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Professional Experience:

2012 – present HARC Distinguished Fellow
2006 – 2011 President and CEO, Houston Advanced Research Center, The Woodlands, TX.
2010 – present Professor (adjunct), Dept. of Earth and Atmospheric Sciences, University of Houston, Houston, TX.
2005 – present Professor (adjunct), Dept. of Marine Sciences, Texas A&M University-Galveston.
2008 – present Fellow, Institute for Science, Technology, and & Public Policy, The Bush School of Government & Public Service, Texas A&M University.
1999 – 2006 Senior Scientist, Institute for the Study of Society and Environment (ISSE), National Center for Atmospheric Research (NCAR), Boulder, CO.
1999 – 2005 Director, Institute for the Study of Society and Environment, National Center for Atmospheric Research, Boulder, CO
2000 – 2001 Associate Director for Strategic Planning, NCAR
1997 – 1999 Director, The Sustainable Enterprise Institute, Texas Engineering Experiment Station, Texas A&M University, College Station, TX.
1997 – 1999 Professor and Holder of the A.P. and Florence Wiley Chair in Civil Engineering, Texas A&M University, College Station, TX
1994 – 1997 Director, Science Division, Office of Mission to Planet Earth, NASA Headquarters, Washington, D.C.
1988 – 1994 Professor of Earth Science & Natural Resources, University of New Hampshire.
1983 – 1993 Mission Scientist, NASA Global Tropospheric Experiment ABLE Expeditions to the Tropical Atlantic ABLE 1, Amazon Basin ABLE 2, and Arctic ABLE 3.
1980 – 1988 Project Scientist, NASA Global Tropospheric Experiment.
1978 – 1988 Senior Scientist, NASA Langley Research Center, Hampton, VA.
1978 Visiting Research Professor, Program on Science, Technology, and Society, Clark University (Spring Semester).
1976 – 1977 Senior Fellow, University of London, UNEP Monitoring & Assessment Research Center (June-August appointments).
1975 – 1978 Professor of Oceanography, Florida State University.
1974 – 1975 Energy Research Coordinator, National Science Foundation, Washington, D.C.
1971 – 1974 Director, Florida State University Marine Laboratory.
1970 – 1975 Associate Professor of Oceanography, Florida State University.
1968 – 1970 Assistant Professor of Oceanography, Florida State University.
1966 – 1968 Assistant Professor of Geochemistry, McMaster University, Hamilton, Canada.
1965 – 1966 Postdoctoral Fellow, Harvard University.

Education:

- Ph. D., Geochemistry
Rice University, Houston (1963 - 1965)
- M. A., Geochemistry
Rice University, Houston (1962 - 1963)
- B. S., Geology
Florida State University, Tallahassee (1959 – 1962)

Research and Teaching Interests:

Sustainability Science, Engineering, and Policy; Connecting Art, Humanities, Science, & Technology through dialogues; New Media and Games for Lifelong Learning.

Memberships:

- American Association for Advancement of Science (Fellow)
- American Geophysical Union
- American Meteorological Society
- Society for Organizational Learning

Fellowships and Awards:

- Fellow, 2008-2010, Institute for Science, Technology, and Public Policy, Texas A&M University
- N. D. E. A. Fellowship, 1962 – 1965
- Harvard University Fellowship, 1965 - 1966
- United Nations Environment Program Fellow, 1976 - 1977
- NASA Exceptional Scientific Achievement Medal, 1985
- Elected Fellow of the AAAS, 1988
- NASA Group Achievement Award, 1993
- U.S. Senior Executive Service, 1994 - 1997
- NASA Outstanding Leadership Medal, 1997
- ISI Highly Cited Author, 2003

Selected List of Professional Activities:***Editorial:***

- Associate Editor, Environmental Monitoring and Assessment, 1980 - 1994
- Associate Editor, Journal of Geophysical Research Atmospheres, 1988 - 1992.
- Associate Editor, Chemosphere, 1993 - 2004.
- Contributing Editor, Environment, 1996 - present.

