

## CURRICULUM VITAE

Carl F. Jordan

### **Academic history**

#### Professional Positions

(since 1980) Graduate faculty, University of Georgia

(since 1979): Senior Ecologist, Institute of Ecology,  
University of Georgia, Athens, Georgia.

(1991 - 2004) Adjunct Professor of Botany, Dept. of Botany,  
University of Georgia, Athens, GA 30602

(1974-1979): Visiting Scientist, Dept. de Ecologia,  
Instituto Venezolano de Investigaciones Cientificas, Caracas  
Venezuela, and Research Assoc., Univ. of Georgia.

(1969-1974): Associate Ecologist, Radiation and  
Environmental Research Division, Argonne National  
Laboratory, Argonne, Illinois.

(1966-1969): Assistant Ecologist, Puerto Rico Nuclear  
Center, Rio Piedras, Puerto Rico.

### **Degrees**

(1966) Ph.D. in Botany, (specializing in Plant Ecology)  
Rutgers University

(1964) M.S. in Botany, (specializing in Plant Ecology)  
Rutgers University

(1958) B.S. in Conservation of Natural Resources, University  
of Michigan

### **Resident Instruction**

Tropical Ecological and Cultural System (ECOL 8110)

Agroforestry/Agroecology (ECOL 8440)

Organic Agriculture (ECOL 3700)

Conservation Biology (ECOL 6140)

Senior Seminar (ECOL 4950)

Conservation Seminar (ECOL 8400)

### **Scholarly Activities**

#### **Books**

Jordan, C.F. (Editor) 1981. Benchmark Papers in Tropical Ecology. Hutchinson and Ross, Inc. Stroudsburg, Pa.

Jordan, C.F. 1985. Nutrient Cycling in Tropical Forest Ecosystems. Wiley, Chichester.

Jordan, C.F. (Editor and author) 1987. Amazon Rain Forests: Ecosystem Disturbance and Recovery. Springer Verlag. N.Y.

Jordan, C.F. 1989. An Amazonian Rain Forest. The Structure and Function of a Stressed Ecosystem and the Impact of Slash and Burn Agriculture. Man and the Biosphere Series, Volume 2. UNESCO, Paris and Parthenon, Carnforth, England.

Jordan, C.F., J. Gajasen, and H. Watanabe (eds) 1992. Taungya: Forest Plantations with Agriculture in S.E. Asia. C.A.B. International, U.K.

Jordan, C.F. 1995 Conservation: Replacing Quantity with Quality as a Goal for Global Management. (Textbook). Wiley, N.Y.

Jordan, C.F. 1998. Working with Nature: Resource Management for Sustainability. Harwood Academic Publishers. Overseas Publishers Association. Amsterdam.

Castellonet, C. and C.F. Jordan. 2002. Participatory Action Research in Natural Resource Management. Taylor and Francis. UK.

Montagnini F. and C.F. Jordan. Tropical Forest Ecology: The Basis for Management and Conservation. Springer Verlag, Berlin. (In Press, publication date, spring 2004).

## Book Chapters

- Jordan, C.F. 1970. Vegetative sprouting following irradiation of a tropical rain forest. Pages D305-D308 in H.T. Odum and R.F. Pigeon eds. A Tropical Rain Forest. Div. of Technical Information, U.S. Atomic Energy Commission. Wash. D.C.
- Jordan, C.F. 1970. Flow of soil water in the lower montane tropical rain forest. Pages H199-H200 in H.T. Odum and R. F. Pigeon eds. A Tropical Rain Forest. Div. of Technical Information, U.S. Atomic Energy Commission, Wash. D.C.
- Jordan, C. F. 1970. Movement of  $^{85}\text{Sr}$  and  $^{134}\text{Cs}$  by the soil water of a tropical rain forest. Pages H201-H204 in H.T. Odum and R.F. Pigeon eds. A Tropical Rain Forest. Div. of Technical Information, U.S. Atomic Energy Commission, Wash. D.C.
- Odum, H.T. and C.F. Jordan. 1970. Metabolism and evapotranspiration of the lower forest in a giant plastic cylinder. Pages I165-I190 in H.T. Odum and R.F. Pigeon eds. A Tropical Rain Forest. Div. of Technical Information, U.S. Atomic Energy Commission, Wash. D.C.
- Odum, H.T., A. Lugo, G. Cintron, and C.F. Jordan. 1970. Metabolism and evapotranspiration of some rain forest plants and soil. Pages I103-I164 in H.T. Odum and R.F. Pigeon eds. A Tropical Rain Forest. Div. of Technical Information. U.S. Atomic Energy Commission, Wash. D.C.
- Lugo, A., C.F. Jordan, et al. 1973. Structure and function of tropical ecosystems. Pages 67-111 in E. Farnworth and F. Golley, eds. Fragile Ecosystems. Evaluation of Research and Applications in the Neotropics. Springer-Verlag, New York.
- Uhl, C., C.F. Jordan, and R. Herrera. 1982. Amazon forest management for wood production: an assessment of limitations and potentials based of field studies at San Carlos de Rio Negro, Venezuela. Pages 143-157 in G. Hallsworth, ed. Socio-economic Effects and Constraints of Tropical Forest Management. Wiley, Chichester.
- Jordan, C.F. 1983. Productivity of tropical rain forest

ecosystems and the implications for their use as future wood and energy sources. Pages 117-136 in F.B. Golley, ed. Ecosystems of the World, vol 14A. Tropical Rain Forest Ecosystems, Structure and Function. Elsevier, Amsterdam.

Herrera, R., E. Medina, H. Klinge, C.F. Jordan, and C. Uhl. 1984. Nutrient retention mechanisms in tropical forests: The Amazon caatinga, San Carlos pilot project, Venezuela. Pages 85-97 in F. DeCatri, F.W.G. Baker, and M. Hadley, eds. Ecology in Practice, Part I. Ecosystem management, Tycooly International Publishing, Dublin.

Jordan, C.F. 1984. Nutrient regime in the wet tropics: physical factors. Pages 3-12 in E. Medina, H. Mooney, and C. Vazquez-Yanes eds. Physiological Ecology of Plants of the Wet Tropics. Junk. The Hague.

Jordan, C.F. 1985 Soils of the Amazon rainforest. Pages 83-94 in G.T. Prance and T.E. Lovejoy eds. Amazonia. Key Environments Series. Pergamon Press. Oxford.

Jordan, C.F. 1986 Ecological effects of forest clearcutting. pp 345-357 in Committee on application of Ecological Theory to Environmental Problems, eds. Ecological knowledge and environmental problem solving. National Academy Press, Washington, D.C.

Jordan, C.F. 1986 Ecological effects of nuclear radiation. pp. 331-344 in Committee on application of Ecological Theory to Environmental Problems, eds. Ecological knowledge and environmental problem solving. National Academy Press, Washington, D.C.

