

Curriculum Vitae

Thomas E. Bowman

Education

- 1984 Master of Arts – Religion: Social Ethics, School of Religion, University of Southern California, Los Angeles, California
- 1978 Bachelor of Arts – Fine Art, Johnston College, University of Redlands, Redlands, California

Positions Held

- 2009 – Founder and President, Bowman Global Change, Signal Hill, California
- 2008 – Founder and Director, Climate Solutions Project, Signal Hill, California
- 1988 – Founder and President, Bowman Design Group, Signal Hill, California
- 1985 – 1988 Project Manager, The Siodmak Company, Pasadena, California
- 1984 – 1985 Project Manager, Rogow+Bernstein, Hollywood, California

Publications

- Bowman, T. (2011). Corporate social responsibility in a changing climate. *CW Bulletin, International Association of Business Communicators*, June 2011.
<http://www.iabc.com/cwb/archive/2011/0611/Bowman.htm>.
- Bowman, T. (2010). Global warming shown scientific fact. *Gazettes.com*, December 2, 2010.
http://www.gazettes.com/opinion/article_2e34f4de-fe67-11df-a753-001cc4c002e0.html
- Bowman, T., Maibach, E., Mann, M.E., Somerville, R.C.J., Seltser, B.J., Fischhoff, B., Gardiner, S.M., Gould, R.J., Leiserowitz, A., Yohe, E. (2010). Time to take action on climate communication. *Science*, 330, 1044,
- Bowman, T. (2010). How one small business cut energy use and costs. *Yale Environment 360*, October 7, 2010.
- Bowman, T. (2010). Climate change communication strategies for public audiences. *Climate Change Communication and Collaboration: Translating Awareness into Collective Action (conference proceedings)*, June 16, 2010.

- Bowman, T. (2010). Living in a glass house: an eco-communicator tests sustainability in his office and finds surprisingly easy, cost-effective ways to make dramatic changes. *SEGD Design*, 28, 65-7.
- Bowman, T. (2010). Defending state environmental law. *Los Angeles Business Journal*, May 3, 2010.
- Bowman, T. (2009). Small steps can shrink carbon footprint. *The Sacramento Bee*, Nov. 17, 2009, 23A.
- Bowman, T. (2009). Which climate questions are most urgent? *Climate Change Education Weblog*. http://weblog.emu.dk/roller/teacherscop15/entry/which_climate_questions_are_most
- Bowman, T. (2009). A turning point in climate change communication priorities. *International Journal of Sustainability Communication* 4, 64-77.
- Bowman, T., Maibach, E., Mann, M.E., Moser, S.C., Somerville, R.C.J. (2009). Creating a common climate language. *Science*, 324, 36-7.
- Bowman, T. (2008-11). Ask Mr. Green. *Exhibitor Magazine Online*, monthly. <http://www.exhibitoronline.com/topics/greenexhibiting.asp>
- Bowman, T. (2008). Summary report: A meeting to assess public attitudes about climate change. http://www.climatechangecommunication.org/resources_center.cfm
- Bowman, T. (2008). Climate change: The conversation we haven't had. *Pacific Currents*, 12, 8-11.
- Bowman, T. (2008). Global climate change: How will it affect us and the ocean? *Pacific Currents*, 12, 6-7.
- Bowman, T. (2008). The green team: Overcoming the real obstacles to going green is easier when you have a team. *The Sustainable Enterprise Report, 2008*. Vancouver: Deloitte & Kyoto Publishing. <http://www.awarenessintoaction.com/>
- National Oceanic and Atmospheric Administration Climate Program Office (Ed.). (2007). *Climate Literacy: Essential Principles and Fundamental Concepts*. Washington: National Oceanic and Atmospheric Administration. <http://www.climate.noaa.gov/>
- Bowman, T., Chabay, I., Hackley, E., Redmond-Jones, B., Stewart, B. (2006). Exhibits: Images, impressions, and hands-on interaction with the ocean. In Monroe, C., Lau, A., Schubel, J. & Cassano, E. (Ed.), *Public Ocean Literacy: Making Ocean Science Understandable* (pp. 1-14). Long Beach: Aquarium of the Pacific.

Grants

- 2008 National Oceanic and Atmospheric Administration and the George Mason University Center for Climate Change Communication grant for a meeting to assess public attitudes about climate change.
- 2008 Centers for Disease Control and Prevention grant for an interdisciplinary planning workshop on climate change communication and public intervention.