Advisory Committees:

- University National Ocean Laboratory System (UNOLS), 1972-1974
- Executive Committee, International Decade of Ocean Exploration, National Science Foundation, 1975-1977
- NASA Water Quality Planning, 1979 - 1980
- NASA Five-Year Plan for Environmental Observations, 1979
- NASA Innovation Study, 1979

- NASA Global Habitability Study, 1982
- Council on Environmental Quality, Long-Term Environmental Research, 1984
- IAMAP International Commission on Atmospheric Chemistry and Global Pollution, 1987-1991
- National Science Foundation, Advisory Committee on Atmospheric Sciences, 1987-1990
- NASA, Advisory Committee on Life Sciences, 1988-1990
- International Geosphere-Biosphere Program (four separate committees), 1988-present
- State of New Hampshire, Clean Air Strategy Advisory Committee, 1991-1994
- Technical Education Research Center (TERC), Ecology Curriculum and Global Laboratory Advisory Boards, 1992-1994
- Oak Ridge National Laboratory, Advisory Committee for Environmental Sciences, 1992-1994
- University of New Mexico, Committee for the Earth Data and Analysis Center, 1997- 2000
- Texas A&M University, George Bush School of Government and Public Service, Committee to Prepare an International Affairs Graduate Degree Program, 1997
- Texas A&M University, Chair, Civil Engineering Strategic Planning Committee, 1998
- Texas A&M University, Interdisciplinary Planning and Oversight Committee, 1998
- National Institute for Global Environmental Change, U.S. Department of Energy, National Technical Advisory Committee, 1998-2001
- National Science Foundation, Committee of Visitors, Lower Atmospheric Research, 1998
- NASA Stennis Space Center Education Advisory Board, 1998-2002.
- Houston Advanced Research Center, Global Studies Policy Advisory Committee, 1998-2003.
- Organization for Tropical Studies, Research Advisory Committee, 1998-present
- Technical Advisory Board, W. M. Keck Center for Informatics, 1999-2001
- Board of Trustees, University Space Research Association, 1999-2001
- UCAR SOARS Steering Committee, 1999-present
- Science Advisory Board, National Institute of Aerospace, 2002-2003.
- User Working Group, CIESIN Socioeconomic Data & Applications Center, 2001-2004.
- Co-Director, International START Program, Training Institute on Urbanization, Emissions, and the Global Carbon Cycle, 2002-2004
- National Science Foundation, Geosciences Advisory Committee, 2003-2006.
- National Science Foundation, GPRA Advisory Committee, 2003-2006.
- National Science Foundation, Chair, Geosciences Advisory Subcommittee on Education and Diversity, 2005-2006
- External Advisory Committee, Utah Trace-Gas Emissions Study (UTES) Project, University of Utah, 2004-2006.
- External Advisory Committee, Decision Center for a Desert City, Arizona State University, 2005-present.
- Greater Houston Partnership, Committees on Clean Air & Climate, 2007-2010.
- Director, Texas Climate Initiative, 2007-present.
- The Trust for Public Land, Regional Advisory Council, 2008-present.
- Houston-Galveston Area Council Foresight Panel on Environmental Effects, 2008.
- Principal Investigator, Texas Climate Initiative & Texas Climate News.
- Co-Principal Investigator, Quality of Life-Athens Dialogues, Onassis Foundation.
- Center for Houston's Future, Scenario Project, Our Future: Our Choice, 2009-present.
- Center for Houston's Future, Annual Indicators Advisory Committee, 2010-present.

National Academy of Sciences/National Research Council:

- Committee on Scientific and Technical Assessments of Environmental Pollutants, 1975-1977
- Committee on Nitrates as Potential Pollutants, 1975-1977
- Committee on Atmosphere-Biosphere Interactions, 1980-1981
- Committee on Global Tropospheric Chemistry, 1983-1984
- Committee on Atmospheric Chemistry, 1987-1988
- Committee on Tropospheric Ozone Formation and Measurement, 1989-1991
- Committee on Global Change Research (CGCR), National Research Council, 1999-2001

Publications (Journal articles and book chapters):