Jordan, C.F. 1988. The Tropical Rain forest Landscape. pp. 45-165 in H. Viles ed. Biogeomorphology. Blackwell. Oxford.

Jordan, C.F. 1991. Nutrient cycling processes and tropical forest management. pp 159-180 in Rain Forest Regeneration and Management. eds A. Gomez-Pompa, T.C. Whitmore, and M. Hadley. UNESCO (Paris). Parthenon Publishing Group. Carnforth, England.

Potter, R.L., C.F. Jordan, R.M. Guedes, G.J. Batmanian, and X. Han. 1991. Assessment of a phosphorus fractionation method for soils: problems for further investigation. pp 453-464 in

D.A. Crossley ed. Modern Techniques in Soil Ecology.  
Elsevier, Amsterdam.

Jordan, C.F. 1993. Leak-Proof Nutrient-cycling Systems. pg.  
78-79 in Encyclopedia of the Earth: Jungles and Rainforests.  
Weldon Owen Publishing. Australia.

Jordan, C.F. 1993. Ecology of Tropical Forests. pp 165-197 in  
Tropical Forestry Handbook. L. Pancel ed. Springer Verlag.  
Berlin.

Jordan, C.F. 1994. pp 735-739 in The Tropical Rain Forest. In R.Eblen  
and W. Eblen eds. The Marshall Cavendish Encyclopedia of the  
Environment. . Houghton Mifflin Co. Boston.

Jordan, C.F. 1995 Nutrient Cycling in Tropical Forests. pp  
641-654 in Encyclopedia of Environmental Biology.  
Academic Press.

Jordan, C.F. and C. Miller. 1995 Scientific Uncertainty as a  
Constraint to Environmental Problem-Solving: Large Scale  
Ecosystems. pp 91-117 in J. Lemons ed. Scientific  
Uncertainty and Environmental Problem Solving. Blackwell  
Scientific Publishers. Cambridge, Mass.

Montagnini, F., R. Matta-Machado, and C.F. Jordan. Nutrient  
cycling in agroforestry systems. in M. Ashton and F.  
Montagnini eds. The Silvicultural Basis for Agroforestry  
Systems. In Press.

Jordan, C.F. 1998. Is God a Free-market Capitalist? Freedom,  
Economics and Religion in the Development of the American  
Frontier. Pp. 177-197 in J.E. Carroll and K. Warner eds.  
Ecology and Religion: Scientists Speak. Franciscan Press:  
Quincy Ill.

Jordan, C.F. 1998. The Ratchet Effect: The market economy  
forces  
agriculture to depend on high technology, to the detriment of  
sustainability. Pp. 153-167 *in*, J. Lemons, L Westra, and R.  
Goodland eds. Ecological Integrity and Sustainability: Case  
Studies. Kluwer Academic Press, Dordrecht.

Montagnini, F., C.F. Jordan, and R.M. Machado. 2000. Nutrient Cycling  
and

Nutrient Use Efficiency in Agroforestry Systems. Pp 131-160 *in* M.S. Ashton and F. Montagnini eds. The Silvicultural Basis for Agroforestry Systems. CRC Press, Boca Raton. (refereed).

Jordan, C.F. 2001. The interface between economics and nutrient cycling in Amazon Land development. Pp 156-164 in M.E. McClain, R.L. Victoria and J.E. Richey eds. The Biogeochemistry of the Amazon Basin. Oxford Univ. Press, N.Y. (refereed).

Jordan, C.F. 2001. Tropical Ecology with the Institute of Ecology. Pp 259-276 In G. Barrett and T. Barrett eds. The Institute of Ecology: Past, Present, Future. Taylor and Francis.

Montagnini, F. and C.F. Jordan. 2002. Reciclaje de nutrientes. Pp. 167-191 in M.R. Guariguata, G. Kattan eds. Ecología y Conservación de Bosques Lluviosos Neotropicales. Ediciones LUR, Cartago, Costa Rica.

Jordan, C.F. 2004. Organic farming and agroforestry: Alleycropping for mulch production for organic farms of southeastern United States. Pp 79-90 In Nair, PKR, Rao MR, Buck LE eds. A Compendium for the 1<sup>st</sup> World Congress of Agroecology, Kluwer, Dordrecht, The Netherlands.

Carrillo Y. and C.F. Jordan. Linking soil community dynamics and nitrogen mineralization in an alley cropping system in the Georgia Piedmont (USA). In A. Gordon and S. Jose eds. Biophysical Interactions in Agroforestry. Kluwer Academic Press. In Press.

### **Journal Articles (all refereed)**

Jordan, C.F. 1965. Fire influence in old fields of the New Jersey Piedmont. The Bulletin, New Jersey Academy of Science 10: 7-12.

Jordan, C.F. 1966. Fire-produced discontinuous rings in oak. Bulletin of the Torrey Botanical Club 93: 114-117.

Jordan, C.F. 1968. A simple, tension-free lysimeter. Soil Science 105: 81-87.

- Kline, J.R. and C.F. Jordan. 1968. Tritium movement in soil of a tropical rain forest. *Science* 160: 550-551.
- Jordan, C.F. 1969. Derivation of leaf area index from quality of light on the forest floor. *Ecology* 50: 663-666.
- Jordan, C.F., J.J. Koranda, J.R. Kline, and J.R. Martin. 1970. Tritium movement in a tropical ecosystem. *BioScience* 20: 807-812.
- Kline, J.R., J.R. Martin, C.F. Jordan, and J.J. Koranda. 1970. Measurement of transpiration in tropical trees with tritiated water. *Ecology* 51: 1068-1073.
- Jordan, C.F. 1971. Productivity of a tropical forest and its relation to a world pattern of energy storage. *Journal of Ecology* 59: 127-142.
- Jordan, C.F. 1971. A world pattern in plant energetics. *American Scientist* 59: 425-433.
- Jordan, C.F. and J.R. Kline. 1972. Mineral cycling: some basic concepts and their application in a tropical rain forest. *Annual Review of Ecology and Systematics* 3: 33-50.
- Jordan, C.F., J.R. Kline, and D.S. Sasser. 1972. Relative stability of mineral cycles in forest ecosystems. *The American Naturalist* 106: 237-253.
- Stewart, M.L., J.R. Kline, and C.F. Jordan. 1972. A tritiated water recovery system. *International Journal of Applied Radiation and Isotopes* 23: 387-388.
- Jordan, C.F., J.R. Kline, and D.S. Sasser. 1973. A simple model of strontium and manganese dynamics in a tropical rain forest. *Health Physics* 24: 477-489.
- Jordan, C.F. 1974. Respiration of red pine along a gradient of gamma radiation. *Radiation Botany* 14: 337-341.
- Jordan, C.F., M.L. Stewart, and J.R. Kline. 1974. Tritium movement in soils: the importance of exchange and high initial dispersion. *Health Physics* 27: 37-43.
- Jordan, C.F. 1975. What is ecology? *Bulletin Ecological Society of America* 56(2): 2-3.

