“AFTER SUPERSTORM SANDY: DEVELOPING ECONOMIC INCENTIVES FOR
ADVANCING INFRASTRUCTURE RESILIENCE”

A Symposium in Philadelphia on March 21, 2014 co-organized by
Northeastern University’s Center for Resilience Studies &
Wharton Risk Management and Decision Processes Center, University of Pennsylvania

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Benjamin Collier's research and field work pertain to addressing the constraints to investment in developing and emerging economies created by natural disaster and climate risk. For example, Dr. Collier has worked most extensively in Peru where he has built capacity in a variety of financial institutions through direct collaboration regarding natural disaster risk assessments and stress test modeling. As a result of this work, one of the most highly respected microfinance institutions in Latin America is now insuring against extreme El Niño events, allowing it to expand financial access sustainably in vulnerable regions of Peru. At the Wharton Risk Center, Dr. Collier studies community flood resilience with a specific focus on the strength of local financial markets and small and medium enterprise vulnerability. Dr. Collier's doctorate is in agricultural economics from the University of Kentucky. He also holds master's degrees in economics and psychology.
Lawrence Conway
Manager, Mitigation, Response & Recovery
Public Safety Canada

Lawrence Conway has been with the Federal Public Service for 22 years. Currently with Public Safety Canada (Emergency Management) since 2008, coming from the Afghanistan Task Force with the Government of Canada’s Privy Council Office. Prior to that spent two years with the Public Safety and Anti-Terrorism area of the Treasury Board Secretariat, and before that, spent four years as an advisor with the Vice Chief of Defense Staff with the Department of National Defense. Born and raised in Edmonton, Alberta and studied Criminology at the University of Alberta.

John Drobny
Former Director, Security Project Management
Port Authority of New York & New Jersey

John J. Drobny served the Port Authority for nearly 45 years. During his tenure, his roles included Director, Security Transition Office/Acting Director of Security for the World Trade Center, Assistant General Superintendent of PATH, Assistant Director of the Interstate Transportation Department, Director of the former Project Management Department, Acting Director of Technology Services, and Assistant Manager of the Operations Standards Division. He led the agency in the realization of several major initiatives including the management of the agency’s Capital Security Program, and various security initiatives for the redevelopment of the World Trade Center site and the re-organization and centralization of the agency’s various Project Management functions. He was responsible for oversight of the development and execution of the innovative Intelligent Transportation System at the agency’s tunnels, bridges and terminal facilities and was instrumental in shaping the Port Authority’s strategic and capital plan process by highlighting critical challenges, questioning traditional approaches and offering novel solutions. He was awarded the Individual Exceptional Service Award for his extraordinary level of service following the aftermath of September 11, 2001; the Robert F. Wagner Distinguished Public Service Award in 2004 for his exemplary service to the agency; and the James G. Hellmuth Unit Citation Award in 2004 for the Tunnels, Bridges and Terminals Hazard Mitigation FEMA Grant Project which secured more than $100 million of federal funding the agency.

Chris Dubay
Vice President, Codes and Standards, and Chief Engineer
National Fire Protection Association

Christian Dubay is vice president and chief engineer for the National Fire Protection Association (NFPA). In this role, he oversees the codes and standards operations including electrical engineering, fire protection systems engineering, industrial and chemical engineering, public fire protection, and building fire protection and life safety. In addition, he oversees NFPA's codes and standards administration which is responsible for the development process of the 300+ fire safety codes and standards that comprise the national fire codes. Dubay also serves as the chief technical spokesperson for the association. Christian Dubay holds a BS in Fire Protection Engineering from the University of Maryland. He is a registered professional engineer in the states of Connecticut and Massachusetts and is a member of the Society of Fire Protection Engineers. Prior to joining NFPA, Mr. Dubay worked as a Fire Protection Engineer for the U.S. Navy and as a research assistant for the University of Maryland's Fire Protection Engineering Department. Mr. Dubay also served as a fire fighter and emergency medical technician for 10 years in Connecticut and Maryland.
Stephanie Durand  
Director General  
Emergency Management Policy and Planning Directorate  
Public Safety Canada

Since June 2013, Stéphanie is the Director General, Policy and Outreach Directorate. She is responsible for leading emergency management policies for the Government of Canada, working in close collaboration with various stakeholders and all levels of government. From September 2008 to May 2013, Stéphanie was the Director General of Communications for Public Safety Canada. She was responsible for heading the communications function for the department, including providing strategic communications advice, managing advertising and marketing programs, overseeing public affairs and media relations, organizing ministerial events as well as leading whole-of-government emergency and crisis communications for the Government of Canada. Prior to that, Stéphanie was the Associate Director General for Communications and the Director of Public Affairs for Public Safety Canada. Previously, Stéphanie worked for eight years at the Treasury Board Secretariat where she was the Director of Corporate Communications from April 2003 to May 2006. She was responsible for internal communications, publishing, outreach and web management. Prior to that, Stéphanie held a variety of senior communications positions at the Treasury Board Secretariat with increasing responsibilities, including Manager of Corporate Communications, Manager of Parliamentary Affairs and Senior Communications Strategist. Before joining the Public Service of Canada in 1998, Stéphanie also worked for two years in Singapore in events planning, international marketing and public relations. Stéphanie has extensive experience in leading government-wide efforts on horizontal files, including leading the public affairs response for G8-G20 on security and public safety files, 2010 Olympics security, high profile national security cases, and emergency management incidents. She also has considerable experience in working with various levels of government. She has led the overall communications activities of several Federal, Provincial and Territorial Ministers Meetings (on Justice and Emergency Management) and continues to chair several intergovernmental working groups. Stéphanie holds a Bachelor of Social Sciences Honours degree from the University of Ottawa and a Master of Public Administration (MPA) from Queens University.

Robert Easton  
Executive Deputy Superintendent  
State of New York Insurance Division

Robert H. Easton is the Executive Deputy Superintendent of the Insurance Division at the Department of Financial Services. In that capacity, he oversees the regulation of the life, health, and property and casualty insurance industries in New York. Mr. Easton joined DFS after serving as Deputy General Counsel, Chief Compliance Officer, and Risk Manager at Integro Insurance Brokers, a global insurance brokerage company based in New York City. Prior to that, Mr. Easton served as Deputy Superintendent and General Counsel at the New York State Department of Insurance, the predecessor agency of DFS. As chief legal officer, Mr. Easton advised on a wide array of policy matters, as well as all litigation involving the agency. Previously, Mr. Easton worked at the New York Attorney General’s office, where he served as Deputy Solicitor General in the Division of Appeals and Opinions to oversee all aspects of appellate litigation in suits brought by and against the State of New York. Mr. Easton also has worked as a commercial litigator at Sidley Austin. Mr. Easton earned a Bachelor of Arts degree in History from Johns Hopkins University, where he was Phi Beta Kappa, and a Juris Doctorate from the New York University School of Law.
Warren Edwards
Director
Community and Regional Resilience Institute

