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**Education and Training**

- 1985              Institute of Environmental Sciences, Applied Ecology, M. Eng.  
1982              Ohio University, Zoology (cum laude), BS

**Research and Professional Experience**

- 2003-Present     Director, Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory.
- 1999-Present     AmeriFlux Data Manager, Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory.
- 1993-Present     Director, World Data Center for Atmospheric Trace Gases, Oak Ridge National Laboratory.
- 1986-Present     Research Scientist, Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory.

**Publications**

1. Andres, R.J., G. Marland, T. Boden, and S. Bischof. 2000. Carbon Dioxide Emissions from Fossil Fuel Consumption and Cement Manufacture 1751-1995; and an Estimate of their Isotopic Composition and Latitudinal Distribution. In *The Carbon Cycle*, T. Wigley and D. Schimel (eds.), Global Change Institute, Aspen, Colorado, Cambridge University Press.
2. Andres, R.J., D.J. Fielding, G. Marland, T.A. Boden, N. Kumar, and A.T. Kearney. 1999. Carbon dioxide emissions from fossil-fuel use, 1751-1950. *Tellus*, 51B:759-765.
3. Boden, T.A. 2000. Data and Information Activities by the Carbon Dioxide Information Analysis Center in Support of the CO<sub>2</sub> Experts Group. Pgs. 125-139 in *Report of the Ninth WMO Meeting of Experts on Carbon Dioxide Concentration and Related Tracer Measurement Techniques*, R.L. Francey (ed.), World Meteorological Organization. WMO TD 952. Geneva, Switzerland.
4. Gu, L., E.M. Falge, T. Boden, D.D. Baldocchi, T.A. Black, S.R. Saleska, T. Suni, S.B. Verma, T. Vesala, S.E. Wofsy, and L. Xu. 2005. Objective threshold determination for nighttime eddy flux filtering. *Agricultural and Forest Meteorology*, 128:179-197.
5. Gu, L., D.D. Baldocchi, S.E. Wofsy, J.W. Munger, J.J. Michalsky, and T.A. Boden. 2003. Response of a deciduous forest to the Mt. Pinatubo eruption: enhanced photosynthesis. *Science*, 299:2035-2038.
6. Marland, G., and T. Boden. 2002. The Increasing Concentration of Atmospheric CO<sub>2</sub>: How Much, When, and Why? Pgs. 283-295 in *International Seminar on Nuclear War and Planetary Emergencies 26<sup>th</sup> Session*, R. Ragaini (ed.), World Scientific.
7. Schuhardt, S.L., R.M. Cushman, and T.A. Boden. 1989. A county-level approach to regional resource analysis based on climate simulation. *Journal of Climate*, 2:113-120.
8. Young, P.J., F.T. Quinlan, and T.R. Karl. 1987. Historical sunshine data in the United States. T.A. Boden, Ed., NDP021, Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, Oak Ridge, Tennessee.
9. Zinke, P.J., A.G. Stangenberger, W.M. Post, W.R. Emanuel, and J.S. Olson. 1986. Worldwide organic soil carbon and nitrogen data. T.A. Boden, Ed., NDP018, Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, Oak Ridge, Tennessee.
10. Andres, R.J., T.A. Boden, and G. Marland. 1994. Carbon Dioxide Emissions from Fossil Fuel Production in 1992 (abs). *Transactions of the American Geophysical Union* 75:152.
11. Boden, T.A. and A. Kozyr. 1994. CDIAC Develops Management Plan for U.S. JGOFS CO<sub>2</sub> Data. *U.S. JGOFS News*, Volume 5(4):4.

12. Boden, T.A., G. Marland, and R.J. Andres. 1995. CO<sub>2</sub> Emission Calculations and Trends. In *Proceedings of the Greenhouse Gas Emissions & Mitigation Research Symposium*, Environmental Protection Agency, June 27-29, 1995, Washington, D.C.
13. Boden, T.A., P. Kanciruk, and M.P. Farrell. 1990. *TRENDS '90 A compendium of data on global change*. ORNL/CDIAC-36. Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, Oak Ridge, Tennessee, 286 pages.
14. Boden, T.A., R.J. Sepanski, and F.W. Stoss. 1991. *TRENDS '91 A compendium of data on global change*. ORNL/CDIAC-46. Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, Oak Ridge, Tennessee, 700 pages.