- Jordan, C.F. and J.R. Kline. 1976. Strontium-90 in a tropical rain forest: 12th year validation of a 32-year prediction. *Health Physics* 30: 199-201.
- Jordan, C.F. 1977. Distribution of elements in a tropical montane rain forest. *Tropical Ecology* 18: 124-130.
- Jordan, C.F. and J.R. Kline. 1977. Transpiration of trees in a tropical rain forest. *Journal of Applied Ecology* 14: 853-860.
- Jordan, C.F. and E. Medina. 1977. Ecosystem research in the tropics. *Annals Missouri Botanical Garden* 64(4) 737-745.
- Medina, E. R. Herrera, C.F. Jordan, and H. Klinge. 1977. El Proyecto Amazonas del Instituto Venezolano de Investigaciones Cientificas. *Nature and Resources (UNESCO)* 13(3) 4-7.
- Jordan, C.F. 1978. Stem flow and nutrient transfer in a tropical rain forest. *Oikos* 31: 257-263.
- Jordan, C.F. 1978. Documentation of identifications in ecological work: a reply. *Tropical Ecology* 19(2):245-247.
- Jordan, C.F. and P.G. Murphy. 1978. A latitudinal gradient of wood and litter production and its implications regarding competition and species diversity in trees. *American Midland Naturalist* 99:415-434.
- Jordan, C.F. and N.Stark. 1978. Retencion de nutrientes en la estera de raices de un bosque pluvial Amazonica. *Acta Cientifica Venezolano* 29:263-267.
- Jordan, C.F. and C. Uhl. 1978. Biomass of a "tierra firme" forest of the Amazon Basin calculated by a refined allometric relationship. *Oecologia Plantarum* 13: 387-400.
- Herrera, R., C. Jordan, H. Klinge, and E. Medina. 1978. Amazon ecosystems: their structure and functioning with particular emphasis on nutrients. *Interciencia* 3:223-232.
- Herrera, R. T. Merida, N. Stark, and C.F. Jordan. 1978. Direct

phosphorus transfer from leaf litter to roots through mycorrhizal connections in an Amazonian rain forest. *Naturwissenschaften* 65:208-209.

Koziol, K.M. and C.F. Jordan. 1978. Changes in carbohydrate levels in red kidney bean (*Phaseolus vulgaris* L.) exposed to sulphur dioxide. *Journal of Experimental Botany* 29: 1037-1043.

Stark, N. and C.F. Jordan. 1978. Nutrient retention by the root mat of an Amazonian rain forest. *Ecology* 59: 434-437.

Jordan, C.F., R.L. Todd, and G. Escalante. 1979. Nitrogen conservation in a tropical rain forest. *Oecologia* 39: 123-128.

Golley, F.B., J. Yantko, and C. Jordan. 1980. Biogeochemistry of tropical forests: 2. The frequency distribution and mean concentration of selected elements near San Carlos de Rio Negro, Venezuela. *Tropical Ecology* 21: 71-80.

Jordan, C.F. 1980. Los flujos y ciclos de nutrientes, agua, y energia en ecosistemas. *Boletin de la Sociedad Venezolana de Ciencias Naturales* 34: 80-102.

Jordan, C.F., and G. Escalante. 1980. Root productivity in an Amazonian rain forest. *Ecology* 61: 14-18.

Jordan, C.F. and E.G. Farnworth. 1980. A rain forest chronicle: perpetuation of a myth. *Biotropica* 12: 233-234.

Jordan, C.F., F. Golley, Jerry Hall and Jan Hall. 1980. Nutrient scavenging of rainfall by the canopy of an Amazonian rain forest. *Biotropica* 12: 61-66.

Medina, E., H. Klinge, C. Jordan, R. Herrera, and P. Minchin. 1980. Soil respiration in Amazonian rain forests in the rio Negro Basin. *Flora* 170: 240-250.

Farnworth, E. G., T. Tidrick, C. Jordan, and W. Smathers. 1981. The value of natural ecosystems: an ecological and economic framework. *Environmental Conservation* 8: 275-282.

Herrera, R., C.F. Jordan, E. Medina, and H. Klinge. 1981. How human activities disturb the nutrient cycles of a tropical rainforest in Amazonia. *Ambio* 10: 109-114.

- Jordan, C.F. 1981. Do ecosystems exist? *The American Naturalist* 118: 284-287.
- Jordan, C.F. and R. Herrera. 1981. Tropical rain forests: are nutrients really critical? *The American Naturalist* 117: 167-180.
- Jordan, C.F. and J. Heuvelop. 1981. The water budget of an Amazonian rain forest. *Acta Amazonica* 11: 87-92.
- Jordan, C.F. 1982. Rich forest, poor soil. *Garden* 6: 11-16.
- Jordan, C.F. 1982. Amazon rain forests. *American Scientist* 70: 394-401.
- Jordan, C.F. 1982. Nutrient cycling index of an Amazonian rain forest. *Acta Oecologia* 3: 393-400.
- Jordan, C.F. 1982. The nutrient balance of an Amazonian rain forest. *Ecology* 63: 647-654.
- Jordan, C.F., W. Caskey, G. Escalante, R. Herrera, F. Montagnini, R. Todd, and C. Uhl. 1982. The nitrogen cycle in a "tierra firme" rain forest on oxisol in the Amazon Territory of Venezuela. *Plant and Soil* 67: 325-332.
- Uhl, C., C. Jordan, R. Herrera, K Clark, and H. Clark. 1982. Impact of forest removal by cutting, burning, and bulldozing on nutrient loss and biomass accumulation in an amazon Caatinga forest. *Oikos* 38: 313-320.
- Farnworth, E.G, T. Tidrick, W. Smathers, and C.F. Jordan. 1983. The need for synthesis of ecological and economic theory for more complete valuation of tropical moist forests. *International Journal of Environmental Studies* 21: 11-28.
- Farnworth, E.G, T. Tidrick, W. Smathers, and C.F. Jordan. 1983. The need for synthesis of ecological and economic theory for more complete valuation of tropical moist forests. *International Journal of Environmental Studies* 21: 11-28.
- Haines, B. C. Jordan, J. Clark, and K. Clark. 1983. Acid rain in an Amazon rain forest. *Tellus* 35B: 77-80.
- Jordan, C.F. 1983. Review of Smith, N.J.H., *Rainforest*

corridors: the TransAmazon colonization scheme, Univj. of California Press. The Environmental Professional 5: 385-386.

Jordan, C. W. Caskey, G. Escalante, R. Herrera, F. Montagnini, R. Todd, and C. Uhl. 1983. Nitrogen dynamics during conversion of primary rain forest to slash and burn agriculture. Oikos 40: 131-139.

Jordan, C.F. and E.G. Farnworth. 1983. Natural regeneration vs. plantation forests as land reclamation strategies for the humid tropics: a case study. Environmental Management 6: 485-492.