Warren Edwards is the Director of the Community and Regional Research Institute (CARRI) in Oak Ridge, Tennessee. CARRI is housed at the Meridian Institute where their partnership can leverage both organizations’ deep expertise in building collaborative foundations for resilience and stability. The mission of CARRI is to help develop and then share critical paths that any community or region may take to strengthen its ability to prepare for, respond to, and rapidly recover from significant man-made or natural disasters with minimal downtime of basic community, government, and business services. CARRI supports communities in their resilience building efforts and also works with state, regional, and national stakeholders to create incentives and support for community resilience. After retiring as a Major General from the United States Army and before joining UT-Battelle, Mr. Edwards served as the Chief Operating Officer for Oak Ridge Technology Connections (TechConnect), LLC. In that position he established the start-up business plan, the operating systems, policies, and business procedures for a high-technology consulting enterprise and brought them to full operating capability. Prior to TechConnect, Mr. Edwards was a Senior Director for CACI, Inc. in Atlanta, Georgia. In that capacity, he established the Atlanta operations office for CACI and managed a series of programs throughout the Southeast supporting the Department of Defense and other federal agencies. During his more than 30 years of military service, Mr. Edwards held numerous positions including, Deputy Commanding General, Coalition Land Component Command/3rd US Army, Operation Enduring Freedom (Afghanistan); Deputy Commanding General, 5th US Army; Assistant Division Commander, 2nd Infantry Division, Republic of Korea; and Chief of Staff, US Army Aviation Center and School, Fort Rucker, Alabama. Senior-level commands include the 4th Squadron, 7th Cavalry, 2nd Infantry Division, Republic of Korea and the 10th Aviation Brigade, 10th Mountain Division, Fort Drum, New York. Mr. Edwards also served as the Chief of the Operations Division, National Military Command System, the Joint Staff. Mr. Edwards graduated from the University of Richmond, Richmond Virginia and holds a Masters of Military Arts and Sciences from the US Army Command and Staff College and a Master’s of Science in International Studies from the US Naval War College. Mr. Edwards and his wife, Diane, currently reside in Oak Ridge, Tennessee and have one grown son, Joel.

Brig. General Meir Elran
Director
Homeland Security Program Institute for National Security Studies
Tel Aviv University

Meir Elran is a senior research fellow and the director of the Homeland Security Program and a co-director of the Society–Security Program of INSS. Elran joined the Jaffee Center for Strategic Studies in 2003, after he served in senior analytical, command. and staff positions in the IDF Directorate of Military Intelligence. His last post was the deputy director of MI (1987-1989). Following his retirement for the military Elran served as the chief of staff of the Tel Aviv municipality and afterwards as a senior consultant for strategic planning for several government offices, including the Ministry of Defense, the Ministry of Education, the Ministry of Internal Security and the National Security Council, where he focused on social issues relating to the national security. Elran's main areas of research are homeland security and societal resilience in face of protracted terror. He is also engaged in the connection between the social domestic aspects of Israel and its defense doctrine and practice. He has published numerous papers on these subjects and edited several memoranda and volumes, among these: Societal Resilience (with Alexander McLellan, published in 2012 by the Homeland Security and Analysis Institute in the U.S.). Elran was (2009) an International Fellow with the US NDU's Near East and South Asia Strategic Studies Center, where he produced a comparative research study on chaos management. Elran holds a BA from the Hebrew University in Jerusalem in Political Science and Middle East Studies (1965), and an MA from Indiana University in International Relations and Russian Studies (1970). He is presently working on his PhD at the Haifa University School of Political Science School, on measuring societal resilience.
Matthew Fleming
Fellow
Homeland Security Studies and Analysis Institute

Dr. Matthew H. Fleming is a Fellow with the Homeland Security Studies and Analysis Institute, a federally funded research and development center serving the U.S. Department of Homeland Security. He joined the institute from the U.S. Department of Defense, where for several years he directed a number of cybersecurity workstreams as a “Highly Qualified Expert” (HQE) within the Office of the Assistant Secretary of the Army for Acquisition, Logistics and Technology. An occasional consultant to the International Monetary Fund (where he worked earlier in his career on issues of financial crime control and also foreign exchange regimes), Fleming is also an adjunct professor at Georgetown University (where he teaches courses on risk management and strategy for the McCourt School of Public Policy, and net assessment for the McDonough School of Business). He holds a Ph.D. in Public Policy from the University of London (University College London); a Master of Public Policy from the University of Michigan (Ann Arbor); and a B.A. in American Studies from Yale University.

Stephen Flynn
Director, Center for Resilience Studies
Co-Director, George J. Kostas Research Institute for Homeland Security
Professor of Political Science, Northeastern University

Dr. Stephen Flynn is Professor of Political Science and the Founding Director of the Center for Resilience Studies at Northeastern University in Boston, Massachusetts. He is also Academic Director of Northeastern’s Master in Security and Resilience Studies Program and Co-Director of the George J. Kostas Research Institute for Homeland Security. Before arriving at Northeastern in the fall of 2011, he served as President of the Center for National Policy and spent a decade as a senior fellow for National Security Studies at the Council on Foreign Relations. In 2008 he served as the lead homeland security policy adviser for the Presidential Transition Team for President Barack Obama. Dr. Flynn was an active duty commissioned officer in the U.S. Coast Guard for 20 years, including two tours as commanding officer at sea. He is the author of “The Edge of Disaster: Rebuilding a Resilient Nation” (Random House, 2007), and “America the Vulnerable” (HarperCollins 2004). He is a Senior Research Fellow at the Wharton School’s Risk Management and Decision Processes Center at the University of Pennsylvania and serves as a member of the Bipartisan Policy Center’s Homeland Security Project, co-chaired by former 9/11 commissioners, Governor Tom Kean and Congressman Lee Hamilton. Flynn holds the M.A.L.D. and Ph.D. degrees from the Fletcher School of Law and Diplomacy, Tufts University and B.S. from the U.S. Coast Guard Academy. He is the principal for Stephen E. Flynn Associates LLC, where he provides independent advisory services on improving enterprise resilience, critical infrastructure protection, and transportation and maritime security.
Don Forgeron  
President & Chief Executive Officer  
Insurance Bureau of Canada  

Appointed Insurance Bureau of Canada’s President and CEO in 2009, Don has a successful track record of over 24 years in the property and casualty (P&C) insurance industry. He has a strong foundation in the public and private sectors, having worked for Alberta’s Department of Environment and the National Research Council in Nova Scotia early in his career. After joining IBC in 1993 as Vice-President, Atlantic Canada, and subsequently Ontario, Don worked for positive impacts to the insurance and public policy landscapes. Leading the charge for auto insurance reform in Ontario and Atlantic Canada, he worked with various provincial governments to create sustainable and affordable auto insurance systems that meet the consumer need for affordable premiums and adequate benefit levels. Don also helped bring about graduated driver licensing across Atlantic Canada working with Governments and interested stakeholders. In 2000, Don assumed the role of Vice-President, Strategic Development of Investigative Services, where he supervised work with Customs Canada and other law enforcement agencies to reduce the number of stolen vehicles shipped internationally. He guided IBC’s transition to a focused, low-cost service supplier to the industry. As President and CEO, Don works with governments and key stakeholders across the country to build a strong, stable P&C industry and a stronger and safer Canada. He has played a key role in building a consumer-focused and sustainable auto insurance system in Ontario. He is also leading a national conversation on the need to better prepare for an earthquake in various parts of Canada and finally, he has pushed for a national dialogue with governments and consumers on the need for severe weather adaptation. Don is also a leader involved in the international insurance issues that increase industry effectiveness and provide input to regulatory bodies. He is a founding member of the Global Federation of Insurance Associations (GFIA) and leads an international working group in Natural Catastrophe response. A graduate of Cape Breton University, and a 2013 Cape Breton University Alumni Award recipient, Don has completed management studies at University of Toronto, Harvard and McGill universities. He served as the 2012/13 Insurance Division Chair for United Way Toronto and as a member of the Campaign Cabinet. Don was also a member of the Multiple Sclerosis Society of Canada’s Board of Directors (Ontario Division).

