PUBLICATIONS for Barrett Hazeltine

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- 7. "Comment on Motivation and Counseling of Engineering Students", *Journal of Engineering Education*, Vol. 53, No. 1, September 1966, pp. 63~64.
- 8. "Minilabs in Engineering Education", Proc. IEEE, Vol. 59, No. 6, June 1971, pp.980-981,
- 9. "Another Teaching Experience in Zambia", *Engineering Education*, Vol. 63, No. 1, April 1973, pp. 537-538.
- 10. "A New System of Academic Evaluation", *Research in Higher Education*, Vol. 1, No.4, October I December 1972.
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- 12. *Introduction to Electronic Circuits* and *Applications*, Textbook Kendall Hunt Publishing Company, Dubuque, IA, 1980.
- 13. Engineering Education and a Lifetime of Learning, Co-author, ASEE. Washington, DC, 1975.
- 14. "Strategies for Engineering Schools in Developing Countries", *Technos*, Vol. 6, No. 1, January-March, 1977,
- 15. "Lecture Handouts--an Effective Educational Tool" accepted for publication in ERM.
- 16. "Technology Strategies for Less Industrialized Nations", *Technos*, Vol. 69, No. 1, January-March 1980.
- 17. "The Human Side of Education", accepted for publication in *ERM*.
- 18. "Undergraduate TA's in Big Courses-Everybody Wins", *Engineering Education*, Vol. 81. No. 5, pp. 363-365. Feb·March 1981
- 19. "Energy Planning Issues in Malawi", Society for the Advancement of Science in Malawi Blantyre, May 9, 1981, *Malawi Journal of Science*, 1982.
- 20. "Malawian Management Case Studies, Vol. I". with J. Parkinson and P. Rutherford, University of Malawi-The Polytechnic, January 1982.
- 21. "Undergraduate Teaching Assistants in Large Courses", *ASEE Annual Conference Proceedings*, 1983.

- 22, "Engineering Courses for Liberal Arts Students: Recent Developments", *Frontiers in Education Conference Proceedings*, 1983, ASEE.
- 23, "Transfer of Technology into Malawi", *International Journal of Management*, Vol. 4, No. 2., June 1987, pp, 194-201
- 24 "Intermediate Technology", Course Outline, with Christopher Bull, *Bulletin of Science*, *Technology & Society*, Vol. 6, Number 6, 1986.
- 25. "Academic Visitors to Third World Universities Roles and Effectiveness" with James Chipeta submitted to *Topic* Magazine.
- 26. "Science and engineering: Their place in a complex world" *Private Colleges and Universities*, 1989
- 27. "Electronic Circuits and Applications," monograph published by NLA Center, SUNY-Stony Brook, Stony Brook, NY,
- 28. "Small Scale Technology in Botswana" SAMS Working Paper Series, No 93002, September, 1993, School of Accounting and Management Sciences, University of Botswana
- 29. "Note on the export rose growing business in Zimbabwe", John Griffis and Barrett Hazeltine, *Journal of the Export Rose Growers of Zimbabwe*, July 1997
- 30. <u>Appropriate Technology: Tools, Choices, and Implications,</u> Barrett Hazeltine and Christopher Bull, 1999, Academic Press, San Diego
- 31. <u>Field Guide to Appropriate Technology</u>, Barrett Hazeltine and Christopher Bull (editors), Academic Press, 2003, San Diego

Recent Reports

- 15. "Instruction Using Experiments in a Computer", John P. Fulton, Barrett Hazeltine, Brown University Report, Project 1-8-A0~5, Department of Health, Education and Welfare, July 31, 1973.
- 16. "Electric Power Generation for Camps in National Parks": B. Hazeltine and J.Mwenechanya, Report TD-111, School of Engineering, University of Zambia, February 1977.
- 17. "An Exportable, Self-Contained Introductory College Course in Management", developed through a grant from the Metropolitan the Insurance Company, May 15, 1978.
- 18. "An Operations Study of Brown University Health Services", with Michael Schield, May 1980,
- 19. "Engineering Education in the Republic of China", September 4, 1980, "Notes on Energy Planning in the Republic of China", September 4, 1980, prepared for the National Science Council, Republic of China.
- 20. "Notes on Energy Planning", "Economics of Photovoltaic Devices in Rural Bangladesh", July 23, 1982, prepared for Center for Policy Research, University of Dacca.
- 21. "Recommendations for Engineering Education in Southern New Jersey", Report to The New Jersey Department of Higher Education, with Marian Visich, May 1, 1986.
- 22. "The Liberal Art of Science, Agenda for Action". American Association far the Advancement of Science, Washington. DC 1990. (Member of study group that prepared report)
- 23. "Teaching Management Through Cases" Higher Education Development Unit, University of Botswana, Number 9, October 1993
- 24. "TechnoServe and The Miranda Caju Project", July 29, 2004, with Eric Sillman, case study for Technoserve and for educational use
- 25. "The Paul Cuffee School" November 26, 2004, case study for educational use
- 26. "Residential Properties", joint with Gerald King, April 2005, case study for educational use

Reviews

61 reviews since 1966 for Computer Reviews
Many reviews since 1962 for Math Reviews
92 reviews since 1982 for The Weaver
4 reviews since 1991 for IEEE Technology and Society Magazine
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Reviewer for IEEE Transactions on Education, ERM Division of ASEE, NCIIA