1. Harriss, R. C., and C. Almy. 1964. A preliminary investigation of minor elements in the skeletal material of scleractinian corals. *Bull. Mar. Sci. Gulf Carib.*, 14: 418-423.
2. Harriss, R. C. 1965. Trace element regulation in the marine alga *Caulerpa racemosa*, *Ecology*, 46: 539-540.
3. Harriss, R. C. 1965. Trace element distribution in Molluscan skeletal material I. Mg, Fe, Mn, Sr., *Bull. Mar. Sci.* 15: 265-273.
4. Pilkey, O. and R. C. Harriss. 1966. Temperature and salinity control of the concentration of skeletal Na, Mn, and Fe in *Dendroaster excentricus*, *Pacific Science*, 20: 235-238.
5. Pilkey, O. and R. C. Harriss. 1966. The effect of intertidal environment on the composition of calcareous skeletal material, *Limnology and Oceanography*, 11: 381-386.
6. Harriss, R. C. and O. Pilkey. 1966. Interstitial waters of some deep marine carbonate sediments, *Deep Sea Res.*, 13: 967-969.
7. Harriss, R. C. and J. A. S. Adams. 1966. Geochemical and mineralogical studies on the weathering of granitic rocks, *Amer. J. Sci.*, 246: 146-173.
8. Harriss, R. C. 1966. Silica and chloride in interstitial waters of river and lake sediments, *Limnology and Oceanography*, 11: 8-12.
9. Harriss, R. C. 1966. Biological buffering of oceanic silica, *Nature* 212: 275-276.
10. Harriss, R. C. 1967. Clay minerals and oceanic evolution, *Proc. 15th Clay conf.*, 207-214, Pergamon Press.
11. Turekian, K., R. C. Harriss, and D. Johnson. 1967. The variations of Si, Cl, Na, Sr, Ba, Co, and Ag in the Neuse River, N.C., *Limnology and Oceanography*, 12: 702-706.
12. Harriss, R. C. 1968. Mercury in deep sea manganese nodules, *Nature*, 219: 54-56.
13. Harriss, R. C., J. Crocket, and M. Stainton. 1968. Palladium, iridium, and gold in deep sea manganese nodules, *Geochim. Cosmochim. Acta*, 32: 1049-1056.
14. Glooschenko, W. and R. C. Harriss. 1969. Neutral Embayments, *in*: Odum, H. T., Copeland, B., and McMahan, E. (ed.), *Coastal Ecological Systems of the United States*, pp. 953-962.
15. Harriss, R. C. 1969. Boron regulation in the world ocean, *Nature* 223: 290.
16. Macdougall, J. D. and R. C. Harriss. 1969. The geochemistry of an Arctic watershed, *Can. J. Earth Sci.*, 6: 305-315.
17. Harriss, R. C. and H. H. Williams. 1969. Specific ion electrode determination of Br, Cl, and F in atmospheric precipitation, *J. Appl. Meteor.*, 8: 299-301.
18. Brunskill, G. and R. C. Harriss. 1969. Fayetteville Green Lake, New York IV Interstitial water chemistry of the sediment, *Limnology and Oceanography*, 14: 858-862.
19. Harriss, R. C. and A. Troup. 1969. Fresh water ferromanganese concentrations: chemistry and internal structure, *Science*, 166: 604-606.