William Golden  
Executive Director  
National Institute for Coastal and Harbor Infrastructure  

William B. Golden is currently the Executive Director of the National Institute for Coastal and Harbor Infrastructure. He has over thirty-five years of experience in government, law and business focused on environmental projects, policies and programs. As a government official and Massachusetts State Senator, Mr. Golden has served at every level of government from the White House to city hall. He has assisted directly in the organization and structuring of EPA, NOAA, MWRA and Massachusetts county government. As Quincy, MA City Solicitor, Mr. Golden filed the lawsuit to clean up Boston Harbor that led directly to the creation of the MWRA. As a Massachusetts State Senator, Senator Golden was instrumental in the passage of clean water, clean air and toxic waste legislation. As both a public sector and private sector attorney, Mr. Golden has focused on litigation, administrative law, energy and environmental law as well as general business law. As a small businessman, Mr. Golden has owned and operated two renewable energy companies. Mr. Golden has received numerous awards, including the US EPA Silver Medal and the David B. Stone Award. Mr. Golden has been awarded degrees from Yale University (BA), Harvard University (MPA) and Boston University School of Law (JD). Mr. Golden is currently married with three children, a resident of Cape Cod and, together with his wife Kristen, is the proud owner of the Nantucket Lightship WLV612 (Nantucketlightship.com).
John Grathwol
Deputy Director of Budget Resources, Workforce and Accounting
NYC Mayor’s Office of Management and Budget

John Grathwol is the senior manager in the fiscal management agency of the largest municipality in the United States. He directs a team of 70 analysts in the management of large segments of New York City’s $74 billion annual operating budget including pensions, employee health benefits, labor contract analysis, miscellaneous revenues, accounting services and federal and State grant monitoring. He advises the Budget Director on budget resources, forecast risks and current budget issues. He also manages and coordinates the development and submission of federal grant claims for $5 billion in reimbursement from FEMA for Sandy related damages across 54 City agencies in addition to $3.2 billion of HUD CDBG-DR grant awards. John prepares material for mayoral press conferences and rating agency presentations, as well as presentations used in arbitrated union wage settlement hearings. John Grathwol joined the NYC Mayor’s Office of Management and Budget (OMB) as a tax policy analyst in the agency’s Tax Policy Task Force in 1988. The NYC OMB, established in 1933 as the Bureau of the Budget and renamed in 1976, is responsible for assisting the Mayor in developing and implementing the City’s budget, and for advising the Mayor on policy affecting the City’s fiscal stability and the effectiveness of City services. He received his MA in Public Affairs from the Humphrey Institute of Public Affairs at the University of Minnesota in 1987.

Katherine Greig
Senior Policy Advisor
NYC Mayor’s Office of Long-Term Planning & Sustainability

Katherine focuses on insurance at the NYC Mayor’s Office of Long-Term Planning and Sustainability. She previously worked on the Hurricane Sandy Rebuilding Task Force under Secretary for Housing and Urban Development, Shaun Donovan, where she also worked on insurance policy. Prior to the Task Force, she worked at the Boston Consulting Group and the Federal Reserve Bank of New York. She has an MALD (Masters of Law and Diplomacy) from the Fletcher School of Law and Diplomacy, an MBA from Dartmouth’s Tuck School of Business and a BA from Stanford.

Donald Griffin
Vice President, Personal Lines
Property Casualty Insurers Association of America

Don Griffin is Vice President, Personal Lines with the Property Casualty Insurers Association of America (PCI). PCI is the largest property and casualty insurance trade association with more than 1000 member companies nationwide. PCI’s members write almost 40 percent of the property and casualty insurance market. Don and his staff are responsible for development of public policy on personal automobile, personal and commercial property, catastrophe and state and federal financial issues. He is PCI’s point person in Chicago on catastrophe and flood insurance issues. Including almost 16 years with PCI, Don has over 30 years of experience in the property and casualty insurance business including management responsibilities at both agency and company levels. Prior to joining PCI, he worked for the California Casualty Insurance Group based in San Mateo, California. His past experience also includes profit and loss responsibility for personal lines at Hall’s Insurance Agency, Inc. in southeast Texas, business insurance sales for Liberty Mutual and life insurance sales for Integon Life Insurance Company. For several years he served as staff liaison to the Agricultural Risk and the Property Insurance Committees, addressing such issues as credit, mold, loss database and state and federal disaster legislation. He has also worked on terrorism, service contract, general liability, building code, professional liability and financial public policy issues. He is a member of the Society of Chartered Property Casualty Underwriters, and holds the Associate in Regulation and Compliance, Associate in Reinsurance, Associate in Risk Management, and Associate in Underwriting designations.
Joe Gunset  
**General Counsel**  
Lloyd’s America

As General Counsel, Lloyd’s America, Joe oversees a wide range of US legal issues, including legislative and regulatory policy, and acts as Lloyd’s key liaison with US regulators, legislators and government officials on a variety of matters. Joe joined Lloyd’s in 2000. He has worked in the insurance industry, in private practice and in-house, for over 25 years. Most recently, Joe was Vice President and General Counsel for a division of American International Group. A native New Yorker, Joe received his Juris Doctor from Fordham University School of Law.