Jordan, C.F. and C.E. Russell. 1983. Jari: Productividad de las plantaciones y perdida de nutrientes debido al corte y la quema. Interciencia 8: 294-297.

Montagnini, F., and C.F. Jordan. 1983. The role of insects in productivity decline of cassava (Manihot esculenta Crantz) in Amazonian slash and burn agriculture. Agricultural Ecosystems and environment 9: 293-301.

Salick, J. R. Herrera, and C.F. Jordan. 1983. Termitaria: nutrient patchiness in nutrient-deficient rain forests. Biotropica 15: 1-7.

Smathers, W, M., C.F. Jordan, E.G. Farnworth, and T.H. Tidrick. 1983. An economic production-function approach to ecosystem management. BioScience 33: 642-646.

Uhl, C. and C.F. Jordan. 1984. Vegetation and nutrient dynamics during the first five years of succession following forest cutting and burning in the Rio Negro region of Amazonia. Ecology 65: 1476-1490.

Jordan, C.F. 1985. Jari: a development project for pulp in the Brazilian Amazon. The Environmental Professional 7: 135-142.

Jordan, C.F. 1987. Rainforest regeneration and management: Report on an International Conference. Restoration and Management Notes 5: 30.

Maass, M.M., C.F. Jordan, and J.K. Sarukhan. 1988. Soil

erosion and nutrient losses in seasonal tropical agroecosystems under various management techniques. *Journal of Applied Ecology* 25: 595-607.

Jordan, C.F. and C.E. Russell. 1989. Jari: A Pulp Plantation in the Brazilian Amazon. *GeoJournal* 19.4: 429-435.

Gajasen, J. and C.F. Jordan. 1990. Decline of Teak Yield in Northern Thailand: Effects of Selective Logging on Forest Structure. *Biotropica* 22: 114-118.

Lee, D., X.G. Han, and C.F. Jordan. 1990. Soil phosphorus fractions, aluminum, and water retention as affected by microbial activity in an Ultisol. *Plant and Soil* 121: 125-136.

Jordan, C.F. and G. Batmanian. 1990. Ecology and economics of development in the Brazilian Amazon: The case of BR364, Acre, Brazil. *Intecol Newsletter* 20 (3): 1-3.

Potter, R.L., C.F. Jordan, R.M. Guedes, G.J. Batmanian, and X.G. Han. 1991. Assessment of a phosphorus fractionation method for soils: problems for further investigation. *Agriculture, Ecosystems, and Environment* 34: 453-463.

Wojtkowski, P.A., C.F. Jordan, and F.W. Cabbage. 1991. Bioeconomic modeling in agroforestry: a rubber-cacao example. *Agroforestry Systems* 14: 163-177.

Matta-Machado, R.P. and C.F. Jordan 1995. Biomass and nutrient dynamics during the first three years of an alley-cropping agroecosystem in southeast U.S.A. *Agroforestry Systems* 30 (3) 351-362.

Montagnini, F., C.F. Jordan, and R. Matta Machado. 1999. Reciclaje y eficiencia en el uso de nutrientes en sistemas agroforestales. *Revista YVYRARETA* 9: 21-40. (Argentina)

Moseley, W.G. and C.F. Jordan. 2001. Measuring agricultural sustainability: energy analysis of conventional till and no-till maize in the Georgia Piedmont. *The Southeastern Geographer* 41: 105-116

Jordan, C.F. 2002. Genetic Engineering, The Farm Crisis, and World Hunger. *BioScience* 52: 523-529.

Jordan, C.F. 2004. Organic farming and agroforestry: Alleycropping for mulch

production for organic farms of southeastern United States.

Agroforestry

Systems 61: 79-90.

Carrillo Y. and C.F. Jordan. Linking soil community dynamics and nitrogen mineralization in an alley cropping system in the Georgia Piedmont (USA). Agroforestry Systems, In Press.

Kaewkrom P, J Gajasen, CF Jordan, N Gajasen. 2005. Floristic regeneration in five types of teak plantations in Thailand. Forest Ecology and Management 210: 351-361.

Faucette, L.B., C.F. Jordan, L. M. Risse, M. Cabrera, D.C. Coleman, L.T. West. 2005. Evaluation of storm water from compost and conventional erosion control practices in construction activities. Journal of Soil and Water Conservation, 60:6, 288-297.

Faucette L.B., J. Governo, C.F. Jordan, B. G Lockaby, and H. F. Carino In Press..Storm Water Quality, C Factors and Particle Size Specifications for Compost and Mulch Blankets Relative to Straw Blankets with PAM used for Erosion Control. Journal of Soil and Water Conservation, In press.

Faucette, LB, CF Jordan, LM Risse. Hydroseed and compost blankets used for erosion control in construction activities. Journal of Soil and Water Conservation. In Press

### **Symposium Proceedings**

Jordan, C.F. 1969. Recovery of a tropical rain forest after gamma irradiation. Pages 88-98 in D.J. Nelson and F.C.Evans, eds. Proceedings of the Second National Symposium on Radioecology. U.S. Dept. of Commerce, Springfield, Va.

Martin, J., C.F. Jordan, J.J. Koranda, and J.R. Kline. 1970. Radioecological studies of tritium movement in a tropical rain forest. Pages 422-438 in Proceedings of the Symposium on Engineering with Nuclear Explosives. Proceedings of the Symposium on Engineering with Nuclear Explosives, Jan. 14-16, 1970, Las Vegas, Nev. Conf. 700101 (TID 450).

- Jordan, C.F., J.R. Kline and D.S. Sasscer. 1971. Tritium movement in an old-field ecosystem determined experimentally. Pages 199-203 in D.J. Nelson ed. Proceedings of the Third National Symposium on Radioecology. U.S. Atomic Energy Commission Conference 710501-P1. Washington, D.C.
- Kline, J.R., C.F. Jordan, and R.C. Rose. 1971. Transpiration measurement in pines using tritiated water as a tracer. Pages 190-198 in D.J. Nelson ed. Proceedings of the Third National Symposium on Radioecology. U.S. Atomic Energy Commission Conference 710501-P1. Washington, D.C.
- Sasscer, D.S., C.F. Jordan, and J.R. Kline. 1971. Mathematical model of tritiated and stable water movement in an old-field ecosystem. Pages 915-923 in D.J. Nelson, ed. Proceedings of the Third National Symposium on Radioecology. U.S. Atomic Energy Conference 710501-P1. Washington, D.C.
- Kline, J.R., M.L. Stewart, and C.F. Jordan. 1972. Estimation of biomass and transpiration in coniferous forests using tritiated water. Pages 159-166 in J.F. Franklin, ed. Proceedings of a Symposium on Research on Coniferous Forest Ecosystems. U.S.D.A. Pacific Northwest Forest and Range Experiment Station, Portland, Oregon.
- Kline, J.R., M.L. Stewart, C.F. Jordan, and P. Kovac. 1972. Use of tritiated water for determination of plant transpiration and biomass under field conditions. Pages 419-437 in Isotopes and Radiation in Soil-Plant Relationships Including forestry. Proceedings of the Symposium, International Atomic Energy Agency, Vienna.
- Sasscer, D.S., C.F. Jordan, and J.R. Kline. 1973. Dynamic model of water movement in soil under various climatological conditions. Pages 485-495 in Tritium, Proceedings of the Symposium sponsored by the Environmental Protection Agency. Messenger Graphics, Phoenix, Arizona.
- Brunig, E.F., R. Herrera, J. Heuvelop, C. Jordan, HJ.Klinge, and E. Medina. 1977. The international Amazon project coordinated by Centro de Ecologia, Instituto Venezolano de Investigaciones Cientificas: Organization and recent advances. Pages 104-126 in E.F. Brunig, ed. Transactions of the International MAB-IUFRO Workshop of Tropical Rain Forest

Ecosystems Research. Special Report No. 1. Hamburg-Reinbeck, Germany.

