

## Ryan M. Colker, J.D

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### **Education and Training:**

The George Washington University	Law	J.D., 2001
University of Florida	Environmental Policy (with Honors)	B.A., 1998

### **Research and Professional Experience:**

Director, Consultative Council/Presidential Advisor National Institute of Building Sciences, Washington, DC	3/2010-Present
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Established by the U.S. Congress, the Institute serves as an authoritative source of solutions for the built environment. At the Institute, I am responsible for leading the development of findings and recommendations on behalf of the entire building community and transmitting those recommendations to Congress and the Administration. I also serve as an advisor to the president of the Institute on strategic issues. Also, I direct the Council on Finance, Insurance and Real Estate; Sustainable Buildings Industry Council; National Council of Governments on Building Codes and Standards; and Off-Site Construction Council.

Manager of Government Affairs American Society of Heating, Refrigerating and Air-conditioning Engineers, Washington, DC	10/2007-3/2010
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ASHRAE is a 52,000 member international professional society interested in building related issues including indoor environmental quality and energy efficiency. I contributed to the development of a robust government affairs program. I assisted in the formation of the High-Performance Building Congressional Caucus and contributed to the development and piloting of the Building Energy Quotient, ASHRAE's building energy labeling program.

Director of Programs Renewable Natural Resources Foundation, Bethesda, MD	6/2001-10/2007
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RNRF is a 14-member consortium of professional and scientific organizations interested in natural resource related issues. The Foundation focused on the use of interdisciplinary science to solve natural resource problems. I served as the lead staff member in charge of program development and execution.

### **Select Publications:**

Colker, R.M., "Advancing Achievement of Outcomes through Certified Prescriptive Packages," Proceedings of the 2016 ACEEE Summer Study in Energy Efficiency in Buildings, August 2016.

Martin, J., Papamicheal, K., Colker, R.M., "A Radical Proposal: Simplify Codes by Relying on Professional Competence and Outcomes," Proceedings of the 2016 ACEEE Summer Study in Energy Efficiency in Buildings, August 2016.

Colker, R.M., ed., *Financing Energy-Efficiency and Renewable-Energy Projects: Public Equity Instruments: An Analysis of REITs, MLPs and Yieldcos*, January 2016.

Multihazard Mitigation Council, Council on Finance, Insurance and Real Estate, *Developing Pre-Disaster Resilience Based on Public and Private Incentivization*, October 2015 (contributor)

Brashear, J., Scalingi, P., and Colker, R.M., *A Business Process Engineering Approach to Managing Security and Resilience of Lifeline Infrastructures*, July 2015.

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Colker, R.M., and Frankel, M., "Evolving Energy Codes to Address Contemporary Challenges," *Journal of the National Institute of Building Sciences*, June 2015.

Frankel, M., Edelson, J., and Colker, R.M., *Getting to Outcome-Based Building Performance: Report from a Seattle Summit on Performance Outcomes*, May 2015.

Colker, R.M., ed., *Financing Small Commercial Building Energy Performance Upgrades: Challenges and Opportunities*. Council on Finance, Insurance and Real Estate, January 2015.

Colker, R.M., "Protecting Health, Safety and Welfare in a Changing Buildings Industry," *Journal of the National Institute of Building Sciences*, December 2013.

Colker, R.M., "Are Buildings So Easy a Monkey Can Do It? Why a Systems Approach is Necessary," *The NEBB Professional*, December 2012.

Colker, R.M., Conover, D., and Ryan, T., "Rethinking Compliance Verification," *DesignIntelligence*, September/October 2012.

Colker, R.M., *Data Needs for Achieving High-Performance Buildings*, National Institute of Building Sciences, December 2011.

Smith, D., Colker, R.M., "Why High Performance Buildings Require Building Information Modeling," *NEMA electroindustry*, August 2011.

Colker, R.M., "Spotlight on Data Needs for Commercial Buildings," *Zero Energy Commercial Buildings Consortium Newsletter*, July 2011.

Colker, R.M., ed., *Moving Forward: Findings and Recommendations from the Consultative Council*, National Institute of Building Sciences, 2011, 2012, 2013, 2014, 2015.

Colker, R.M., Hewitt, D., and Henderson, J., "Developing Effective Codes and Standards for Net-Zero Energy Buildings," *Building Design+Construction White Paper: Zero and Net-Zero Energy Buildings and Homes*, March 2011, pg. 36-41.

Colker, R.M., "Outcome-Based Codes: Answering the Preliminary Questions," *Proceedings of the World Energy Engineering Congress*, December 2010.

Colker, R.M., "Washington Report," *ASHRAE Journal*, Ongoing Column, December 2007-March 2010.

Colker, R.M., Day, R.D. eds., "Building Capacity for Coastal Solutions," *Renewable Resources Journal*, Renewable Natural Resources Foundation, Spring 2005.

### **Professional Activities:**

American Association for Laboratory Accreditation, Board of Directors, 2015-present

Green Building Task Force Member, Commission on Environmental Cooperation, 2012-2015

Building Owners and Managers Association, 360 Program Advisory Committee, 2014-present