Robert P. Hartwig  
**President**  
Insurance Information Institute

Robert P. Hartwig is president of the Insurance Information Institute. Since joining the I.I.I. in 1998 as an economist and becoming chief economist in 1999, Dr. Hartwig has focused his work on improving understanding of key insurance issues across all industry stakeholders including media, consumers, insurers, producers, regulators, legislators and investors. Presently, the I.I.I. provides assistance on thousands of stories annually and covers all aspects of print, television, radio and new media while also responding to thousands of requests from I.I.I. member companies and other constituencies. The institute is generally recognized to be the most credible and frequently used single source of information and referral for the widely diverse insurance industry. Its Board represents companies from all areas of the industry, including life insurers. In addition, some 20 other insurance organizations contract with I.I.I. for media services. Dr. Hartwig previously served as director of economic research and senior economist with the National Council on Compensation Insurance (NCCI) in Boca Raton, Florida, where he performed rate of return and cost of capital modeling and testified at workers’ compensation rate hearings in many states. He has also worked as senior economist for the Swiss Reinsurance Group in New York and as senior statistician for the United States Consumer Product Safety Commission in Washington, D.C. He is a member of the American Economic Association, the American Risk and Insurance Association, the National Association of Business Economics and the CPCU Society. In 2005 and 2006 Dr. Hartwig served on the state of Florida’s Task Force for Long-Term Homeowners Insurance Solutions. From May 2005 to May 2008 he served on the board of directors of the Independent Insurance Agents and Brokers Association of New York. Currently, Dr. Hartwig serves on the board of directors of the American Risk and Insurance Association and the Griffith Foundation for Insurance Education. Dr. Hartwig received his Ph.D. and Master of Science degrees in economics from the University of Illinois at Urbana-Champaign. He also received a Bachelor of Arts degree in economics cum laude from the University of Massachusetts at Amherst. He has served as an instructor at the University of Illinois and at Florida Atlantic University. Dr. Hartwig also holds the Chartered Property Casualty Underwriter (CPCU) credential. In 2011, Dr. Hartwig was awarded the National Association of Mutual Insurance Companies (NAMIC) Chairman’s Award. In 2010, he was a recipient of a research award from the U.S. Chamber of Commerce Institute for Legal Reform in the area of torts and tort reform.
Jerome M. Hauer, Ph.D., is an innovator in public safety, emergency management, medical and public health planning and response to emergencies, disasters and terrorism. In November 2011 he was appointed by New York State Governor Andrew M. Cuomo to serve as Commissioner of the Division of Homeland Security and Emergency Services. As Commissioner, Hauer oversees the Department of Homeland Security to coordinate and deliver first responder, medical and public health training for the National Capital Region. Dr. Hauer has served on the National Academy of Sciences Institute of Medicine’s Committee to Evaluate R&D Needs for Improved Civilian Medical Response to Chemical or Biological Terrorism Incidents, and was an advisor to the U.S. Capitol Police and the U.S. Marine Corps’ Chemical-Biological Incident Response Force (C-BIRF), among others, and assisted the governments of Queensland, New South Wales and Victoria in preparing for the 2000 Olympics. Dr. Hauer was awarded a Ph.D. from Cranfield University, Defense Academy of the United Kingdom in 2012. He holds a Master’s degree from the Johns Hopkins School of Public Health.

Alice Hill
Senior Advisor for Resilience and Preparedness
National Security Council Staff

Retired Judge Alice Chamberlayne Hill joined the White House National Security Council staff in September 2013 as Senior Advisor for Preparedness and Resilience to Assistant to the President for Homeland Security and Counterterrorism Lisa Monaco. In this role, she serves as the principal advisor on preparedness and resilience issues arising from climate change. Her duties include providing advice and counsel on implementation of the President’s Climate Action Plan, developing policy regarding building resilient infrastructure, removing barriers to ensuring resiliency, promoting creation of innovative delivery of climate change related information, promoting regional coordination of federal climate preparedness and resilience services, and leading interagency policy groups. Prior to joining the National Security Council staff, Hill served as Senior Counselor to Secretary of the Department of Homeland Security (DHS) Janet Napolitano. As Senior Counselor, she provided advice and counsel on broad public policy issues directly impacting the nation’s security. In that capacity, she chaired the Department’s Executive Steering Committee on Climate Change Adaptation which developed the Department’s first-ever plans for adapting to extreme weather. Hill founded and led the internationally and nationally recognized Blue Campaign, an initiative to combat human trafficking. She also led the development of Department strategies and policies regarding catastrophic biological and chemical incidents, ranging from pandemics to weapons of mass destruction and served as Chair of the DHS Biological Leadership Group, the DHS Anthrax Steering Committee, the DHS Chemical Coordination Working Group, and the DHS Pandemic Steering Committee. Before beginning her judicial career, Judge Hill served as a federal prosecutor in Los Angeles where she headed the Major Frauds Section which was responsible for the investigation and prosecution of white-collar crime. The Department of Justice awarded her the John Marshall award, its highest award, in recognition of her outstanding legal achievement. She received her law degree from the University of Virginia School of Law and her BA from Stanford University.
Dr. Daniel Kaniewski is Mission Area Director for Resilience and Emergency Preparedness/Response at the Homeland Security Studies and Analysis Institute (HSSAI), a federally funded research and development center serving the U.S. Department of Homeland Security. Prior to joining HSSAI, he was Assistant Vice President for Homeland Security and Deputy Director of the Homeland Security Policy Institute (HSPI) at George Washington University. In July 2005 he joined the White House staff where he soon witnessed the failed response to Hurricane Katrina. Following the disaster he served as a co-author and editor of the report "The Federal Response to Hurricane Katrina: Lessons Learned." He then worked to improve the nation's response capabilities and advised the President and White House staff during domestic incidents (including man-made and natural disasters) as Special Assistant to the President for Homeland Security and Senior Director for Response Policy. Prior to his White House service he co-founded HSPI. He has also held positions at the Federal Emergency Management Agency, the Congressional Fire Services Institute, and on Capitol Hill. He began his career in homeland security as a firefighter/paramedic. Dr. Kaniewski is a member of the District of Columbia Homeland Security Commission, a term member of the Council on Foreign Relations, and an adjunct assistant professor at the Georgetown University School of Foreign Service. Dr. Kaniewski holds a Bachelor of Science degree magna cum laude in Emergency Medical Services from The George Washington University, a Master of Arts degree in National Security Studies from the Georgetown University School of Foreign Service, and a Ph.D. in Public Policy and Administration from The George Washington University.

David Kaufman
Associate Administrator for Policy, Program Analysis and International Affairs
Federal Emergency Management Agency

David J. Kaufman is FEMA’s Associate Administrator for Policy, Program Analysis, and International Affairs. Appointed in September 2009, he is responsible for providing leadership, analysis, coordination, and decision-making support to the FEMA Administrator on a wide range of Agency policies, strategy, plans, programs, and key initiatives. Mr. Kaufman has extensive experience with homeland security and emergency management issues. He has been a member of the faculty at the Naval Postgraduate School’s Center for Homeland Defense and Security, where he has taught in the Center's graduate and executive level education programs; was the Safety and Security Director for CNA, a non-profit think-tank; and has previously served in several senior positions in the U.S. Department of Homeland Security and in FEMA. Mr. Kaufman’s notable recent accomplishments include framing FEMA’s current strategic direction; developing the Agency’s Whole Community Approach to Emergency Management and its supporting doctrine; launching the Strategic Foresight Initiative; and co-creating a nine country multinational policy group on community resilience. His previous service included leading policy and planning efforts for FEMA’s National Preparedness Directorate; overseeing the day-to-day activities of DHS’ $3 billion portfolio of state, local, and infrastructure preparedness assistance programs; and working on homeland security issues in both the public and private sector spanning risk management, catastrophic planning, preparedness, and community engagement. Mr. Kaufman holds a Master of Public Policy degree from the University of Michigan; a Bachelor of Arts degree in International Relations, Political Science, and History from the University of Wisconsin-Madison; and is a graduate of the Center for Homeland Defense and Security’s Executive Leaders Program at the Naval Postgraduate School.
Sean Kevelighan
SVP, Head of Government and Industry Affairs
Zurich North America

