

Record Series Number



8/2/21
Agriculture
Agriculture Experiment Station
Benjamin A. Jones Papers, 1920s-2012

Box 1:

North Central Agricultural Experiment Station Director's Meeting Minutes and Working Papers
July 1973
November 1973
March 1974
July 1974
November 1974
March 1975
July 1975
July 1975, CRIS
Workshop
November 1975
March 1976
July 1976
November 1976
March 1977
July 1977
November 1977
March 1978
July 1978
November 1978
March 1979
August 1979
November 1979
March 1980
July 1980
November 1980
March 1981
July 1981
November 1981
March 1984
July 1984
November 1984
March 1985
July 1985
November 1985
November 1985 and 1986, Experiment Station Section, Agenda booklets

Box 2:

North Central Agricultural Experiment Station Director's Meeting Minutes and Working Papers
March 1986

The materials listed in this document are available for research at the University of Illinois Archives. For more information, email illiarch@illinois.edu or search <http://www.library.illinois.edu/archives/archon> for the record series number.

July 1986
 November 1986
 March 1987
 July 1987
 November 1987
 March 1988
 July 1988
 November 1989
 November 1989, Experiment
 Station Section March 1990
 June 1990, Workshop
 June 1990
 November 1990
 March 1991
 July 1991
 November 1991
 November 1991, Experiment Station Section and Division
 March 1992
 July 1992
 Committee of Nine (advisory committee to secretary of the USDA)
 Agenda/Minutes, Committee of Nine Meetings, 1974-75, 1978,
 1980-81 Working Papers, Committee of Nine Meetings
 June 1979
 September 1979
 December 1979
 May 1980
 September 1981
 December 1981
 May 1982
 Experiment Station Committee on Organization and Policy Minutes, 1979-82

Box 3:

Correspondence, January 1987-May 1988 (19 folders)

Box 4:

Correspondence, June 1988-June 1989 (18 folders)

Box 5:

Correspondence, July 1989-July 1990 (17 folders)

Box 6:

Correspondence, August 1990-September 1991 (17 folders)

Box 7:

Correspondence, October 1991-December 1991
 Appointment Books, 1978, 1979, 1982, 1987-91

SECOND ACCESSION: five boxes were transferred to the archive in 2015 and 2017.

Materials in this accession were arranged as follows:

Series 1: Personal Papers and Awards, 1950-2012

Series 2: Professional Papers, 1944-2011

Series 3: Photographs and Slides, ca. 1920's-1980s

Series 4: Alpha Epsilon Honor Society, 1963-2009

Series 5: Publications, 1955-1986

Series 1: Personal Papers and Awards, 1950-2012

This series contains Professor Jones's CV, his Master's thesis from the University of Illinois (1950), photographs, awards, and thank you notes to Professor Jones. This series is arranged with the CV first and then alphabetically.

Box 8:

1. Curriculum Vitae, 1988
2. Awards, 1949-2012
3. Jones, Benjamin A. Jr. "The Analysis of Tile Flow from Small Agricultural Plots," Master's thesis, University of Illinois, 1950
4. Photographs, undated
5. Thank you notes to Benjamin Jones, 1989-1998

Series 2: Professional Papers, 1944-2011

This series consists of speeches, correspondence, water survey notes, reports, biographical data, resumes, Agricultural Experiment Station records when Jones was the Associate Director of the Experiment Station, Agricultural Engineering Department historical materials, and files pertaining to the American Association of Agricultural and Biological Engineers (ASABE) files. This series is organized alphabetically.

Box 8:

6. Agricultural Engineering (AE) History Book Description, 1997-1998
7. Agricultural Engineering Section of Agricultural Experiment Station Biennial Reports, 1962-1994
8. Agricultural Experiment Station Centennial, 1987-1989
Subfolders:
 - Ben Jones Talks as Assistant Director of Ag. Experiment Station, 1989
 - Agricultural Experiment Station (AES) Centennial, 1987-1988
9. Agricultural Experiment Station, reports, 1974-1980
10. Agricultural (AG) Press Day, 1976
11. 25th Anniversary, Agricultural Experiment-U of Ill., 1957
12. Annual Reports, American Society of Agricultural and Biological Engineers (ASABE), 1977-2007
13. Ben Jones Survey Notes, notebook, 1955-1979
14. Card, L.E., "Some Accomplishments of the College of Agriculture from the early 1920s-1975," 1978
15. Committee Assignments, College and University, 1958-1975
16. Correspondence, 1952-1993