Recent Meetings Participated In and Seminars Presented

- 12. "Computers in Education" and "Technology Transfer". seminars presented at Prince of Songla University, Hat Yai, Thailand. August 7, 1984 and De LaSalle University, Manila, Philippines, August 9·10, 1984.
- 13. "Logic Circuits as a vehicle for Technological Literacy" invited lecture at Illinois State University, October 1, 1985.
- 14. "Appropriate Technology and Technology Transfer", Minerva Lecturer at Union College, October 23, 1985,
- 15. "Digital Logic", Technological Literacy Workshop, NJIT, Newark. NJ, June 5-6, 1985, January 6, 1986, June 3-4, 1986.
- 16. "Technological Literacy Courses", ASEE Annual Conference Atlanta, June 18. 198~,
- 17. "The New Liberal Arts", NASULGC meeting, Washington DC, November 11, 1985.
- 18. "Computers in Engineering Education", National University of Singapore. January 9, 1986.
- 19 "Computers in Education" Workshop presented at Payap University, Thailand, January 10-
- 16, 1986, at Satya Wacana University, Indonesia, January 1417, 1986, at De La Salle University, Philippines, January 21-24, 1986 as William P. Fenn Lecture, United Board for Christian Higher Education in Asia.
- 20. "Succeeding in a Technological Society" Institute on National Affairs. Iowa State University, Ames, Iowa, February 11, 1986.
- 21. "Logic Circuits presented at Technological Literacy session of AAHE, March 13, 1986, Washington, DC.
- 22~ "Technological Literacy-an Engineer's perspective" Iona College October 17 1986
- 23. "Technology for Third World Women", Union College, November 11, 1986
- 24. "Management of Research and Development" University of Ibadan January 16. 1987.
- 25. 'Technological Literacy and The New Liberal Arts," ACU-I Annual Meeting, Boston March 29, 1986.
- 26. "Computers in Malawi: Possibilities and Problems", presented at conference Computers in Southern Africa, March 22, 1988, Blantyre, Malawi
- 27. "Use of Computers in Planning", with G. R Mthindi, presented at conference Computers in Southern Africa, March 22, 1988, Blantyre, Malawi
- 28. "Appropriate Technology an Update from Malawi", NLA Project Directors Meeting, Wellesley, MA August 11, 1989.
- 29. Technological Literacy Courses at Brown University" 1990 ASEE Annual Conference

Proceedings, Toronto June 25, 1990.

30. "Teaching Non Engineers" ASEE Middle Atlantic Section Regional Meeting Annapolis, MD,

April 28, 1990,

- 31. "Review of Technological Literacy Programs", ABET Technological Literacy Workshop, Washington DC, May 6, 1991.
- 32. Member of Panel at "Workshop on Membership" at Sigma Xi National Meeting, October 11, 1991.
- 33. Technology Literacy Programs at Brown University," Sloan NLA meeting, Atlanta, GA, October 25, 1991.
- 34. "Weaving Technology and Human Affairs," Technological Literacy Conference, Washington, DC, February 8, 1992.
- 35. "Engineering Education: Opportunities and Constraints" ASEE Southwestern Regional Meeting, Albuquerque, NM, March 16, 1992.
- 36. "Why Engineering Belongs at a Liberal Arts College", Rowan College, March 22, 1994
- 37. "Effective and Unbiased Technology Transfer *Proceedings of the International Conference on Energy and the Environment,* Shanghai, China, May 8-10, 1995
- 38. Designing a Course for Technological Literacy" AAAS 19th Annual Meeting February 10, 1996
- 39. Panel on Technological Literacy Programs and Other Vehicles for Informed Public Decisions, (Panel Chair), 1996 International Symposium on Technology and Society-Technical Expertise and Public Decisions, Princeton University, June 21-22, 1996
- 40. "Technology Management-Difficult but Important", Popular Lecture Series No. 1/1997, National University of Science and Technology, Bulawayo, April 3, 1997
- 41. "Technology and Science Policy for Development" First International Conference on the Role of Science and Technology in Development" 7-11 Dec.1998, Faculty of Science, University of Malawi, Zomba, Malawi
- 42. "Introduction to Entrepreneurship and the Entrepreneurial Mind" Bates Seminar Series on Entrepreneurship, September 24, 1999, Bates College, Lewiston, Maine
- 43. "The Engineering Past as Prologue", Baylor University, October 5, 2000
- 44. "Appropriate Technology Design", Rhode Island School of Design, Providence, April 16, 2001
- 45. "How to be an Effective Innovator in the Third World", National Collegiate Inventors and Innovators Alliance, Annual Meeting, March 14-15, 2002
- 46. "Return on Introspection", In2: InThinking Network Inaugural Forum, April 19-20, 2002
- 47. "Successful Entrepreneurship", RITEC Venture 2002, June 13, 2002
- 48 "Globalization and Technology", Salve Regina University, Jan 24, 2003
- 49. "Integrating Sustainability and Social Entrepreneurship in Technical Programs" (Panel discussion), National Collegiate Inventors and Innovators Alliance, Annual Meeting, March 20-22, 2003
- 50. "Setting Up Small Businesses in Africa, Haffenreffer Museum of Anthropology, April 5, 2003
- 51. "Beyond Engineering: People and Insights" Integrating Sustainable-Appropriate Technology and Service Learning in Engineering Education, Sept 26-29, 2004, University of Colorado at Boulder