Sean Kevelighan re-joined Zurich in May 2013, overseeing Government and Industry Affairs in North America, with responsibility for driving the public policy agenda in the region. For the two and a half years before, he served with Citigroup, Inc. as Head of Strategic Communications for its Global Consumer Banking business, which included retail banking, branded credit cards, and commercial banking. Prior to Citigroup, Sean served with Zurich for the first time, as Head of Group Media Relations in North America. Sean has served in various public sector posts in Washington, DC. As a political appointee in the administration of President George W. Bush, he served first in the Department of Treasury as a spokesperson for economic issues, and eventually became Senior Advisor for the Office of Tax Policy. He was also the Press Secretary for the White House Office of Management and Budget. Additionally, he worked on Capitol Hill, serving on the staff of members of Congress; most notably as Legislative Director for Representative Bob Schaffer of Colorado. Sean’s private sector experience in Washington, DC included positions at public affairs firms such as Edelman and Hill & Knowlton. He consulted numerous multinational and FORTUNE 100 corporate clients on policy issue management programs, corporate reputation campaigns and crisis communications. Sean is a graduate of the University of Colorado at Boulder. He currently resides in the Old Town neighborhood of Chicago with his wife, Annik and their Chocolate Lab, Wiley. He is an avid enthusiast of exercise and outdoors, participating regularly in triathlons and other sporting events. In 2009, he finished Ironman Switzerland.

Kenneth E. Kobylowski
Commissioner
New Jersey Department of Banking and Insurance

Governor Chris Christie nominated Mr. Kobylowski to serve as Commissioner of Banking and Insurance on January 30, 2012. Mr. Kobylowski served as Acting Commissioner from February 11, 2012, until his appointment was confirmed by the Senate on December 20, 2012. Mr. Kobylowski joined the Department of Banking and Insurance as Chief of Staff in February 2010 and took on the additional role of Acting Director of Banking in October 2011. He served as the Chief Operating Officer for the Department with full responsibility for all legislative, regulatory, operational and administrative matters and also served as the Department's liaison with other State departments and federal agencies, notably the Federal Reserve and the FDIC. He was instrumental in leading the Department through successful reaccreditations by both the National Association of Insurance Commissioners and the Conference of State Bank Supervisors and is a gubernatorial appointee to the State Employees' Health Benefits Plan Design Committee and the School Employees' Health Benefits Plan Design Committee. Prior to joining the Department, Mr. Kobylowski was in private law practice for 20 years, beginning at Connell, Foley & Geiser in Roseland, New Jersey and then moving to Herrick, Feinstein LLP, first in its New York City office and then in its Newark, New Jersey office. He represented a wide array of clients, including banks, insurance companies, lenders, developers and public and private entities. Before practicing law, Mr. Kobylowski began his professional career as a bank analyst at the Federal Reserve Bank of New York. He is a magna cum laude graduate of Seton Hall University and a cum laude graduate of New York Law School, where he served as Executive Editor of the Journal of International and Comparative Law. He and his wife, the former Nancy M. Harz, have two children.
Robert Kolasky
Senior Advisor to the Assistant Secretary for Infrastructure Protection
U.S. Department of Homeland Security

Bob Kolasky currently serves as the Director of Strategy and Policy for the DHS Office of Infrastructure Protection, where he leads strategic initiatives on behalf of the Assistant Secretary to help IP achieve organizational priorities, including IP’s activities to enhance its capabilities to integrate cyber and physical risk management efforts with critical infrastructure owners and operators, and approach to improve infrastructure resilience in the face of terrorism, climate change and other risks. Previously, he served as Director of DHS’ Integrated Task Force to implement Presidential Policy Directive 21 on Critical Infrastructure Security and Resilience, as well as Executive Order 13636 on Critical Infrastructure Cybersecurity. In this role, he was responsible for leading the delivery of the Department’s requirements to the White House, including the update to the National Infrastructure Protection Plan and the growth of voluntary partnerships to support cyber security risk management and information sharing. Mr. Kolasky previously served as the Assistant Director for Risk Governance and Support at the in the Office of Risk Management Analysis at DHS where he was responsible for developing policies and processes to enable risk-informed strategic decisions by DHS. In addition, he led the conduct of the first ever Strategic National Risk Assessment, in partnership with FEMA, as part of the implementation of Presidential Policy Directive 8. Mr. Kolasky’s career focus is on analyzing issues related to homeland security strategy, planning and policy. He has supported program development for the DHS Secretary’s Operational Integration Staff (I-STAFF), and the National Preparedness Task Force, and led strategic planning engagements for DHS components. In doing so, he has worked both as a government employee at DHS and the U.S. Government Accountability Office and as a management consultant at Booz Allen and Hamilton. Mr. Kolasky joined the Federal government following his graduation from the Harvard Kennedy School in June of 2002. While at the Kennedy School, Mr. Kolasky concentrated on Business and Government Policy and Microeconomics. He also worked as a management consultant for several non-profit organizations. Prior to attending HKS, Mr. Kolasky was a journalist and an entrepreneur. He helped start two of the first public policy sites on the Internet and served as the Managing Editor for IntellectualCapital.com and the Director of Content for Policy.com. Mr. Kolasky graduated from Dartmouth College in 1994.

Anthony Kuczinski
CEO
Munich Reinsurance America Inc.

Tony Kuczinski is President and Chief Executive Officer of Munich Reinsurance America, Inc., Chairman of HSB Group, Inc., and Chairman of American Modern Insurance Group, Inc. He has overall responsibility for Munich Re’s property and casualty reinsurance and specialty insurance businesses in the U.S. He is also a board member of Munich Re America Corporation and several of the related corporations. During his 24+ years with Munich Reinsurance America, Tony has held various other positions. Prior to assuming his current position in January 2008, he was President of the Specialty Markets division of Munich Reinsurance America and President of American Alternative Insurance Corporation and The Princeton Excess and Surplus Lines Insurance Company. Tony also served as project leader of Munich Re’s U.S. Strategy Project, where he was an architect of the Group’s strategy for long-term profitable growth in the U.S. He has over 30 years of industry experience. Tony serves the insurance industry through participation in a number of organizations. He is vice chair of the board and executive committee member of The Institutes, former board member and Chair of the Reinsurance Association of America, board member of the American Insurance Association, and board and executive committee member of the St. John’s University School of Risk Management Advisory Board. He is a member of the American Institute of Certified Public Accountants, New York and New Jersey State Societies of Certified Public Accountants. He has completed the Advanced Executive Education Program in conjunction with the AlCPCU and the Wharton School. He earned a Bachelor of Business Administration from Pace University. Tony is the vice chair and board member of Eden Autism Services, an organization that provides service and support to individuals with Autism and their families, and the Princeton Healthcare Foundation, the fundraising organization for Princeton Hospital. He is a former Chair and board member of the National School Boards Foundation, a not-for-profit organization that works to promote excellence and equity in public education throughout the United States.
Howard Kunreuther
James G. Dinan Professor of Decision Sciences & Public Policy
Co-Director, Risk Management and Decision Processes Center,
The Wharton School, University of Pennsylvania