Series 2: Professional Papers, 1944-2011**Box 8:**

17. Correspondence, related to ASABE, 1 of 2, 2003-2007
18. Correspondence, related to ASABE, 2 of 2, 2003-2007
19. Endowed Chair, 1994-1999
20. Experience, committee lists, 1963-1991
21. Experience record, 1949-1952
22. Experience record, 1952-1957
23. Experience record, 1958-1964
24. Experience record, 1 of 2, 1964-1973
25. Experience record, 2 of 2, 1964-1973
26. Experience record, 1998-2003
27. Experience record, agricultural experiment station, 1 of 2, 1973-1993
28. Experience record, agricultural experiment station, 2 of 2, 1973-1993
29. Experience record and biographical data, 1973-1992
30. Experience record, resumes, 1960-1979

Series 2: Professional Papers, 1944-2011**Box 9:**

1. Faculty meeting notes, "Regional and National Planning and Implementation System for Agricultural, Forestry, and Home Economics Research," 1975
2. Faculty retreat, comments on "Food for Century III," 1976
3. First Hundred Years, 1977
4. Food for Century III, talks, 1975-1977
5. Gamma Sigma Delta, 1955-1997
6. History book marketing, 1997-1998
7. *Hydraulic Tables, Second Edition*, War Department Corps of Engineers, book, 1944
8. Information, Soybean network, 1977
9. Information to keep for Agricultural Engineering history, 1950-2011
10. Japanese Water Policy Team, 1958
11. Land Atlas and Plat Book, Champaign County, Ill, 1990
12. Larson, Bruce L., *History of the Department of Dairy Science at the University of Illinois*, 1994
13. Paul Bateman Bequest, 1998
14. Responses-Bureau of Budget, 1976-1977
15. Smith-Hard Illinois Annotated Statutes, the Drainage Code, 1956
16. Speech, "Food for Century III," 1976
17. Text copy with outline, ASABE, 2006-2007
18. Tri-Annual Atlas and Plat Book, Macon County, Illinois, 1964
19. The University of Illinois round barns, drawings, undated
20. Third of a Century celebration, 1965
21. University of Illinois Board of Trustees tour of the College of Agriculture, 1977
22. Water resource planning course, spring 1965, 1964

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Series 3: Photographs and Slides, ca. 1920's-1980s

This series consists of historical photographs and slides mostly pertaining to drainage systems, agricultural machinery, lab work, and the plowing and cultivation of fields.

Box 9:

- 23. Photographs, drainage systems, fields, negatives included, ca. 1962
- 24. Slides, ca. 1952-1983
 - Agricultural equipment, ca. 1952-1953
 - Silt soil graphs, machinery, thesis group, ca. 1958
 - Agricultural Engineering, Engineer's Council for Professional Development (ECPD) Inspection, 1960
 - Infiltration of soils, ca. 1963-1965
- 24. Slides, ca. 1952-1953 (cont.)
 - Drainage, poor work, failures, work needed, ca. 1965-1973
 - History of drainage, ca. 1971
 - Plowing and cultivation of fields, lab work, ca. 1920s
 - San Diego, CA smog line, aerial views of plots, ca. 1983

Series 4: Alpha Epsilon Honor Society, 1963-2009

This series contains meeting notes, correspondence, information booklets, constitution, proclamation, and history of the Alpha Epsilon Honor Society, an honor society for outstanding agricultural, biological, and food engineering students. This series is organized alphabetically.

