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Professional Experience:

2006 – present President and CEO, Houston Advanced Research Center, The Woodlands, TX.
2005 – present Professor (adjunct), Dept. of Marine Sciences, Texas A&M University-
Galveston.
2005 – present Principal Scientist, The Institute for Oceans and Coasts
2002 – 2007 Professor (adjunct), College of Architecture and Planning, University of
Colorado, Boulder, CO.
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
with joint academic appointments in the Departments of Meteorology,
Agricultural Engineering, Landscape Architecture and Urban Planning, 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; Disaster Resilient Communities; New Media and Games for Lifelong Learning; Air Quality; Renewable Energy Technologies.

Memberships:

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

Fellowships and Award:

- 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.
- The Trust for Public Land, Houston-Galveston Advisory Council, 2008-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. White, 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.
84. Exton, R. J., W. M. Houghton, W. Esaies, R. C. Harriss, F. Farmer, and H. White. 1983. Laboratory analysis of techniques for remote sensing of estuarine parameters using laser excitation, *Applied Optics*, 22: 54-64.
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.
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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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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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