Howard Kunreuther is the James G. Dinan Professor; Professor of Decision Sciences and Business and Public Policy at the Wharton School, and co-director of the Wharton Risk Management and Decision Processes Center. Prof. Kunreuther has a long-standing interest in ways that society can better manage low-probability, high-consequence events related to technological and natural hazards. He is a Fellow of the American Association for the Advancement of Science, and a Distinguished Fellow of the Society for Risk Analysis, receiving the Society’s Distinguished Achievement Award in 2001. He serves on the National Academy of Science/National Research Council’s committee on “Analysis of Costs and Benefits of Reforms to the National Flood Insurance Program” and is a Coordinating Lead Author for the Intergovernmental Panel on Climate Change’s upcoming report, “Integrated Risk and Uncertainty Assessment of Climate Change Response Policies.” He recently served on the National Research Council’s panel on “Increasing National Resilience to Hazards and Disasters,” and on the New York City Mayor’s Office Panel on Climate Change as part of the Special Initiative for Rebuilding and Resiliency. He is the author of At War with the Weather (with Erwann Michel-Kerjan, 2009); Learning from Catastrophes (with Michael Useem, 2010); and the newly-published Insurance and Behavioral Economics: Improving Decisions in the Most Misunderstood Industry” (with Mark Pauly and Stacey McMorrow, 2013).

Thomas B. Leonardi
Commissioner
Connecticut Insurance Department

As Connecticut’s 31st Insurance Commissioner, Thomas B. Leonardi leads a regulatory agency with jurisdiction over the largest life insurance industry in the United States and the second largest overall insurance industry in total written premium. He is a current or former: member of the NAIC Executive Committee, the Internal Administration (EX1) Subcommittee, Chair of the NAIC’s International “G” Committee, the NAIC’s Financial Stability Task Force, and of the NAIC’s 12-state Northeast Zone, Vice Chair of the NAIC’s Accreditation “F” Committee and member of the NAIC’s Life “A,” Property Casualty “C” and Financial Regulation “E” Committees, the International Insurance Relations (EX) Leadership Group, the Government Relations Leadership Council, and the board of the National Insurance Producer Registry (NIPR). He was chosen by the U.S. Department of the Treasury to serve on FIO’s Federal Advisory Committee on Insurance. He was the only U.S. regulator to be invited to testify at the February 2014 Congressional hearing on the FIO’s Insurance Modernization report, and one of only three commissioners to attend a nearly one hour meeting with President Obama in the Oval Office in November of 2013 to discuss issues concerning the implementation of the Affordable Care Act. He also serves as one of only two U.S. insurance commissioners on the Executive Committee of the International Association of Insurance Supervisors (IAIS), for three years was the only U.S. regulator on the IAIS’ Financial Stability Committee, and also served on the Technical Committee as well, having the distinction of being the only U.S. regulator to sit on all three IAIS committees at the same time. He is active on more than 15 supervisory colleges for large internationally active insurance and reinsurance groups in the U.S. and Europe. For 22 years prior to his appointment as Commissioner, he was chairman and CEO of Northington Partners, Inc., an insurance specialty venture capital and investment banking firm. Prior to founding Northington, he was the head of M&A and Venture Capital at Conning & Company. Prior to that, he was the president and vice chairman of the Beneficial Corporation’s insurance subsidiaries. Commissioner Leonardi is a member of the bar of the state and federal courts of Connecticut and New Jersey. He earned a bachelor’s degree from Boston University with distinction in history, summa cum laude and Phi Beta Kappa. He earned a Juris Doctor with honors from the University of Connecticut School of Law.
Tim Leshan
Vice President for Government Relations
Northeastern University

Tim Leshan is the vice president for government relations at Northeastern University, where he manages the University’s federal and state legislative policy agendas. He serves as the University's liaison to lawmakers and regulators, including research-funding agencies from which Northeastern faculty receive grants. Leshan joined Northeastern from Brown University, where he was director of government relations and community affairs. While at Brown, Leshan worked to enhance the university's interactions with elected officials, developed public-private partnerships, and strengthened faculty interactions with funding agencies. Previously, Leshan served as branch chief and senior policy analyst in the policy and program analysis branch of the National Human Genome Research Institute at the National Institutes of Health. He also served as the director of public policy for the American Society for Cell Biology where he cofounded the Coalition for the Advancement of Medical Research (CAMR), which advocates for federal funding for stem cell research. He has also worked for both Duke University and the John F. Kennedy School of Government. Leshan is a graduate of Vassar College, and has a master's degree in public administration from the University of North Carolina, Chapel Hill.

Igor Linkov
Risk and Decision Science Focus Area Lead
U.S. Army Engineer Research and Development Center

Dr. Linkov leads the Risk and Decision Science Team and Focus Area at the US Army Engineer Research and Development Center. He organizes and leads direct and reimbursable programs in multiple research portfolios. Dr. Linkov has managed multiple risk assessments and risk management projects in the areas of resilient infrastructure, cybersecurity, nanomaterials, environmental management, climate change, energy, and systems vulnerability. He is currently leading several projects implementing resilience management for cyber systems, critical infrastructure, energy and environment. He has published widely on environmental policy, environmental modeling, and risk analysis, including thirteen books and over 200 peer-reviewed papers and book chapters. Dr. Linkov has organized more than twenty national and international conferences and continuing education workshops, including 2014 workshop on Risk and Resilience in Berlin. He has served on many review and advisory panels for DOD, DHS, EPA, NSF, EU and other US and international agencies. The Governor of Massachusetts has appointed Dr. Linkov to serve as a Scientific Advisor to the Toxic Use Reduction Institute. He served as 2013 US Embassy Fellow in Berlin. He is recipient of two Army medals for outstanding civilian service. He is the recipient of the 2005 SRA Chauncey Starr Award for exceptional contribution to Risk Analysis, SRA Fellow award and was an elected SRA Councilor (2009-2013). Dr. Linkov has a B.S. and M.Sc. in Physics and Mathematics (Polytechnic Institute) and a Ph.D. in Environmental, Occupational and Radiation Health (University of Pittsburgh). He completed his postdoctoral training in Risk Assessment at Harvard University.
Jalal Mapar  
Director  
Resilient Systems Division  
U.S. Department of Homeland Security