Honors

- 2011 Green Good Design Award
- 2010 Alliance to Save Energy Star of Energy Efficiency Honorable Mention
- 2010 Event Design Awards for museum permanent installations
- 2009 CoolCalifornia.org Small Business of the Year Award
- 2009 Tradeshow Week Green Innovation Award
- 2009 Trade Show Exhibitors Association creates the Tom Bowman Green Award
- 2009 Buckminster Fuller Challenge finalist for the Climate Solutions Project
- 2008 Event Design Awards for museum environments
- 2007 Event Design Awards for museum environments
- 2006 International Academy of Communication Arts and Sciences Mercury Excellence Award for commercial exhibits
- 2004 International Academy of Communication Arts and Sciences Galaxy Award for museum environments

Invited Workshops

- 2011 "Ignite! Museums as Catalysts for Sustainability," California Association of Museums, Long Beach, California.
- 2011 "The Green Exhibiting Guide" and "Brands: Positioning Your Company to Win," Red Diamond Congress, Trade Show Exhibitors Association, Orlando, Florida.
- 2010 "Communicating Climate Change Adaptation Roundtable," Interagency Climate Change Adaptation Task Force, The White House Council on Environmental Quality, Washington, District of Columbia.

- 2010 "Workshop on Climate Change Education for the Public and Decision Makers," The National Academies Board on Science Education, Washington, District of Columbia.
- 2010 "Clean Business and Job Opportunities in Los Angeles County: What's Happening and What's Needed," Select Committee on Climate Change and AB 32 Implementation, California State Senate, Woodland Hills, California.
- 2010 "Climate Change Communication and Collaboration: Translating Awareness into Collective Action," MODUL University, Vienna, Austria.
- 2010 "National Science Foundation Climate Change Communications Project Workshop," National Science Foundation, Arlington, Virginia.
- 2010 "Climate Change Education: Building a Community of Practice," National Council for Science and the Environment, Washington, District of Columbia.
- 2010 "Conference on Promoting Climate Literacy Through Informal Science," American Association for the Advancement of Science, San Diego, California.
- 2009 "Ocean On The Edge National Workshop." Aquarium of the Pacific, Long Beach, California.
- 2009 "Sustainability Communication Skill-building Workshop." University of California, Davis, Davis, California. Sponsored by the University of California, Davis sustainability committee.
- 2008 "The Public Health Response to Climate Change: Effective Health Communication and Marketing," Fairfax, Virginia. Sponsored by the Centers for Disease Control and Prevention and the George Mason University Center for Climate Change Communication Research at George Mason University.
- 2005 "Public Ocean Literacy: What Residents of Southern California Should Know," Long Beach, California. Sponsored by the Consortium for Oceanographic Research Education and the Aquarium of the Pacific.

Invited Addresses

- 2011 Invited Panelist, "Climate Change Communications Post Cap & Trade Debate," BNA Webinar.
- 2011 Invited Address, "How to Benefit from Climate Action: A Guide for Small Businesses," California Center for Sustainable Energy, San Diego, California.
- 2011 Webinar Host, "Addressing Climate Change with Children and Youth," Candid Conversations, Climate Interpreter, Monterey, California

- 2011 Invited Address, "Lost and Found: Who Should We Be Talking To? What Should We Be Saying?" Carbon Smarts Conference, Lowell, Massachusetts.
- 2011 Invited Address, "Efficiency, Carbon Abatement, and Improving the Bottom Line: A Case Study of Award-Winning Results." International Green Energy Economy Conference, Washington, District of Columbia.
- 2011 Invited Address, "Efficiency, Carbon Abatement, and Improving the Bottom Line: A Case Study of Award-Winning Results." West Coast Energy Management Conference, Long Beach, California.
- 2011 Invited Panelist, "Please, No More About Vanishing Rainforests or Stranded Polar Bears." International Association of Business Communicators World Conference, San Diego, California.
- 2011 Invited Panelist, "Improving SME Competitiveness through Sustainable Business Practices." Asia Pacific Economic Cooperation Conference, Big Sky, Montana.
- 2011 Invited Webinar, "Brands and Environmental Issues." The Climate Registry.
- 2011 Invited Address, "Mr. Green's Practical Guide to Green Exhibiting." Exhibitor Show, Las Vegas, Nevada.
- 2011 Webinar Host, "Can You Hear Me Now? Connecting with Global Warming's Six Americas." Candid Conversations, Aquariums and Climate, Monterey, California.
- 2011 Interview, "Industry Leader Interview: Tom Bowman Helps Small Businesses Save Big on Energy." Alliance to Save Energy website.
- 2011 Invited Address, "Energy Efficiency is Good Business." Great Energy Efficiency Day, Washington, District of Columbia.
- 2011 Interview, "Climate Messages May Be All Wrong." Marketplace, National Public Radio.
- 2011 Invited Address, "Efficiency, Carbon Abatement, and Improving the Bottom Line: A Case Study of Award Winning Results." Energy, Utility and Environment Conference, Phoenix, Arizona.
- 2011 Invited Address, "Going Green is Good for Business." International Conference on Environmental, Cultural, Economic and Social Sustainability, Waikato University, Hamilton, New Zealand.
- 2010 Webinar Host, "How Green is Your Institution?" Candid Conversations, Aquariums and Climate, Monterey, California.