Brunig, E.F., R. Herrera, J. Heuvelop, C. Jordan, H. Klinge, and E. Medina. 1978. The international Amazon MAB rain forest ecosystem pilot project at San Carlos de rio jNegro: review of developments since the 1st international workshop. Pages 47-66 in Proceedings Second International MAB-IUFRO Workshop on Tropical Rain Forest Ecosystems Research (Jakarta). Special Report No. 2. Chair of World Forestry, Hamburg-Reinbek, Germany.

Jordan, C.F. 1979. The environmental consequences of intensive forestry and the removal of whole trees from forests: the situation in Latin America. Pages 141-148 in S.G. Boyce ed. Biological and Sociological Basis for a Rational Use of Forest resources for Energy and Organics. U.S.D.A., S.E. Forest Experiment Station, Ashville, N.C.

Jordan, C.F. 1980. Nutrient leaching from agro-ecosystems in the amazon Basin and implications for recovery of the forest. Pages 553-559 in J.I. Furtado, ed. Tropical Ecology and Development, Proceedings of the Fifth International Symposium of Tropical Ecology, Kuala, Lumpur.

Herrera, R. and C.F. Jordan. 1981. Nitrogen cycle in a tropical Amazonian rain forest: the caatinga of low mineral nutrient status. Pages 493-505 in F.E.Clark and T. Rosswall, eds. Terrestrial Nitrogen Cycles. Processes, Ecosystem Strategies, and Management Impacts. Ecological Bulletins (Stockholm).

Tidrick, T.H., E.G. Farnworth, C.F. Jordan, and W.M. Smathers. 1981. An approach to holistic modeling for moist forest valuation. Pages 81-89 in Vol. 1, Society for General Systems Reserach, Proceedings of the Tenth Annual Conference of the Southeastern Region. Systems Science Institute, Lousiville, Ky.

Uhl, C., C.F. Jordan, and F. Montagnini. 1983. Traditional and innovative approaches to agriculture on Amazon Basin tierra firme sites. Pages 73-95 in R.R. Lowrance, R.L. Todd, L.E. Asmussen, and R.A. Leonard, eds. Nutrient Cycling in Agricultural Ecosystems. Proceedings of a Symposium. Univ. of Georgia, College of Agriculture Special Publication No. 23.

Luvall, J.C., G. Parker, and C. Jordan. 1985. Tropical

deforestation and evapotranspiration. pp 7-10 in F. Quinones and A.V. Sanchez (eds). Proceedings of the International Symposium on Tropical Hydrology and 2nd Caribbean Islands Water Resources Congress. American Water Resources Association, Bethesda, Maryland.

Parker, G.G., J.C. Luvall, and C.F. Jordan. 1985. Hydrologic budgets for undisturbed and regenerating tropical rainforests on hillslopes in northeastern Costa Rica. pp 11-15 in F. Quinones and A.V. Sanchez, (eds). Proceedings of the International Symposium on Tropical Hydrology and 2nd Caribbean Islands Water Resources Congress. American Water Resources Association, Bethesda, Maryland.

Jordan, C.F. 1985. Ciclagem de nutrientes e silvicultura de plantacoes na bacia Amazonica. pp 187-202 in P.C. Rosand ed. Reciclagem de nutrientes e agricultura de baixos insumos nos tropicos. XVI Reuniao Brasileira de Fertilidade do Solo. Centro de Pesquisas do Cacau, Ilheus, Brazil.

Jordan, C.F. 1986. Local effects of tropical deforestation. pp 410-426 in M.E. Soule, ed. Conservation Biology. The Science of Scarcity and Diversity. Sinauer, Sunderland, Mass.

Jordan, C.F. 1986. Stability of tropical forest ecosystems. pp 110-120 in Proceedings of the 18th IUFRO World Congress, Vol 1. IUFRO Secretariat, Schonbrunn-Tirolgarten, Vienna, Austria.

Jordan, C.F. 1987. Decomposing organic matter and nutrient availability in highly weathered tropical soils. p. 14 in M.J. Hayes and J.H. Cooley eds. Tropical soil biology: current status of concepts. Proceedings of an International Workshop sponsored by the U.S. National Science Foundation. INTECOL Bulletin, 14: 51.

Jordan, C.F. 1987. Organic matter and phosphorus availability in tropical rain forests: implications for management. Pages 11-15 in D. Athie, T.E. Lovejoy, and P. Oyens eds. Workshop on biogeochemistry of tropical rain forests: problems for research. Universidade de Sao Paulo, , Centro de Energia Nuclear na Agricultura, World Wildlife Fund-US.

Jordan, C.F. In Press. Nutrient cycling processes and tropical

forest management. in A. Gomez Pompa ed. Proceedings of an International Workshop on rainforest regeneration and management. UNESCO-MAB, IUBS-Decade of the Tropics, UNEP. Caracas, Venezuela, Nov. 1986.

Jordan, C.F. and E.G. Farnworth. 1987. Comparison of wood productivity between tropical second-growth forests and plantation forests. Pp. 50-51 in A.E. Lugo ed. People and the Tropical Forest. A Publication of the U.S. Man and the Biosphere Program. U.S. Dept. of State. Washington, D.C.

Jordan, C.F., E.G. Farnworth, T.H. Tidrick, and W.M. Smathers 1987. Development of economic theory and methodology for evaluating non-market values of tropical forests. Pp 18-20 in A.E. Lugo ed. People and the Tropical Forest. A Publication of the U.S. Man and the Biosphere Program. U.S. Dept. of State. Washington, D.C.

Jordan, C.F., G.G. Parker, and J.C. Luvall. 1987 Shelterbelt system to minimize nutrient losses in sustained-yield tropical forestry. Pp 52-53 in A.E. Lugo ed. People and the Tropical Forest. A Publication of the U.S. Man and the Biosphere Program. U.S. Dept. of State. Washington, D.C.