Jalal Mapar serves as the Director of the Resilient Systems Division (RSD) at the DHS Science and Technology Directorate (S&T). RSD’s mission is to rapidly develop and deliver innovative solutions that enhance the resilience of individuals, communities, and systems by enabling the Whole Community to prevent and protect against threats, mitigate hazards, effectively respond to disasters, and expedite recovery. Previously, as a Program Manager at DHS S&T, Mr. Mapar managed a portfolio of programs that provided a diverse set of technologies to support the nation’s emergency preparedness and response mission. His portfolio included several programs including innovative predictive modeling, simulation, and analytics to aid emergency responders in understanding natural or manmade threats to support preparedness and response operations; training/exercise system to verify and validate response tactics, plans and procedures; first responder location tracking in GPS denied environments and physiological health monitoring technologies; next generation battery technology combined with power management algorithms to enhance mission life of hardware systems; and first responder tools such as the concrete breaching tool for Search and Rescue and Special Operations teams to break concrete in 5 minutes; and a unique concealable escape hood to provide at least 15 minutes of protection against a host of chemical and biological threats. Mr. Mapar has been recognized by DHS S&T for his leadership in developing and transitioning technologies to customers across DHS and establishing collaborations with several universities, national labs, U.S. and international government agencies. He is a member of the JSDE Executive Board, Panelist/Session Organizer/Chair at IEEE, ION, JNC, TCIP, and other conferences, and a frequent speaker on DHS related science and technology topics. Mr. Mapar has held a variety of technical and management positions at several aerospace companies. Prior to joining DHS in 2005, he was a VP/Division Manager in the RDT&E Group at SAIC in McLean, VA. Mr. Mapar holds a B.S. and M.S. in Aerospace Engineering from the University of Texas at Austin.

Aysha Mawani  
Senior Policy Advisor, Strategic Policy Unit  
Public Safety Canada

Aysha Mawani brings close to fifteen years of experience in strategic policy and program development at both the domestic and international levels. She is currently Senior Policy Advisor of Strategic Policy at Public Safety Canada. In this capacity, she has focused on developing a suite of medium-term policy development tools aimed at identifying policy gaps, challenges and opportunities on horizontal issues including resilience. She also has significant experience working in public health and health promotion, both internationally and in Canada, including five years at the United Nations in New York. A sociologist by training, Aysha is currently completing a Ph.D. from McGill University.
Robert Meyer
Steinberg Professor of Marketing
Co-Director
Risk Management and Decision Processes Center, Wharton School

Robert Meyer is the Gayfryd Steinberg Professor and Co-Director of Wharton's Risk Management and Decision Processes Center. He is also currently editor-in-chief of the Journal of Marketing Research. As co-director of Wharton's Risk Center, some of Professor Meyer's recent research has focused on how individuals decide to invest in mitigation against low-probability, high-consequence, events such as hurricanes, earthquakes, and financial losses. Using laboratory simulations Professor Meyer and his colleagues have been able to show that failures of preparation that often precede catastrophes such as Hurricane Katrina, Sandy, and the 2008/09 housing and equities collapse are consistent with a number of hard-wired biases in how people respond to risk. This includes a tendency for people to fail to learn as much as they should from near-misses, and under-invest in instruments whose value can only be realized in the long run. One of the goals of the risk center is to aid the private and public sectors in developing strategies that allow these biases to be overcome. At Wharton, Professor Meyer has served as chair of the Marketing Department and Vice Dean of Wharton’s doctoral programs. In addition to his Wharton position, Professor Meyer is an associate of the Center for Research on Environmental Decision Making at Columbia University. He received his PhD in Transportation Geography from the University of Iowa in 1980.

Erwann O. Michel-Kerjan
Executive Director
Risk Management and Decision Process Center
Wharton School, University of Pennsylvania

Dr. Erwann Michel-Kerjan is the executive director of the Wharton Risk Management and Decision Processes Center and teaches in the graduate program at the Wharton School of the University of Pennsylvania. His research and advisory role focuses on how to better manage and finance extreme events (terrorism, natural disasters) and strengthen resilience through business and policy innovation. Since 2008, he has served as chairman of the OECD Secretary-General Board on Financial Management of Catastrophes which advises the governments of its 34 member countries on these issues, including the United States. Michel-Kerjan was named a Young Global Leader by the World Economic Forum (Davos), an honor bestowed to recognize and acknowledge the most extraordinary leaders of the world under the age of 40. He was a founding member of the WEF Global Agenda Council on Leadership and Innovation for Reducing Risks from Natural Disasters and co-led the G20 Paris initiative under the high patronage of then-President Sarkozy. Michel-Kerjan is the author of several acclaimed books, including, "Seeds of Disaster, Roots of Response: How Private Action Can Reduce Public Vulnerability" (Cambridge University Press, with Philip Auerswald, Lewis Branscomb, and Todd Laporte), "The Irrational Economist: Making Decisions in a Dangerous World" (PublicAffairs, with Paul Slovic) and "At War with the Weather" (MIT Press, with Howard Kunreuther) which received the Kulp-Wright award for the most influential book on risk management. He studied at the Ecole Polytechnique in France, McGill and Harvard.
Peter Nakada  
Managing Director, Risk Markets  
Risk Management Solutions, Inc.

A Managing Director in RMS’ for almost ten years, Peter leads the Capital Markets and LifeRisks businesses for RMS. Prior to joining RMS, he co-founded ERisk, where he played various roles including head of R&D and consulting. Before that, he served as a director in Oliver, Wyman & Company’s Risk Management and Insurance practices. Peter has authored many articles on risk and is a frequent conference speaker. Based in New York, Peter has a B.A. in Engineering Sciences from Harvard College, a M.S. in Engineering Management from Stanford University and is a Chartered Financial Analyst.

Franklin W. Nutter  
President  
Reinsurance Association of America

Frank Nutter has been president of Reinsurance Association of America (RAA) since 1991. He held the same position in RAA from 1981-1984. In the interim, he was president of Alliance of American Insurers and the Property Loss Research Bureau, which have now merged to be part of the PCI (Property Casualty Insurance Association of America). Mr. Nutter currently serves on the Advisory Board of the Center for Health and Global Environment, an adjunct to the Harvard University School of Public Health, the Advisory Board of the OECD’s International Network for the Financial management of Large Scale Disasters and the RAND Center on Catastrophic Risk Management and Compensation. He has recently served on the Council of the American Meteorological Society and the Board of the University Center for Atmospheric Research, a consortium of universities managing the National Center for Atmospheric Research sponsored by the National Science Foundation. He has served as a member of the Board of Directors of the Advocates for Highway and Auto Safety, the Insurance Institute for Highway Safety and the Worker’s Compensation Research Institute, the Board of Overseers of the Institute for Civil Justice, a subsidiary of the rand Corporation and on the Board of the Bermuda Institute for Ocean Sciences. Mr. Nutter has a Juris Doctorate from the Georgetown University Law Center and a bachelor’s degree in economics from the University of Cincinnati. Mr Nutter was an officer in the U.S. Navy and is a Vietnam Veteran.