- 2010 Invited Address, "The Likely Consequences of Fiddling While Fossil Fuels Burn." Aquatic Academy, Aquarium of the Pacific, Long Beach, California.
- 2010 Invited Address, "Going Green is Good for Every Business." Clean Business and Job Opportunities in Los Angeles County: What's Happening and What's Needed, Pierce College, Woodland Hills, California.
- 2010 Invited Address, "Proposition 23 and California's Climate Change Solutions Act (AB 32)." University of Redlands, Redlands, California.
- 2010 Interview, "Climate Change and the California Election." Foreign Press Centers, U.S. Department of State, Los Angeles, California.
- 2010 Interview, "Sustainability, Evolutionary Universal Technologies and the Rebirth of Our World," with Dr. Naomi Oreskes. In Discussion with David Gibbons, VoiceAmerica.com.
- 2010 Invited Address, "Communicating Climate Science in a Competitive Environment." National Science Foundation, Arlington, Virginia.
- 2010 Webinar Host, "Climate Change and the Gulf Oil Spill." Candid Conversations, Aquariums and Climate, Monterey, California.
- 2010 Invited Panel, "California Global Warming Solutions Act of 2006 (AB 32): Pros and Cons." Los Angeles Harbor Association for Industry and Commerce, San Pedro, California.
- 2010 Invited Address, "Design for the Moment: What Sustainable Design Looks Like." Annual Sustainability Conference, Fashion Institute of Technology, New York, New York.
- 2010 Invited Address, "Is AB 32 Good for Business? An Eye-opening Experiment." Municipal Green Building Conference and Expo. Downey, California.
- 2010 Invited Address, "Small Business Slashes CO₂ Emissions." Sanctuary Currents Symposium, Monterey Bay National Marine Sanctuary, Monterey, California.
- 2010 Interview, "Psychology of Leadership, Organizational Transformation, and Climate Change Communication Strategies" with Dr. Cleve Stevens. In Discussion with David Gibbons, VoiceAmerica.com.
- 2010 Invited Address, "Go Green Profitably: The Business Case for Slashing Carbon Emissions." Chamber of Commerce, Signal Hill, California.
- 2010 Invited Address, "Mr. Green's Practical Guide to Green Exhibiting." Exhibitor Show, Las Vegas, Nevada.
- 2010 Interview, "An Environmental Footprint: Climate Change Communication Strategies." In Discussion with David Gibbons, VoiceAmerica.com.