Jordan, C.F. 1989. Are Process Rates Higher in Tropical Forest Ecosystems? pp 205-215 in J. Proctor ed. Mineral Nutrients in Tropical Forest and Savanna Ecosystems. Special publication of the British Ecological Society, No. 9. Blackwell, Oxford.

Jordan, C.F. and J. Gajaseneni. 1990. Interplanting of Tamarindus indica L. in Teak Plantations. pp 76-82 in D. Werner and P. Muller eds. Fast Growing Trees and Nitrogen Fixing Trees: Proceedings of an International Conference, Marburg, Germany, Oct. 8-12, 1989. Gustav Fischer Verlag, Stuttgart.

Gajaseneni, J. and C.F. Jordan. 1990. Diversified Agroforestry Systems. pp 157-161 in Agroforestry Systems and Technologies. BIOTROP Spec. Publ. No. 39. South-East Asian Regional Centre for Tropical Biology. Bogor, Indonesia.

Duxbury, J.M., C. Jordan, et al. 1989. Soil organic matter as a source and a sink of plant nutrients. pp 33-67 in D.C. Coleman, J.M. Oades, and G. Uehara eds. Dynamics of Soil Organic Matter in Tropical Ecosystems. Proceedings of a

Symposium, Oct. 1988, Maui, Hawaii. Published by NIFTAL Project, Dept. of Agronomy, Univ. of Hawaii Press.

Gajaseni, J., R. Matta Machado, and C.F. Jordan. Diversified Agroforestry Systems: Reservoirs for Biodiversity and Landbridges for Habitat Fragmentation in the Tropics. in Proceedings of the International Symposium on Biodiversity in Managed Landscapes: Theory and Practice. Sacramento, Ca., 13-17 July, 1992. In Press.

Jordan, C.F. , N. Gajaseni, and J. Gajaseni. 1995. Development and Structure of Biomass and Wood Production in Plantations in Relation to Nutrient Cycling. in E.K.S. Nambiar and A. Brown eds. Management of Soil, Water and Nutrients in Tropical Forest Plantations. Proceedings of a Symposium at the International Center For Forestry (CIFOR), Bogor, Indonesia, March 20-24, 1995.

Jordan, C.F. 1999. Growth dynamics of *Paulownia fortunei* at the Georgia State Botanical Garden. Report submitted to the Botanical Garden. Internal report.

Jordan, 2001. "A no-till planter for small-scale organic farming" The Second Assembly of the Scientific Congress on Organic Agricultural Research. Nov. 4-5, 2001, Rock Hill, S.C.

Jordan 2001. "The problem of no-till planting following a winter cover crop, on small scale organic farms." Georgia Organics Conference Augusta GA, Feb. 9, 10, 2001.

Jordan, C.F. and C. Castellonet. 2002. An evaluation of participatory action research in the Transamazonica region of Brazil. Proceedings of the 17<sup>th</sup> International Farming Systems Association, held at Lake Buena Vista, Florida. Published by the Institute of Food and Agricultural Sciences, Univ. of Florida, Project # 0206 (CD)

Jordan, C.F. 2002. Organic farming with no-till cultivations and leguminous hedgerows for mulch. Poster presented at SARE conference "On the road to sustainable agriculture, October 23-26, Raleigh-Durham, NC.

Faucette, B. and C.F. Jordan, 2002. Compost use for erosion and sediment control in construction and development areas. Poster presented at SARE conference "On the road to sustainable agriculture, October 23-26, Raleigh-Durham, NC.

Jordan, C.F. 2004. Alley cropping for mulch production: potential for organic farms of Southeastern USA. Poster. First World Congress of Agroforestry, 27 June-2 July, 2004, Orlando, Florida.

Reichlen J. and C.F. Jordan 2004. The effects of root pruning in an alleycropping system in the Georgia Piedmont. Poster. First World Congress of Agroforestry, 27 June-2 July, 2004, Orlando, Florida.

Carrillo Y. and C.F. Jordan. 2004. A soil food web model of N in a Georgia Alley Cropping, System. Poster. First World Congress of Agroforestry, 27 June-2 July, 2004. Orlando, Florida.

### **Book Reviews**

Jordan, C.F. 1987. Tropical rain forests and the world atmosphere. Book Review. The Environmental Professional 9: 362.

Jordan, C.F. 1988. Emergence of a New Paradigm. Review of the Symposium "Mineral Nutrients in Tropical Forest and Savanna Ecosystems", Stirling Scotland, Sept. 9-11, 1987. Tropical Ecology 29: 146-147.

Jordan, C.F. 1989. Last Stand of the Red Spruce. Book Review. The Environmental Professional 11: 178.

Jordan, C.F. 1991 Ecology and Land Management in Amazonia, by M.J. Eden. Book Review for Progress in Physical Geography.

Jordan, C.F. 1991. Alternatives to Deforestation: Steps Toward Sustainable Use of the Amazon Rain Forest. Book Review. The Environmental Professional 12: 291.

Jordan, C.F. 1991. Race to Save the Tropics. Book Review. The Environmental Professional 12: 291-292.

Jordan, C.F. 1992. Agroforestry: Principles and Practice. Book Review. Forest Science 38(4).46

Jordan, C.F. 1993. Healthy Ecosystems: How do we define them?

Book Review. Conservation Biology 7: 444-445.

Jordan, C.F. 1999. Tropical forest management: Victim of economics.  
(Book  
review) BioScience 49: 413-14.

Jordan, C.F. 2001. The Sustainability-Biodiversity-Agriculture Conundrum.  
Conservation Biology 15: 3-5.

**Popular books**

Jordan, C.F. River of Rains. In review.

## Grants

National Science Foundation  
Man & Biosphere  
Rockefeller  
World Wildlife Fund  
U.S. Agency International Development  
U.S. A.I.D.  
UGA International Program Development  
The Land Institute  
USDA  
EPA

## Awards and Recognition

(1973) Mercer Award, of the Ecological Society of America  
for outstanding papers in the field of Ecology

(1978) Who's Who in America

(1983) Univ. of Georgia, for research and creative activity  
resulting in the award of over one million dollars in research grants  
and contract funds.

*Major Professor for the following students: (pp=present position)*

### Post-Doctoral Associates.

Christopher Uhl. 1980-1983. Productivity and succession in  
degraded Amazonian Ecosystems. pp: Biology Dept. Penn.  
State Univ.

Dowon Lee. 1987-1989. Organic matter and soil phosphorus  
availability in tropical soils. pp: Dept. Chairman, Dept. of  
Environmental Science, Hankuk Univ., S. Korea.

### Graduate Students and dissertations

Charles Russell (Ph.D. 1983, co-advisor with R. North).  
Nutrient Loss and Productivity Change following Conversion  
of Primary Forest to Plantation Species at the Jari Plantations,  
Para, Brazil. pp: Consulting forester, Pullman, Washington.