20. Turner, R. and R. C. Harriss. 1970. The distribution of nondetrital iron and manganese in two cores from the Kara Sea, *Deep Sea Res.*, 17: 633-636.
21. Williams, H. H. and R. C. Harriss. 1970. Chloride and bromide in carbonate rocks in relation to the history of ocean water, *Can. J. Earth Sci.*, 7: 1539-1551.
22. Martens, C. and R. C. Harriss. 1970. Inhibition of apatite precipitation in marine environment by magnesium ions, *Geochim. Cosmochim. Acta.*, 34: 621-625.
23. Harriss, R. C. and A. G. Troup. 1970. Chemistry and origin of freshwater ferromanganese concretions, *Limnology and Oceanography*, 15: 702-712.
24. Harriss, R. C., D. White, and B. MacFarlane. 1970. Mercury compounds reduce photosynthesis by phytoplankton, *Science*, 170: 736-737.
25. Martens, C. and R. C. Harriss. 1971. Mechanisms of iodine injection from the sea surface, *in: Symposium on Precipitation Scavenging*, A.E.C. Pub., Conf-700601, pp. 319-324.
26. Andren, A. and R. C. Harriss. 1971. Mercury in tobaccos, *Environ. Letters*, 1: 231-235.
27. Andren, A. and R. C. Harriss. 1971. Anomalies in the size distribution of magnesium, calcium, and sodium in marine aerosols, *J. Appl. Meteor.*, 10: 1349-1350.
28. Harriss, R. C. 1971. Ecological implications of mercury pollution in aquatic systems, *Biol. Conservation*, 3: 279-284.
29. Harriss, R. C. 1971. Controls on inorganic phosphorus in the world ocean, *in: Proc. Joint Oceanogr. Assembly (Tokyo)*, pp. 191-192.
30. Harriss, R. C., H. Matraw, J. Alberts, and A. Hanke. 1972. Effect of pollution on the marine environment-A Case Study, *Proc. Coastal Zone Pollution Management Symposium*. EPA, Gov. Print. Office, pp. 41-57.
31. Harriss, R. C. 1972. Silica-Biogeochemical Cycle, *in: Fairbridge (ed.), Encyclopedia of Geochemistry*, Reinhold Press, pp. 1080-1082.
32. Harriss, R. C. 1972. Controls on the boron content of the oceans, *in: Nelson, B. W. (ed.), Environmental Framework of Coastal Plain Estuaries*, Geol. Soc. Amer. Memoir 133, pp. 71-78.
33. MacFarlane, B., W. Glooschenko, and R. C. Harriss. 1972. The interaction of light intensity and DDT concentration upon the marine diatom *Nitzschia delicatissima* Cleve, *Hydrobiol.* 39: 373-382.
34. Moore, S. A. and R. C. Harriss. 1972. Effects of polychlorinated biphenyl on marine phytoplankton communities, *Nature*, 240: 356-358.
35. Horvath, G., R. C. Harriss, and H. Matraw. 1972. Land development and heavy metal distribution in the Florida Everglades, *Marine Pollution Bull.*, 3: 182-184.
36. Martens, C. S. and R. C. Harriss. 1973. Chemistry of aerosols, cloud droplets and rain in the Puerto Rican marine atmosphere, *J. Geophys. Res.*, 78: 949-957.
37. Crocket, J., J. Macdougall, and R. C. Harriss. 1973. Gold, palladium and iridium in marine sediments, *Geochim. Cosmochim. Acta*, 37: 2547-2556.
38. Knauer, G. and R. C. Harriss. 1973. Trace elements in marine shrimp, *Proc. Third Natl. Radioecology Symp.*, pp. 836-840.
39. Martens, C., J. Wesolowski, R. Kaifer, W. John, and R. C. Harriss. 1972. Sources of vanadium in Puerto Rican and San Francisco Bay area aerosols, *Environ. Sci. Tech.*, 7: 817-820.
40. Martens, C., J. Wesolowski, R. C. Harriss, and R. Kaifer. 1973. Chlorine loss from Puerto Rican and San Francisco Bay area marine aerosols, *J. Geophys. Res.*, 78: 8778-8792.
41. Lindberg, S. and R. C. Harriss. 1973. Mechanisms controlling pore water salinities in a salt marsh, *Limnology and Oceanography*, 18: 788-791.
42. Andren, A. and R. C. Harriss. 1973. Methylmercury in estuarine sediments, *Nature*, 245: 256-257.

