

**Seminar on Innovation, Science and Technology for the Energy-Efficient Development:
Green-Sustainable Buildings**

Information Form

COUNTRY: UNITED STATES

Name: **John Randolph**
Nationality: **American**
Current Position: **Professor Emeritus (retired)**
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Short biography

Professor Emeritus of environmental and energy planning at Virginia Tech where he has worked for 35 years. He was Director of the Virginia Center for Coal and Energy Research from 1987-1995 and department head and school director from 1995-2005. Among his more than 100 publications are the 1991 Evaluation of Virginia's Weatherization Program, that modernized Virginia weatherization, and two major textbooks, Environmental Land Use Planning (2nd ed., 2012) and Energy for Sustainability (2008) both published by Island Press. Randolph has a BME in mechanical engineering from Minnesota and MS and PhD in civil engineering from Stanford. He is on several boards, including Community Housing Partners in Christiansburg, VA, the largest weatherization agency and training center in Virginia.

Impact of your research or work on the energy sector

Randolph's weatherization evaluation research demonstrated effectiveness of measures and methods that are now standard for all weatherization in the state. He received the Virginia Energy Award for this work, and he also received the national William and June Dale Award for excellence in urban and regional planning. His textbooks have sold more than 16,000 copies in the U.S. and abroad.