

# T6S9: High Performing Buildings Thought Leaders Panel



## High Performing Buildings Thought Leaders

Brendan Owens, USGBC • Ryan Coalker, NIBS

Rachel Romero, NREL, ASHRAE

Dain Hansen, IAPMO • Kevin Kampschroer, GSA

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# T6S9: High Performing Buildings Thought Leaders Panel

- This prestigious panel will answer your questions on designing, renovating, and maintaining your high performance buildings. This interactive session will cover technologies, strategies, certification programs, and project delivery methods for success in federal projects for high performance buildings. Bring your questions for the experts.

# Questions

1. How do HPBs perform differently than conventional buildings?
2. Where is the industry headed? Where will it be in 5-10 years? What steps will get us there?
3. How does everyone work together to drive efficient policies?
4. What silos do you see that are preventing the adoption of HPB best practices and what do you think is the best way to break them down?
5. Provide an example where the federal government has created a HPB, either with a new building or deep green retrofit.
6. What is the role of the government in HPBs?

# Ryan Colker, NIBS



- Director of the Consultative Council and Presidential Advisor at the National Institute of Building Sciences
- He is 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.
- He also serves as staff director of the Council on Finance, Insurance and Real Estate; the National Council of Governments on Building Codes and Standards; the Off-Site Construction Council and the Sustainable Building Industry Council.
- Prior to joining the Institute, he served as Manager of Government Affairs for the American Society of Heating, Refrigerating and Air-conditioning Engineers (ASHRAE) where he contributed to the development of a robust government affairs program.
- Previously, Colker served as the Program Director of the Renewable Natural Resources Foundation, where he was the lead staff member in charge of interdisciplinary programs for a 14-member consortium of natural resource professional and scientific organizations.



- High Performance Building Council 2007-2017  
[https://www.nibs.org/?page=hpbc\\_resources](https://www.nibs.org/?page=hpbc_resources)

# Dain Hansen, IAPMO



- Senior Vice President of Government Relations at the International Association of Plumbing and Mechanical Officials (IAPMO®)
- Chair High-Performance Building Congressional Caucus Coalition
- Hansen has overseen the creation and development of IAPMO's Washington, D.C., office, including the organization's legislative and regulatory initiatives.
- Prior to joining IAPMO, Hansen worked for the National Electrical Manufacturers Association, and before that he worked on Capitol Hill as a senior policy adviser.



## International Association of Plumbing and Mechanical Officials

HPBCCC (<http://hpbccc.org>) is a private-sector coalition comprised of approximately 200 organizations that provides guidance and support to the High-Performance Buildings Caucus of the U.S. Congress.

# Rachel Romero, NREL, ASHRAE



- Energy engineer at the National Renewable Energy Laboratory (NREL) in the Integrated Applications Center.
- Competition manager for the U.S Department of Energy Race to Zero Student Design Competition.
- ASHRAE Presidential Elect Advisory committee.
- Named ASHRAE 2016 New Faces of Engineering.
- As a Project Leader for the Department of Homeland Security's energy management program through NREL, she has provided energy efficiency and renewable energy technical assistance for DHS labs and sites as well as for iconic federal buildings around Washington D.C.



- NREL is the U.S. Department of Energy's primary national laboratory for renewable energy and energy efficiency research and development.
- NREL is operated for the Energy Department by The Alliance for Sustainable Energy, LLC.
- Visit NREL online at [www.nrel.gov](http://www.nrel.gov)



Shaping Tomorrow's  
Built Environment Today

- ASHRAE, founded in 1894, is a global society with more than more than 56,000 members committed to shaping tomorrow's built environment today.
- ASHRAE focuses on improving building systems, energy efficiency, indoor air quality, refrigeration and sustainability through research, standards writing, publishing, certification and continuing education.
- For more information and to stay up-to-date on ASHRAE, visit [www.ashrae.org/news](http://www.ashrae.org/news).

# Kevin Kampschroer, GSA



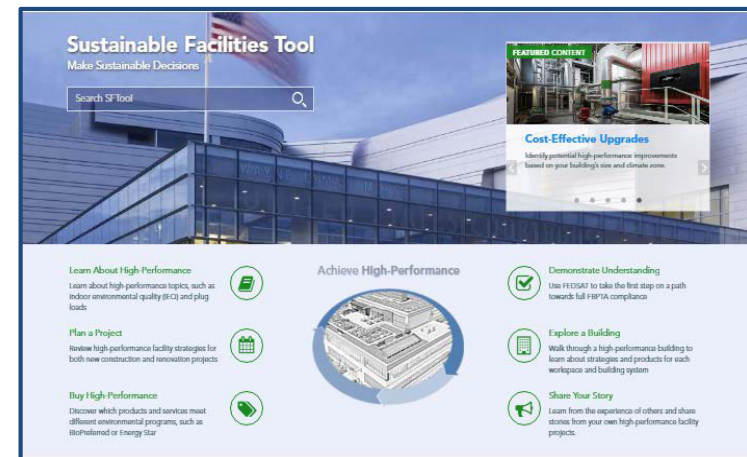
- Federal Director, Office of Federal High-Performance Buildings, in the US General Services Administration
- His work on the American Recovery and Reinvestment Act accomplished the mandate to move GSA's Federal building inventory toward high-performance buildings.
- His goal is to influence and accelerate industry capability and adoption of high-performance principles across all aspects of asset creation, operation, maintenance and disposal. He leads GSA's effort to manage incremental weather and climate-related risks in prudent federal investments for public safety, health and security.
- Mr. Kampschroer led the creation of real estate portfolio management; the establishment of performance measures linked to pay and budget; and was the project manager for the Ronald Reagan Federal Building and Trade Center, then the second largest office building in the United States (344 M2 ).

# Office of Federal High-Performance Buildings

Buildings exist to support the people who work in them. Our work is to improve federal buildings (assets, operations, use, and resilience) to enhance human health and performance, and safeguard social, economic, and environmental security.

*OFHPB was established under the Energy Independence and Security Act of 2007 (§436)*

- GSA Office of Federal High Performance Buildings  
[www.gsa.gov/hpb](http://www.gsa.gov/hpb)
- SFTool.gov
- ESPC Charrette Reports and Case Studies  
[www.rmi.org/gsaretrofits](http://www.rmi.org/gsaretrofits)



# Brendan Owens, USGBC



- Chief of Engineering, U.S. Green Building Council
- Brendan oversees technical development and integration of rating systems at USGBC. In this role Brendan collaborates with teams developing LEED, PEER and other rating systems and led the team that established the over-arching system goals for LEED v4. He is currently working to integrate this thinking into the other programs USGBC collaborates with.
- Brendan is a member of the integration committee working to align Standard 189.1, the IgCC and LEED.
- Brendan is a proud Boilermaker, a licensed Professional Engineer and was honored as a LEED Fellow in 2012.



- The Business Case for Green Building: A Review of the Costs and Benefits for Developers, Investors and Occupants.”  
<http://www.worldgbc.org/activities/business-case/>