43. Moore, S. A. and R. C. Harriss. 1974. Differential sensitivity to PCB by phytoplankton, *Marine Pollution Bull.*, 5: 174-176.
44. Lindberg, S. L. and R. C. Harriss. 1974. Mercury-organic matter association in estuarine sediments and their associated interstitial water, *Environ. Sci. Tech.*, 8: 459-462.
45. Lindberg, S. and R. C. Harriss. 1974. Mercury enrichment in estuarine plant detritus, *Marine Pollution Bull.*, 5: 93-94.
46. Myers, V., R. L. Iverson, and R. C. Harriss. 1975. Salinity and dissolved organic matter effects on surface charge characteristics of selected euryhaline phytoplankton, *Jour. Exp. Mar. Biol. Ecology*, 17: 59-69.
47. Lindberg, S., A. Andren, and R. C. Harriss. 1975. Geochemistry of mercury in the estuarine environment, *in: Estuarine Research*, v. 1, pp. 64-107, Academic Press.
48. Turner, R., R. C. Harriss, and T. Burton. 1975. The effect of urban land use on nutrient and suspended-solids export from North Florida watersheds, *in: Mineral Cycling in Southeastern Ecosystems*, ERDA Symposium Series Conf.-740513, pp. 686-888.
49. Harriss, R. C. 1975. Ecological modeling - a discussion, *in: Symposium on Ecological Modeling*, pp. 369-373, Johns Hopkins Univ. Press.
50. Andren, a. and R. C. Harriss. 1975. Observations on the association of dissolved mercury and organic matter in natural waters, *Geochim. Cosmochim. Acta*, 39: 1253-1258.
51. Tripp, M. and R. C. Harriss. 1976. Role of mangrove vegetation in mercury cycling in the Florida Everglades, *in: Environmental Biogeochemistry*, v. 2, pp. 489-498, Ann Arbor Science Press.
52. Burton, T., R. Turner, and R. C. Harriss. 1976. Effects of highway construction on water quality in a North Florida watershed, *Water Resources Bull.*, 12: 529-538.
53. Martens, C. S. and R. C. Harriss. 1976. Boron in North Florida rainfall, *J. Geophys. Res.*, 81: 6371-6376.
54. Harriss, R. C. 1976. Energy, ecosystems, and world order, *in: International Legal Papers*, v. 2, 104-116, Pontchartrain Press.
55. Harriss, R. C. 1976. Suggestions for the development of a hazard evaluation procedure for potentially toxic chemicals, *Monitoring and Assessment Research Center Report No. 3*, Univ. of London, pp .18
56. Lindberg, S. E. and R. C. Harriss. 1977. Release of dissolved mercury and organic matter from resuspended near shore sediment, *J. Water Pollution Control Fed.*, 12: 2479-2487.
57. Turner, R. R., T. M. Burton, and R. C. Harriss. 1977. Lake Jackson Watershed Study: Description of sites, methodology and scope of research. *in: Correll, D. (ed.) Watershed Research in Eastern North America*, Smithsonian Inst. Pub., pp. 19-32.
58. Turner, R. R., T. M. Burton, and R. C. Harriss. 1977. Descriptive hydrology of three North Florida watersheds in contrasting land use. *in: Correll, D. (ed.) Watershed Research in Eastern North America*, Smithsonian Inst. Pub., pp. 211-224.
59. Burton, T. M., R. B. Turner, and R. C. Harriss. 1977. Nutrient export from three North Florida watersheds in contrasting land use. *in: Correll, D. (ed.) Watershed Research in Eastern North America*, Smithsonian Inst. Pub., pp. 324-341.
60. Burton, T. M., R. R. Turner, and R. C. Harriss. 1977. Suspended and dissolved solids export from three North Florida watersheds in contrasting land use. *in: Correll, D. (ed.) Watershed Research in Eastern North America*, Smithsonian Inst. Pub., pp. 471-485.
61. Harriss, R. C., C. Hohenemser, and R. W. Kates. 1978. Our hazardous environment, *Environment*, 20: 7-24.
62. Harriss, R. C. and C. Hohenemser. 1978. Mercury: Measuring and managing the risk, *Environment*, 20: 25-36.

