

## Richard J. Norby



**Corporate Research Fellow & Scientist, Ecosystem Observations and Experiments**

**Environmental Sciences Division**

**Climate Change Science Institute**

**Oak Ridge National Laboratory**

Richard J. Norby is a Corporate Fellow in the Ecosystem Observations and Experiments group of ORNL. He is a physiological ecologist with interests in tree growth, forest ecology, carbon and nitrogen cycling, and global change. Norby has a BA in chemistry from Carleton College and a PhD in forestry and botany from the University of Wisconsin.

Norby has been conducting experiments on the responses of trees and forests to elevated atmospheric carbon dioxide (CO<sub>2</sub>) since 1982 with an emphasis on belowground responses. He currently is co-principal investigator (PI) on the project "Partitioning in Trees and Soil." Norby was the PI of the Oak Ridge Free-Air CO<sub>2</sub> Enrichment (FACE) Experiment and the Old-field Community Climate and Atmosphere Manipulation experiment. Through his involvement in a National Center for Ecological Analysis and Synthesis working group, "Benchmarking Ecosystem Response Models with Experimental Data from Long-term CO<sub>2</sub> Enrichment Experiments," the Global Change and Terrestrial Ecosystems project of the International Geosphere-Biosphere Programme, and the NSF network project Terrestrial Ecosystems Response to Atmospheric and Climatic Change, Norby has had a strong interest in fostering cross-disciplinary global change research and improved communication between experimentalists and modelers.

He is a member of the Ecological Society of America and in 1995 was elected fellow of the American Association for the Advancement of Science. Norby serves as the Environment Section editor of *New Phytologist*, is a member of the Board of the New Phytologist Trust, and is on the editorial board of the *Journal of Plant Ecology*. He also is an adjunct professor in the Department of Ecology and Evolutionary Biology at the University of Tennessee-Knoxville. He was recognized with an Outstanding Mentor Award by the U. S. Department of Energy's Office of Science in 2007, the UT-Battelle Award for Outstanding Accomplishment in Science and Technology in 2004, and the Scientific Achievement Award of the Environmental Sciences Division, Oak Ridge National Laboratory in 1992.

**Email:** [norbyrj@ornl.gov](mailto:norbyrj@ornl.gov)

**Phone:** 865-576-5261

One Bethel Valley Road  
P.O. Box 2008, MS-6301  
Oak Ridge, TN 37831-6301