Box 9:

- 25. Alpha Epsilon activities, 1984-1986
- 26. Alpha Epsilon, advisors, 1991
- 27. Alpha Epsilon, blueprint and description of a large Alpha Epsilon key, Illinois Delta Chapter, 1979-1984
- 28. Alpha Epsilon, faculty responses, 1984-1987
- 29. Alpha Epsilon, old files, 1 of 2, 1963-2009
- 30. Alpha Epsilon, old files, 2 of 2, 1963-2009
- 31. Alpha Epsilon, replies, 1987-1991
- 32. Alpha Epsilon, spring initiation meeting, 1994
- 33. Constitution, 1980
- 34. Current correspondence, 1984-1987
- 35. Engineering council, 1983-1985
- 36. Fall dinner meeting, 1992
- 37. History, ca. 1984
- 38. Information booklets, 1989-1992
- 39. Initiation banquet, 1978-1979
- 40. Initiation ceremony, 1990
- 41. Keys, 1979-1992
- 42. Meeting notices, 1983-1986
- 43. National correspondence, 1982-1985
- 44. Outstanding Agricultural Engineering freshman, 1975-1979
- 45. Photographs, ca. 1979
- 46. Proclamation, 1962-1990

Series 5: Publications, 1955-1986

Consists of journal articles and class textbooks authored and co-authored by Benjamin Jones. Journal articles are listed first and organized chronologically, followed by three of his class textbooks.

Box 9:

47. Publications, 1955-1969

- Jones, Benjamin A., Jr. and Howard L. Wakeland. "Supplemental Irrigation of Pastures." *Agricultural Engineering*, 35-3; 181-184. (1955) (technical)
- Muirhead, B.F. and Jones, B.A., Jr. "Irrigation, Is it for You?" Circular 763, University of Illinois, College of Agriculture. May 1956. 8 p. (popular)
- Jones, Ben A. Jr. "Buying Your Sprinkler Irrigation System." Circular 789, University of Illinois, College of Agriculture. January, 1958. 8 p. (popular)
- McKibben, G.E., Gard, L.E., Webb, R.J., Cage, H.A. and Jones, B.A., Jr. "Experimental Irrigation of Ladino Clover Grass Pasture." Bulletin 640, University of Illinois, Agricultural Experiment Station. March 1959. 32 p. (technical)
- Hay, R.C. and Jones, B.A., Jr. "Farming and Contour." Circular 806, University of Illinois, College of Agriculture. May 1959. 6 p. (popular)
- Jones, B.A., Burwell, R.E., Atkinson, H.B., Hay, R.C., and Van Doren, C.A. "Effect of Farming Across Terrains in Straight Row Field Operations." *Transactions ASAE* 1-2; 115-117, 119. (1959). (technical)
- Purnell, W.F. and Jones, B.A., Jr. "Save Soil with Grass Waterways." Circular 810, University of Illinois, College of Agriculture. October 1959. 16 p. (popular)
- Jones, Benjamin A., Jr. "Effect of Crack Width at Tile Joints on Soil Movement Into Drain Tile Lines." *Transactions ASAE*, 3-1; 33-35, 41, 54. (1960). (technical)
- Jones, Ben A., Jr. and McFall, Robert L. "Water Losses Through Surface Runoff in Central Illinois." *Illinois Research*, 3-1; 8-9. (1961). (popular)
- Gard, L. E. McKibben, G.E., and Jones, B.A., Jr. "Moisture Loss and Corn Yields on Silt-Pan Soil as Affected by Three Levels of Water Supply." *Soil Science Society of America Proceedings* 25-2; 154-157. (1961). (technical)
- Discussion—"Soil Drainability Factor in Land Classification." McFall, Robert L. and Jones, Ben A., Jr. *Proceedings of ASCE* 88, IR-1; 41-42. (1962)
- Sisson, D.R. and Jones, B.A., Jr. "Filter Materials for Tile Drains in a Medium Sand—A Laboratory Comparison." *Transactions ASAE* 5-1; 54-58. (1962). (technical)
- Drablos, Carroll J.W. and Jones, Benjamin A., Jr. "Illinois Highway and Agricultural Drainage Laws." Circular 76, University of Illinois, Engineering Experiment Station. January 1963. 76 p. (technical)
- Jones, Benjamin A., Jr. "Gully Control without Structures—Part I." *Transactions ASAE*, 6-1; 39-40, 47. (1963) (technical)
- Mannering, J.V., Johnson, L.E. Meyer, L.D. and Jones, B.A. "The Erosion-Control Effectiveness of Rotation Meadows." *Journal of Soil and Water Conservation*, 19-3; 91-95. (1964). (technical)