63. Burton, T. M., R. R. Turner, and R. C. Harriss. 1978. Response of a soft water lake in North Florida, U.S.A., to increased chemical and particulate loading from its watershed, *Verh. Internat. Verein. Limnology*, 20: 546-549.
64. Burton, T. M., R. C. Harriss, and M. Tripp. 1979. The influence of bird rookeries on nutrient cycling and organic matter production in the Shark River, Florida Everglades. *in*: *Strategies for Protection and Management of Floodplain Wetlands and other Riparian Ecosystems*, U.S. Forest Service Gen. Tech. Rept. WO-12, pp. 73-79.
65. Harriss, R. C., C. Hohenemser, and R. W. Kates. 1979. The burden of technological hazards, *in*: Goodman, G. and Rowe, W. (ed.), *Energy Risk Management*, Academic Press, pp. 103-137.
66. Youngblood, J. W., W. L. Darnell, R. Johnson, and R. C. Harriss. 1980. Airborne spacecraft - A remotely powered, high altitude RPV for environmental applications, *Unmanned Vehicle Systems Jour.*, pp. 8-15.
67. Johnson, R. W. and R. C. Harriss. 1980. Remote sensing for water quality and biological measurements in coastal waters. *Photogrammetric Engineering & Remote Sensing*, 46: 77-85.
68. Sebacher, D. I. and R. C. Harriss. 1980. A continuous sampling and analysis system for monitoring methane fluxes from soil and water surfaces to the atmosphere, *in*: *Proc. 73rd Ann. Meet. Air Pollut. Control Assoc.*, pp. 12.
69. Harriss, R. C. 1980. Assessing impacts of fossil fuel energy systems on geochemical cycles, *in*: Singh, J. and Deepak, A. (eds.) *Environmental and Climate Impact of Coal Utilization*, Academic Press, pp. 83-100.
70. Lindberg, S. E. and R. C. Harriss. 1980. Trace metal solubility in aerosols produced by coal combustion, *in*: Singh, J. and Deepak, A. (eds.) *Environmental and Climatic Impact of Coal Utilization*, Academic Press, pp. 589-608.
71. Harriss, R. C., B. W. Ribelin, and C. Dreyer. 1980. Sources and variability of suspended particulates and organic carbon in a salt marsh estuary, *in*: Hamilton, P. (ed.) *Estuarine and Wetland Processes*, Plenum Press, pp. 371-384.
72. Harriss, R. C., W. Philpot, and V. Klemas. 1981. The use of remote sensing in monitoring and assessment of marine pollution, *in*: *Proc. Seminar on Environmental Monitoring for the Arab World*, Royal Scientific Society of Jordan Press, pp. 492-530.
73. Lindberg, S. E. and R. C. Harriss. 1981. The role of atmospheric deposition in an eastern U.S. deciduous forest, *Water, Air, and Soil Pollution* 16: 13-31.
74. Harriss, R. C. and D. I. Sebacher. 1981. Methane flux in forested swamps of the southeastern U.S., *Geophys. Res. Lett.*, 8: 1002-1004.
75. Lindberg, S., R. C. Harriss, and R. Turner. 1982. Atmospheric deposition of metals to a forest canopy, *Science*, 215: 1609-1611.
76. Sebacher, D. E. and R. C. Harriss. 1982. A system for measuring methane fluxes from inland and coastal wetland environments, *J. Environ. Qual.*, 11: 34-37.
77. Whitte, W. G., C. H. Whitlock, R. C. Harriss, J. Usry, L. Poole, W. Houghton, W. Morris, W. and E. Gurganus. 1982. Influence of organic materials on turbid water optical properties and remote sensing reflectance, *J. Geophys. Res.*, 87: 441-446.
78. Harriss, R. C. and J. Michaels. 1982. Sources of atmospheric ammonia, *in*: *2nd Symposium Composition Nonurban Troposphere*, pp. 33-35.
79. Hinton, R. R., E. Browell, G. Gregory, and R. C. Harriss. 1982. CO, O₃, and aerosol measurements from NASA Global Tropospheric Experiment Test Flights, *in*: *2nd Symposium Composition Nonurban Troposphere*, pp. 44-47.
80. Harriss, R. C., D. I. Sebacher, K. Bartlett, and D. Bartlett. 1982. Sources of atmospheric methane from coastal marine wetlands, *in*: *2nd Symposium Composition Nonurban Troposphere* (preprint vol.), pp. 114-117.