- 2010 Invited Address, "Translating Scientific Conclusions about Climate Risk for Public Audiences." Conference on Promoting Climate Literacy through Informal Science, American Association for the Advancement of Science, San Diego, California.
- 2010 Invited Panelist, "Ensuring the Future of Humans on Earth is a Design Problem." 5D event, Long Beach, California, and In Discussion with David Gibbons, VoiceAmerica.com.
- 2010 Interview, "Local Edition." Charter Cable on CNN Headline News, Los Angeles, California.
- 2009 Invited Webinar, "Copenhagen: An Insider's View." Candid Conversations, Aquariums and Climate, Monterey, California.
- 2009 Invited Address, "Translating Scientific Conclusions about Risk for Public Audiences." American Geophysical Union, San Francisco, California.
- 2009 Invited Webinar, "Introduction to Copenhagen: The COP15 climate change negotiations." Aquariums Communicating about Climate Change Series, Monterey Bay Aquarium, Monterey, California.
- 2009 Invited Panelist, "The Impact of Climate Legislation on Small Business." Sustainable Business Council, Los Angeles, California.
- 2009 Invited Address, "Creative Renewal." Event Design Summit, Hollywood, California.
- 2009 Invited Address, "Communicating Environmental Issues to the Public." Monterey Bay Aquarium, Monterey, California.
- 2009 Invited Address, "Communication and Interaction: New Directions in Exhibition and Environment Design." Society of Environmental Graphic Designers - Cranbrook Institute, Bloomfield, Michigan.
- 2009 Invited Address, "Communicating Sustainability Science." The Power of Design: Energy and Sustainability lecture series, University of California, Davis, Davis, California.
- 2009 Invited Address, "We Know Something Must Change. But Where Do We Begin?" Exhibit Resources, Raleigh, North Carolina.
- 2009 Invited Address, "The Right Way to Implement a Green Exhibit Program," Exhibitor Show, Las Vegas, Nevada.
- 2009 Invited Address, "Big Show, Small Footprint," Professional Convention Management Association Annual Meeting, New Orleans, Louisiana.

- 2009 Invited Address, "Global Warming," Johnston Center for Integrative Learning, University of Redlands, Redlands, California.
- 2008 Invited Address, "The Green Exhibit House," Exhibit Designers and Producers Association Annual Conference and Supplier Showcase, Miami, Florida.
- 2008 Invited Address, "What is Green Exhibiting?" Exhibit Designers and Producers Association Southeast Chapter, Atlanta, Georgia.
- 2008 Invited Address, "What is Green Exhibiting?" Exhibit Designers and Producers Association Northern California Chapter, San Francisco, California.
- 2008 Invited Address, "Getting Eco-profitable," Event Design Summit, Hollywood, California.
- 2008 Invited Address, "Communicating the Public Health Aspect of Climate Change," American Public Health Association Annual Meeting, San Diego, California. Sponsored by the Centers for Disease Control and Prevention.
- 2008 Invited Address, "The Green Imperative" Exhibit Marketing Institute, Norwalk, Connecticut.
- 2008 Invited Address, "What Is Green Business?" Trade Show Exhibitors Association Masters Retreat, Baltimore, Maryland.
- 2008 Invited Address, "What Is Green Business?" Art Guild-Avalon 13th Annual Interface, New Castle, Delaware.
- 2008 Invited Address, "Green City Priorities," Sustainable City Committee, City of Signal Hill, California.
- 2008 Invited Address, "Green City Planning," City Council, City of Signal Hill, California.
- 2008 Invited Address, "Public Attitudes about Energy and the Environment," National Governors Association, Washington, DC.
- 2008 Invited Address, "Beyond the Design: Turning Your Business into an Eco-profitable Operation," Green Event Summit, San Francisco, California.
- 2008 Invited Address, "How Do I Get To Green?" Exhibitor Show, Las Vegas, Nevada.
- 2008 Invited Address, "Choosing Our Future: California & Global Climate Change," Redlands High School, Redlands, California.
- 2008 Invited Address, "Choosing Our Future: Climate Change in California," University of Redlands, Redlands, California.
- 2008 Invited Address, "Responding to Climate Change: An Integrative Approach,"

- Johnston Center for Integrative Learning, University of Redlands, Redlands, California.
- 2008 Invited Address, "Choosing Our Future: How Do I Get to Green?" Exhibit Designers and Producers Association Southern California Chapter, Anaheim, California.
- 2008 Interview, "Sustainable Business and Global Warming Exhibitions," Interpretive Exhibits Listening Lounge, Salem, Oregon.
- 2008 Interview, "Policy and Technology Alternatives for Controlling Climate Change and its Impact Globally and in California," Aquarium of the Pacific, Long Beach, California.
- 2007 Invited Address, "Going Green," Trade Show Exhibitors Association Masters Retreat, Tucson, Arizona.
- 2007 Invited Address, "Challenges and Opportunities for Going Green," Exhibit Designers and Producers Association Annual Conference and Supplier Showcase.
- 2007 Invited Address, "How Do We Know What We Know?" Association of Science Technology Centers, Los Angeles, California. Sponsored by National Oceanic and Atmospheric Administration.
- 2007 Invited Address, "California & Climate Change," Aquarium of the Pacific, Long Beach, California.
- 2007 Invited Address, "Choosing Our Future: The Climate Challenge," Sierra Club Pasadena Group, Pasadena, California.
- 2007 Invited Address, "Choosing Our Future: The Climate Challenge," South Pasadena High School, South Pasadena, California.
- 2007 Invited Address, "Communicating Authentic Science," Seminar on Oceanography, Art Center College of Design, Pasadena, California.
- 2006 Invited Address, "Ten Questions for More Effective Exhibits and Events," Exhibitor Show, Las Vegas, Nevada.
- 2006 Invited Address, Trade Show Exhibitors Association Masters Retreat, San Diego, California.
- 2004 Invited Address, "Identity Marketing," Exhibitor Show, Las Vegas, Nevada.
- 2004 Invited Address, Katherine Green Lecture Series, Johnston Center for Integrative Learning, University of Redlands, Redlands, California.
- 2003 Invited Address, "Identity Marketing," Exhibitor Show, Las Vegas, Nevada.