Series 5: Publications, 1955-1986**Box 9:**

47. Publications, 1955-1969 (cont.)

- Drablos, Carroll J.W. and Jones, Benjamin A., Jr. "Illinois Study of Highway and Agricultural Drainage Laws." Highway Research Record No. 58, Highway Research Board, NAS-NRC, Pub. 1212, 21-32. (1964). (technical)
- Drablos, Carroll, J.W. and Jones, Benjamin A., Jr., "Highway and Agricultural Drainage Practices." Bulletin 480, University of Illinois, Engineering Experiment Station. July 1965. 160 pp. (technical)
- Fehrenbacher, J. B., Odell, R.T., Johnson, P.E. and Jones, B.A., Jr. "Natric Soils in Illinois. Illinois Research, 8-1; 5-7. (1966). (popular)
- Bubenzer, G. D. and Jones, B.A., Jr. "Artificial Rainfall is Used to Measure Infiltration Rates." Illinois Research, 8-1; 14. (1966). (popular)
- Swanson, E.R. and Jones, B.A., Jr. Estimating Annual Investment Returns from Irrigation of Corn. Journal of Soil and Water Conservation, 21-2; 64-66.(1966). (technical)
- Drablos, Carrol J.W. and Jones, Benjamin A. "Laws, Practices and Problems Related to Highway and Agricultural Drainage." Illinois Research, 9-1; 8-9. (1967). (popular)
- Fehrenbacher, Jo Bo, Hinesly, T.D., Johnson P.E. and Jones, B.A. "Corn Yields on Natric Soils." Illinois Research, 9-3; 14-15 (1967). (popular)
- Rogers, J.S. Johnson, L.C., Jones, D.M.A. and Jones, B.A., Jr. "Sources of Error Calculating the Kinetic Energy of Rainfall." Journal of Soil and Water Conservation, 22-4; 140-142. (1967) (technical)
- Woerner, Jack L., Jones, Benjamin A. Jr., and Fenzl, Richard N. "Laminar Flow in Finitely Wide Rectangular Channels." Proceedings ASCE 94, HY-3; 691-704. (1968) (technical)
- Jones, D. Do, Jones, B.A. Jr. And Day D.L. "Aerobic Digestion of Cattle Waste." Illinois Research, 10-3; 8 (1968). (popular)
- Weiss, A. O., Jones B.A. Jr. and Fenzl, R.N. "Factors Affecting Scour-Hole Development Upstream of Rectangular Weir." Transaction ASAE 11-4; 572-5750 (1968). (technical)
- Bengston, R.L., Drablos, C.J.W., and Jones, B.A. Jr. "A Method for Distributing Drainage Assessments." Transactions ASAE 12-2; 114-117. (1969). (technical)
- Drablos, Carroll J.W. and Jones, Benjamin A. Jr. "Liaison—Key to Highway and Agricultural Drainage Programs." Proceedings ASCE 95, IR-1; 1985-197. (1969). (technical)

Series 5: Publications, 1955-1986**Box 10:**

1. Publications, 1969-1978

- Jones, Benjamin A. Jr. and Drablos, Carroll J.W. "Development of Drainage Assessment Procedures Based on Physical Features in Illinois." Water Resources Center Research Report No. 19. University of Illinois, May 1969. 27 p. (technical)
- Drablos, Carroll J.W. and Jones, Benjamin A. Jr. "Illinois Highway Drainage Policy and Practice Manual." Dept. of Public Works and Buildings, Division of Highways. May 1969. 118 p. (technical)

Series 5: Publications, 1955-1986

Box 10:

1. Publications, 1969-1978 (cont.)
 - Curtis, J. O. and Jones, B.A. "Present Employment of Agricultural Engineering Graduates of the University of Illinois." Proceedings of 7th International Congress of Agricultural Engineering, Baden-Baden, Germany. 7:53-55. July 1969 (popular)
 - Rastogi, R.A. and Jones, B.A. Jr. "Simulation and Hydrologic Response of a Drainage Net of Small Agricultural Drainage Basin." Transactions ASAE 12-6; 899-908. (1969). (technical)
 - Jones, Benjamin A. Jr. "ASAE Headquarters." Agricultural Engineer, 51-4; 239. (1970). (popular)
 - Hammond, Walter C., Curtis, James O. Sidebottom O.M. and Jones, B.A. Jr. "Collapse Loads of Wooden Columns with Various Eccentricities and End Restraints." Transactions ASAE 13-6; 737-742. (1970). (technical)
 - Mitchell, J. Kent and Jones, Benjamin A. Jr. "'Clodhopper' Helps with Soil Studies." Illinois Research, 13-4; 10-11. (1971) (popular)
 - Rastogi, Ram A. and Jones, Benjamin A. Jr. "Nonlinear Responses of a Small Drainage Basin Model." Journal of Hydrology, 14; 29-42. (1971) (technical)
 - Bubenzer, G.D. and Jones, B.A. Jr. "Drop Size and Impact Velocity Effects on the Detachment of Soils under Simulated Rainfall." Transactions ASAE, 14-4; 625-628. (1971) (technical)
 - Godwin, R.J., Lembke, W.D. and Jones B.A., Jr. "Design Irrigation Pumping Rates in a Humid Region." Transactions ASAE 14-5; 875-878, 882. (1971) (technical)
 - Bubenzer, G.D. and Jones, B.A. Jr. "Susceptibility of Soils to Splash Erosion Varies with the Percentage of Clay." Illinois Research 14-2; 15.
 - Lembke, Walter D. and Jones, Benjamin A. Jr. "Selecting a Method for Scheduling Irrigation Using a Simulation Model." Transactions ASAE 15-2; 284-286. (1972). (technical)
 - Davenport, Lynn A., Lembke, Walter D. and Jones, Benjamin A. Jr. "Nitrate Reduction in the Vicinity of Tile Drains." Water Resource Center, Research Report No. 64. University of Illinois at Urbana-Champaign. March (1973) (technical)
 - Mitchell, J. Kent and Jones, Benjamin A. Jr. "Profile Measuring Device." Transactions ASAE 16-3; 546-547. (1973) (technical)
 - Roll, J. L., Day, D.L. and Jones, B.A. Jr. "Municipal Sludge in Swine Manure Helps Control Odor." Illinois Research 16-2; 14. (1974). (popular)
 - Jones, Benjamin A. "Irrigation and Drainage." Encyclopedia Britannica. 15th Edition, Volume 9. Encyclopedia Britannica, Inc. Chicago, Ill. 1974. 899-904.
 - Sharmia, A.K. Fehrenbacher, J.B. and Jones, B.A. Jr. "Effect of Gypsum, Soil Disturbance and Tile Spacing on the Amelioration of Huey Silt Loam, a Natric Soil in Illinois." Soil Science Society of America Proceedings 38-4; 628-632. (1974) (technical)
 - Davenport, Lynn A. Jr., Lembke, Walter D. and Jones, Benjamin A. Jr., "Denitrification in Laboratory San Columns." Transactions ASAE 18-1; 95-99, 105. (1975) (technical)

Series 5: Publications, 1955-1986**Box 10:**

1. Publications, 1969-1978 (cont.)
 - Mitchell, J. Kent and Jones, Benjamin A. Jr. "Micro-Relief Surface Depression Storage: Analysis of Models to Describe the Depth-Storage Function." Water Resources Bulletin 12-6; 1205-1222. (1978). (technical)
2. Publications, "Engineering Applications in Agriculture," 1959-1986
 - Bowers, Wendell and Jones, Ben A. "Engineering Applications in Agriculture," class textbook, first edition, Stipes Publishing Company, 1959
 - Bowers, Wendell, Jones, Benjamin A. Jr., and Olver, Eldwood F. "Engineering Applications in Agriculture, problem solutions, for" class textbook, fourth edition, Stipes Publishing Company, undated
 - Bowers, Wendell, Jones, Benjamin A. Jr., and Olver, Eldwood F. "Engineering Applications in Agriculture," class textbook, sixth edition, Stipes Publishing Company, 1986

Processing Notes for Second Accession:

Original order was maintained for Series 3 and 4. Remaining materials were organized into series 1, 2, and 5. Secondary literature and duplicates were weeded. Added folder titles are indicated by []. Processed by Carolina Ortega, under the supervision of Susanne Belovari, February 2019.