81. Harriss, R. C., D. I. Sebacher, and F. Day. 1982. Methane flux in the Great Dismal Swamp, *Nature*, 297: 673-674.
82. Turner, R. R., E. A. Laws, and R. C. Harriss. 1983. Nutrient retention and transformation in relation to hydraulic flushing rate in a small impoundment, *Freshwater Biol.*, 13: 113-127.
83. Darnell, W. L. and R. C. Harriss. 1983. Satellite sensing capabilities for surface temperature and meteorological parameters over the ocean, *Internatl. J. Remote Sensing*, 4: 65-92.
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85. Sebacher, D. I., R. C. Harriss, and K. Bartlett. 1983. Methane flux across the air-water interface: Air velocity effects, *Tellus*, 35B: 103-109.
86. Lindberg, S. and R. C. Harriss. 1983. Water and acid soluble trace metals in atmospheric particles, *J. Geophys. Res.*, 88: 5091-5100.
87. McNeal, R. J., J. Mugler, R. C. Harriss, and J. Hoell. 1983. NASA Global Tropospheric Experiment, *EOS*, 64: 561-562.
88. Harriss, R. C., E. V. Browell, D. I. Sebacher, G. Gregory, R. Hinton, S. Beck, D. McDougal, and S. Shipley. 1984. Atmospheric transport of pollutants from North America to the North Atlantic Ocean, *Nature*, 308: 722-724.
89. Pellett, G. L., R. Bustin, and R. C. Harriss. 1984. Sequential sampling and variability of acid precipitation in Hampton, Virginia, *Water, Air, & Soil Pollution*, 21: 33-49.
90. Cicerone, R., C. Delwiche, R. C. Harriss, and R. Dickinson. 1984. Biological and surface sources, *in: Global Tropospheric Chemistry*, National Academy Press, Washington, D.C., pp. 55-68.
91. Harriss, R. and H. Niki. 1984. Sulfur cycle, *in: Global Tropospheric Chemistry*, National Academy Press, Washington, D.C., pp. 117-121.
92. Sebacher, D. I., R. C. Harriss, W. R. Cofer, and E. Browell. 1985. Influence of meteorological conditions on aerosol vertical distribution and composition off the northeast American coastline, *Atm. Environ.*, 19: 423-428.
93. Sebacher, D. I., R. C. Harriss, and D. Bartlett. 1985. Methane emissions to the atmosphere through aquatic plants, *J. Environ. Qual.*, 14: 40-46.
94. Bartlett, K., R. C. Harriss, and D. I. Sebacher. 1985. Methane flux from coastal salt marshes, *J. Geophys. Res.*, 90: 5710-5720.
95. Harriss, R. C., E. Gorham, D. I. Sebacher, K. Bartlett, and P. Flebbe. 1985. Methane flux from northern peatlands, *Nature*, 315: 652-653.
96. Lindberg, S. and R. C. Harriss. 1985. Mercury in rain and throughfall in a tropical rain forest, *in: Proc. 5th Conf. on Heavy Metals in the Environment*, CEP Pub. Co., London.
97. Sebacher, D. I., R. C. Harriss, K. Bartlett, S. Sebacher, and S. Grice. 1986. Atmospheric methane sources: Alaskan tundra, an Alpine Fen, and a Boreal Marsh, *Tellus*, 38B: 1-10.
98. Talbot, R., R. C. Harriss, E. Browell, G. Gregory, D. Sebacher, and S. Beck. 1986. Distribution and geochemistry of aerosols in the tropical North Atlantic troposphere: Relationship to Saharan Dust. *J. Geophys. Res.*, 91: 5173-5182.
99. Gregory, G. L., R. C. Harriss, R. W. Talbot, R. A. Rasmussen, M. Garstang, M. O. Andreae, R. R. Hinton, E. V. Browell, S. M. Beck, D. I. Sebacher, M. A. K. Khalil, R. J. Ferek, and S. V. Harriss. 1986. Air chemistry over the tropical forest of Guyana. *J. Geophys. Res.*, 91: 8603-8612.
100. Bartlett, K. B., D. S. Bartlett, R. C. Harriss, and D. I. Sebacher. 1987. Methane emissions along a saltmarsh salinity gradient, *Biogeochemistry*, 4: 183-202.

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102. Harriss, R. C. 1987. Influence of a tropical forest on air chemistry. *in*: R. Dickinson (ed.) *Geophysiology of the Amazon*, Wiley Pub., N. Y., pp. 163-174.
103. Crill, P. M., K. B. Bartlett, J. O. Wilson, D. I. Sebacher, R. C. Harriss, J. M. Melack, S. MacIntyre, L. Lesack, and L. Smith-Morrill. 1988. Tropospheric methane from an Amazonian floodplain lake, *J. Geophys. Res.*, 93: 1564-1570.
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105. Talbot, R. W., M. O. Andreae, T. W. Andreae, and R. C. Harriss. 1988. Regional aerosol chemistry of the Amazon basin, *J. Geophys. Res.*, 93: 1499-1508.
106. Andreae, M. O., E. V. Brownell, P. L. S. Dias, M. Garstang, G. L. Gregory, R. C. Harriss, D. J. Jacob, M. C. Pereira, G. W. Sachse, A. W. Setzer, R. W. Talbot, A. L. Torres, and S. C. Wofsy. 1988. Biomass burning emission and associated haze layers over Amazonia, *J. Geophys. Res.*, 93: 1509-1527.
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