- 2003 Invited Address, "Brand Marketing and Design," Exhibit Marketing Institute, St. Louis, Missouri.
- 2002 Invited Address, "Identity Marketing," Exhibitor Show, Las Vegas, Nevada.
- 2001 Invited Address, "Looking Through Your Customers' Eyes: Design with Your Customer In Mind," Exhibit Marketing Institute, Chicago, Illinois.
- 2001 Invited Address, "Identity Marketing," Exhibitor Show, Las Vegas, Nevada.
- 2000 Invited Address, "Looking Through Your Customers' Eyes: Design with Your Customer In Mind," Exhibit Marketing Institute, Dallas, Texas.
- 2000 Invited Address, "Identity Marketing," Exhibitor Show, Las Vegas, Nevada.
- 1999 Invited Address, "Identity Marketing," Exhibitor Show, Las Vegas, Nevada.

Exhibitions

- 2011 "The Rising Sea," Aquarium of the Pacific, Long Beach, California.
- 2011 "Arctic & Antarctic: Our Polar Regions in Peril," Aquarium of the Pacific, Long Beach, California.
- 2010 "Smart Energy Experience™," Southern California Edison, Irwindale, California.
- 2010 "Sea Otters," Aquarium of the Pacific, Long Beach, California.
- 2008 "Ocean On The Edge: Top 10 Ocean Issues," Aquarium of the Pacific, Long Beach, California.
- 2008 "Gulf of California: The Sea of Cortés," Aquarium of the Pacific, Long Beach, California.
- 2007 "Feeling the Heat: The Climate Challenge," Birch Aquarium at Scripps Institution of Oceanography, La Jolla, California.
- 2007 "Infectious Disease: Evolving Threats to Human Health," Marian Koshland Science Museum of the National Academy of Sciences, Washington, DC.
- 2005 "Frameworks for Science Literacy," NASA Jet Propulsion Lab, Pasadena, California.
- 2005 "Integrated Solutions Center," Northrop Grumman Corporation, Arlington, Virginia.

- 2005 "Edison Energy Centers," Southern California Edison Company, Irwindale and Tulare, California.
- 2004 "Global Warming: Facts & Our Future," Marian Koshland Science Museum of the National Academy of Sciences, Washington, DC.
- 2004 "Putting DNA To Work," Marian Koshland Science Museum of the National Academy of Sciences, Washington, DC.
- 2004 "Wonders of Science," Marian Koshland Science Museum of the National Academy of Sciences, Washington, DC.
- 1994 "Energy Resource Center," Dayton Power & Light, Dayton, Ohio.
- 1994 "SoccerFest," World Cup USA 1994, Los Angeles, California.
- 1992 "Energy Technology Application Center," Commonwealth Edison, Oakbrook, Illinois.
- 1992 "Lighting Education Center," Customer Technology Application Center, Southern California Edison Company, Irwindale, California.
- 1990 "EMF Education Center," Customer Technology Application Center, Southern California Edison Company, Irwindale, California.

Professional Associations

- American Association for the Advancement of Science
- American Geophysical Union
- American Public Health Association
- Exhibit Designers and Producers Association
- Society of Environmental Graphic Designers
- Professional Convention Managers Association
- California Business Climate Network
- California Business Alliance for a Green Economy

Contact

- Email: tom@bowmanglobalchange.com
- Web: www.bowmanglobalchange.com
- www.bowmandesigngroup.com