- Jeffrey Luvall (Ph.D. 1984). Tropical Rainforest Deforestation and Recovery: The Effects on the Evapotranspiration Process. pp: Earth Science Lab., NASA, Marshall Space Flight Center, Alabama.
- Robert Buschbacher (Ph.D. 1984). Changes in Productivity and Nutrient Cycling following Conversion of Amazon Rainforest to Pasture. pp: Visiting professor, University of Florida, School of Forestry.
- Geoffrey Parker (Ph.D. 1985). The Effect of Disturbance on Water and Solute Budgets of Hillslope Tropical Rainforest in Northeastern Costa Rica. pp: Smithsonian Chesapeake Res. Lab.
- Florencia Montagnini (M.S. 1978; Ph.D. 1985). Nitrogen turnover and Leaching from Successional and Mature Ecosystems in the Southern Appalachians. pp: . Prof., School of Forestry, Yale Univ.
- Jose-Manuel Maass (Ph.D. 1985). Soil Erosion and Nutrient Losses in Seasonal Tropical Agroecosystems under Various Management Techniques. pp: Prof., Inst. de Biologia, Univ. Auto. Nac. Mexico, D.F. Mexico.
- Jiragorn Gajasen (Ph.D. 1988) Ecological Comparison of Traditional Agriculture and the Forest Village System (Agroforestry) in Northern Thailand. pp. Assoc. Prof., Biology Dept., Chulalongkorn Univ., Bangkok, Thailand.
- Han Xingguo (Ph.D. 1989) Effect of Organic Matter on Availability of Phosphorus for Uptake by Plants. pp Director, Dept. of Botany, Chinese Academy of Science, Beijing, PRC.
- Paul Wojtkowski (Ph.D. 1989, co-advisor with F. Cubbage) Bioeconomic simulation of agroforestry systems: an application to Southeast Bahia, Brasil. Independent consultant.
- Garo Batmanian (Ph.D. 1990) Reforestation of Degraded Pastures in the Brazilian Amazon: Effect of Site Preparation on Phosphorus Availability in the Soil. pp: World Bank, Brasilia, Brazil .
- Cornelius Burns (Ph.D. 1992) Mapping and Analysis of Montane

Rain Forest Communities Using Landsat TM and Elevation Data with a Geographic Information System. pp. U.S. Environmental Protection Agency, Atlanta, GA.

Suzanne Kolb (Ph.D. 1993) (co-chair with Dr. Frank Golley).  
Islands of Secondary Vegetation in Degraded Pastures of Brazil. Their Role in Reestablishing Atlantic Coastal Forest.  
Pp.Coordinator for Brazil studies program, Oberlin College, Ohio.

Rosa Guedes. (Ph.D. 1993) Phosphorus solubilization by Pigeonpea (Cajanus cajan) in a Georgia Ultisol.. pp Professor, Federal Rural Univ. of Pernambuco, Recife, Brazil.

Robert Potter (Ph.D. 1993) Phosphorus Dynamics Following Selected Site Preparation Treatments and Organic Matter Amendments on a Southern Piedmont Site. Pp. Post Doctoral Associate, University of Georgia

Rodrigo Matta-Machado. (Ph.D. 1993) A Comparison of Nutrient Dynamics and Productivities between an Alley Cropping System and an Annual Legume-Based Cropping System in the Piedmont Region of Georgia, U.S.A. pp. Professor, Federal University of Minas Gerais, Belo Horizonte, Brazil.

Rita Mesquita. (Ph.D. 1995) The effect of different proportions of canopy opening on the carbon cycle of a central Amazonian Secondary Forest. Pp. Research Scientist, Instituto Nacional Pesquisas Amazonicas, Manaus, Brazil.

Jay Becker. M.S. 1995. Survivorship and growth of Prestoea acuminata (Palmae) in varying light environments of lower wet montane forest.

Kristina Laidlaw. (co-chair with Cathy Pringle) M.S. 1996. The implementation of a volunteer stream monitoring program in Costa Rica.

Christopher Miller. (Ph.D. 1997). Population Dynamics of an Economically Important Palm Tree (*Jessenia bataua*) in the Ecuadorian Amazon.. Professor, St. John's College, Florida

Eduardo Asanza (Ph.D. 1999) Black water and white water lake systems  
Of the Ecuadorian Amazon and the role of the black caiman (*Melanosuchus niger*) pp. Director, Cuyabeno Foundation, Quito, Ecuador.

Christian Castallanet. (Ph.D. 1998). The Use of Participatory Action-Research for Environmental Problem Solving. pp Dept. Head, Group for Research and Exchange of Technology, Paris, France

Julie March. Ph.D. 2001. Brazilian Agrarian Reform: Potential, Problems, and the Quest for Sustainability. Pp. Food Specialist, U.S. Agency for International Development.

Eleanor Green. M.S. 2002. Nutrient addition and crop yield of an alley cropping system in the Piedmont of Georgia. pp Instructor, Gainesville College, Watkinsville, GA.

Faucette, B. 2004. Ph.D. Evaluation of environmental benefits and impacts of compost and industry standard erosion and sediment control measures used in construction activities. pp Dept. of Biological and Agricultural Engineering, Univ. of Georgia.

Reichlen, J.J. M.S. 2004. The effects of root-pruning on productivity in an alley cropping system in the Georgia Piedmont.

Ediger, Laura Ph.D. 2006 (Presidential Scholar). The impact of China's reforestation program on the economy and social structure of indigenous tribes in Yunnan Province.

Current Graduate Students:

Yolima Carillo (Ph.D)

Krista Jacobsen (Ph.D)

Jason Mann (Ph.D)

Jeffrey Stoike

### **International Projects**

Puerto Rico: 1966-1969. Full time resident. Conducted environmental studies for Atomic Energy Commission (now DOE): 1980-82, supervised study of plantation forests (4 mos. on site).

Venezuela: 1974-1983. Full time resident 74-79; 3mos/ yr 79-83. Principle Investigator and Project Coordinator for international research project on the dynamics of the Amazon Rain Forest, Work sponsored by N.S.F., O.A.S., UNESCO, and Venezuelan Government.

Mexico: 1980-1984. Four mos. during this period. Consultant for Univ. Mexico on establishment of watershed studies in Jalisco.

Costa Rica: 1981-1984. Principle Investigator in Man and

Biosphere project on strip cutting in montane tropical forest (4 mos. on site).

Guatemala: 1982-1983. Assisted in Environmental Profile for A.I.D.

Haiti: 1982-1983. Supervised Ph.D. dissertation on energy efficiency of plantation forestry.

Brazil: 1980-83, carried out ecological study of Jari (pulp plantation in the Amazon), 4 mos. on site; 1985-present, carrying out study of development along railroad from Carajas mine (Para) to Sao Luis on Coast. Work sponsored by World Bank and UNDP through Companhia Vale do Rio Doce; 1987-1989, economics of agroforestry systems in Bahia; 1987-1990, World Wildlife sponsored project on reforestation of golden lion tamarin preserve, Atlantic Coastal Forest; 1992-1994, Management of secondary rain forests near Manaus, 1994 Sponsored by Smithsonian Institution; 1994-98, participatory farmer research, Altamira; 1995, conservation of primary rainforest in western Amazonas; 1999-2000, Evaluation of the MST (People without land) movement in Pernambuco, Brazil.

