u><u>logy</u>. Metuchen, NJ: Scarecrow Press, 1975.