Vietnam: 1984. Three week visit as part of a team studying long term effects of aerial spraying of herbicides.

Thailand: 1986-1990: Developed a community forestry study, organized through Forest Industry Organization of Thailand and Chulalongkorn University (2 mos. on site). Principal Investigator on an A.I.D. sponsored agroforestry (Taungya) project in Northern Thailand.

Peoples Republic of China: 1986; One month visiting professor at Central South Forestry University, Hunan. 1987; Consultant for Univ. Georgia Botanical Garden for plant exchange program with Central South Forestry Univ., Hunan.

Australia: 1987 Member, Scientific Committee of the Northern Rainforest Management Agency, Queensland, Australia.

The Philippines: 1992-94, Co-Principle Investigator for A.I.D. sustainable agriculture program.

Ecuador; 1995 - 96 Sustainable development in Cuyabeno Reserve, in

the Amazon region of Ecuador. 2000 - consultant to the World Bank/GEF project on establishment of a conservation corridor from the Andes to the Pacific Coast.

Shorter visits for conferences, and workshops in Panama, Colombia, Dominican Republic, Malaysia.

Major Professional Activities since joining the University of Georgia in 1974

2000- 2004. PI on a multi-million grant from USDA to establish a "Center for Sub-Tropical Agroforestry. Research sites include several stations in Florida, and the "Spring Valley Farm" (see below) in Georgia.

1995. Developed proposal for conservation and sustainable development of 1-million tract of virgin rainforest in western Amazonas, Brazil.

1993. Appointed to the faculty of the newly created School of Ecology at the University of Georgia. Initiated two new courses in the Conservation and Sustainable Development curriculum. Prepared textbook for the courses.

1988-1993. Established experimental forestry plantations in the Southeast for determining silviculture of Paulownia sp., and imported seeds from China to broaden its genetic base.

1992 - Co-Principle Investigator in the A.I.D. sponsored Collaborative Research Support Program in Sustainable Agriculture and Natural Resource Management (\$10 million, 5-year grant, extendable to 20 years, for research and extension in Asia, Africa, and Latin America.

1990 Organized Symposium on Taungya agriculture (agroforestry) at the Fifth International Congress of Ecology, Yokohama, Japan, Aug., 1990.

1989 Expert witness for Commonwealth of Australia in the court case regarding disposition of Queensland rain forest.

1989 Witness for U.S. Senate subcommittee on Conservation and Forestry, Washington, D.C.

- 1989-1993 Board of Advisors, The Basic Foundation, Atlanta, Georgia.
- 1988-1990 Principle Investigator of A.I.D. sponsored agroforestry research project in Thailand.
- 1988-1991 Principle Investigator of World Wildlife sponsored project on reforestation of golden lion tamarin reserve, Brazil.
- (1987-1990) Cooperating Scientist with Univ. Georgia International Programs (Darl Snyder, Dir.) in developing assistance program for Burkina Faso.
- 1987-1989 Principle Investigator of N.S.F. sponsored ecological study in the Brazilian Amazon. Carried out in Cooperation with the Environmental Division of the Brazilian Mining Co., Companhia Vale do Rio Doce. Financed by World Bank, through United Nations Development Program.
- 1985-1987 Cooperating Scientist with Agronomy Dept., Univ. Georgia, Griffin, on project dealing with herbicides as a land preparation technique for Georgia landowners.
- 1979-1982 Principle Investigator for three U.S. Man and the Biosphere sponsored ecological projects in Costa Rica and Puerto Rico.
- (1979-1983) Member of the MAB-1 (Man and the Biosphere, Tropical Forests) Directorate, U.S. Dept. of State.
- 1974-1984 Principle Investigator for National Science Foundation sponsored Ecological Study in the Amazon Territory of Venezuela; Coordinated activities of visiting U.S. scientists, and cooperated with principle investigators from Venezuela and Germany in organizing and running this international project at San Carlos de Rio Negro, Venezuela.
- Consultant to Instituto de Ecologia, Universidad Nacional Autonoma de Mexico, D.F., on establishment and operation of watershed project near Chamelas, Mexico.
- Member of Committee on Applications of Ecological Theory to Environmental Problems, Commission on Life Sciences, National Research Council, Washington, D.C.

Supervised Doctoral dissertation research and post-doctoral studies in Venezuela, Brazil, Costa Rica, Puerto Rico, Mexico, Haiti, Thailand, Ecuador, and the U.S.

Board of Editors, *Ecotropicos* (Journal of the Venezuelan Ecological Society)

Advisor to the Venezuelan Ministry of the Environment and Natural Resources for the Establishment of the Amazon Center for Ecological Research "Alexander Humboldt".

Executive Committee, Institute of Ecology, Univ. of Georgia. 1989-1992. Also served on the Conservation and Sustainable Development Committee, Graduate Admissions Committee, Facilities Committee.

Served on various boards, committees, and review panels, many dealing with environmental and ecological aspects of management of forests.

Presented papers at many symposia, workshops, and special lectures, frequently on the subject of conservation and ecology of tropical forests.

Led graduate seminars.

Regularly reviewed papers and proposals for professional journals and granting agencies.

Popular history is written to entertain, academic history is written to inform and present an argument. There is also a difference between popular and public history, where public is more academic but still accessible to the public. Popular history may be written by someone who hasn't got a degree and is written from an interest. Often, popular historians, lack a deep understanding of the field of history and their work just is not something of academic quality. This would be the difference between a PhD in rock. Academic history. Within this section you are required to enter your academic history including any courses that you are currently studying and will have received a grade/result for by the time the course you are applying for starts. You are also required to enter any academic awards and distinctions that you have received. You may upload up to 5 transcripts per Academic History, each of which must be in PDF format and no bigger than 2MB. If academic historians want popular narrative history that is solidly based on the monographic literature, then they will have to write it themselves. Gordon S. Wood is the Alva O. Way University Professor and professor of history emeritus at Brown University. His most recent book is *Empire of Liberty: A History of the Early Republic, 1789-1815*. Books shelved as academic-history: *Ordinary Men: Reserve Police Battalion 101 and the Final Solution in Poland* by Christopher R. Browning, *The History of...* (shelved 3 times as academic-history) avg rating 4.07 13,681 ratings published 1992. Want to Read saving; Want to Read. Popular history and academic history are often expressed as being in opposition to each other. Works that are popular in tone and nature are considered by some to be inferior to academic works. History is fascinating and anything that helps to widen interest in the subject can only be a good thing. There is enough history to go around, and historians such as David Starkey have demonstrated that it is possible to bridge the gap between the popular and the academic, with each using the raw materials of history in different ways.