James Orr  
Vice President and Function Head  
Regional Analysis Function  
Federal Reserve Bank of New York

James Orr is Vice President and head of the Regional Analysis Function of the Research and Statistics Group at the Federal Reserve Bank of New York. He specializes in regional economics and his responsibilities include analyzing and forecasting economic trends in the New York-New Jersey region. He has co-authored articles on a variety of aspects of the regional economy including the construction of indexes of economic activity for the region, ARRA stimulus spending in New York and New Jersey, the price of land in the New York metropolitan area and on the challenges facing the New York economy. He also co-authored two studies assessing the impact of the 9/11 attack on New York City. His experience includes an assignment to the New York City Office of the Deputy Mayor where he authored a report on foreign investment in the city. Prior to joining the Bank, he worked at the U.S. Department of Labor and taught economics in the School of Business at Manhattan College. He holds a Ph.D. in Economics from the University of Pennsylvania and a B.S. in Business Administration from Drexel University.
Lindene Patton
Chief Climate Product Officer
Zurich North America

Lindene Patton is employed by a U.S. subsidiary of the Zurich Insurance Group (the Group) and serves as the Chief Climate Product Officer for the Group. She is responsible for policy and risk management related to climate change. She is a member of the World Economic Forum (WEF) Global Advisory Council on Measuring Sustainability, as well as member of the WEF Advisory Board on Sustainability and Competitiveness. Ms. Patton serves as the Vice-Chair of the Climate Change and Tort Liability Sub-Committee of the Geneva Association. She is a member of the Advisory Council to the Resources for the Future’s Center for the Management of Ecological Wealth (RFF’s CMEW). Ms. Patton serves on numerous government and non-governmental advisory boards, including the Executive Secretariat of the U.S. National Climate Assessment Development and Advisory Committee. She is an advisory board member for the University of California at Santa Barbara’s Bren School of Environmental Science and Management. Ms. Patton is an attorney licensed in California and the District of Columbia and an American Board of Industrial Hygiene Certified Industrial Hygienist. She holds a Bachelor of Science in biochemistry from the University of California, Davis, a Master of Public Health from the University of California, Berkeley, and a Juris Doctor from Santa Clara University School of Law. Most recent book: Christina M. Carroll, J. Randolph Evans, Lindene E. Patton & Joanne L. Zimolzak, Climate Change and Insurance (2012), American Bar Association, Chicago, Illinois.

M. John Plodinec
Associate Director for Resilience Technologies
Community and Regional Resilience Institute

John Plodinec is the Associate Director for Resilience Technologies, for the Community and Regional Resilience Institute (CARRI). In this role, he is responsible for identifying and evaluating technologies useful for enhancing community resilience. He also played the lead technical role in the development of CARRI’s Community Resilience System and its Campus Resilience Enhancement System. His most important contributions to these efforts have been the development of action-oriented assessment tools for both communities and college campuses. Both are based on a systems approach that breaks either the community or the campus into its component parts. Each part is evaluated in the context of all of the others, looking at interdependencies and identifying gaps. Out of the assessment come suggested actions that can be taken to improve the resilience of each system and of the whole. Dr. Plodinec also developed CARRI’s Resilient Home Program, aimed at improving the survivability of American homes to disaster. This built on earlier work he did while at Mississippi State University, where he led the University's efforts to develop programs related to severe weather events. He is the author of a chapter in McGraw-Hill’s latest Encyclopedia of Homeland Security dealing with implementation of Whole Community efforts. Dr. Plodinec is a Distinguished Adjunct Professor in Emergency Management in Jacksonville State University’s doctoral program. His teaching centers around applications of systems thinking to emergency management.
Charles Rath
Principal Technical Analyst
Sandia National Laboratories

Charles Rath is a national security expert from Sandia National Laboratories. He leads a number of different initiatives that provide government and industry leaders analysis and science based policy options to achieve risk management and resilience-focused objectives. Sandia National Laboratories is a nonprofit research and development center focused on creating innovative, cutting edge solutions for national security organizations and jurisdictions within the US and beyond. Mr. Rath is currently spearheading an effort to work with cities worldwide to improve their resilience to disasters and address key sustainability issues. He is also leading a project to create the first model for assessing the regional and national-level economic effects of chemical facility disruptions. Prior to his current post, Mr. Rath held several senior positions at the US Department of Homeland Security. His work for the Under Secretary for Management set the foundation for the integration of critical DHS functions and missions. He also played a key role in establishing the nation's first risk management strategy and doctrine.

Adam Rose
Research Professor
Center for Risk and Economic Analysis of Terrorism Events
Price School of Public Policy, University of Southern California

Adam Rose is a Research Professor in the University of Southern California Sol Price School of Public Policy, and Coordinator for Economics at USC's Center for Risk and Economic Analysis of Terrorism Events (CREATE). Much of Professor Rose’s research is on the economics of natural and man-made hazards. He recently served as an advisor on disaster resilience to the United Nations Development Programme and as a member of a National Research Council panel on Earthquake Resilience. Previously, he was the lead researcher on the Multi-Hazard Mitigation Council report to the U.S. Congress on the net benefits of FEMA hazard mitigation grants, and coordinated 8 studies to arrive at a definitive estimate of the economic consequences of 9/11. A major focus of his research has been on resilience to natural disasters and terrorism at the levels of the individual business, market, and regional economy. Professor Rose's other research area is the economics of energy and climate change policy. Rose is the author of several books and 200 professional papers. He has served as the American Economic Association Representative to the American Association for the Advancement of Science and as a member of the Board of Directors of the Center for National Policy Resilience Forum and of the National Institute of Building Sciences Multi-Hazard Mitigation Council. He is the recipient of a Woodrow Wilson Fellowship, East-West Center Fellowship, American Planning Association's Outstanding Program Planning Honor Award, Applied Technology Council Outstanding Achievement Award, and Regional Economic Models, Inc., Excellence in Economic Analysis Award.
Rae Rosen is a senior economist and vice president at the Federal Reserve Bank of New York. Ms. Rosen helps lead the outreach work at the bank and is a liaison to the business, banking, government, nonprofit and academic groups interested in the regional economy. Ms. Rosen is responsible for the regional road trips of the president of the bank and runs the President’s Small Business and Agricultural Advisory Council and the President’s Upstate New York Regional Advisory Board. She is a member of several economic advisory panels to state and local governments, business associations and nonprofits that work to further regional development. Her work is designed to bring the bank to the local leadership throughout the region and bring the local issues and concerns back to the bank as input to the formation of monetary policy and bank’s dual mandate of full employment and price stability. Ms. Rosen joined the bank in December 1992. She was appointed an officer of the bank in June 1999, an assistant vice president in June 2003 and vice president in December 2013. Her prior positions have included vice-president, senior economist at the Federal Home Loan Bank of New York and senior economist at Merrill Lynch Economics, Inc., where Ms. Rosen was a consultant to major U.S. and European motor vehicle manufacturers and their suppliers. Ms. Rosen holds an MBA at the Graduate School of Business, New York University and a BA in economics at Barnard College, Columbia University.

Haley Rubinson is a Senior Advisor for Infrastructure and Hazard Mitigation at Governor Cuomo’s Office of Storm Recovery. She oversees the State’s FEMA Hazard Mitigation Grant Program and infrastructure recovery and resiliency efforts statewide, primarily in the area of transportation. Previously, she was appointed to Mayor Bloomberg’s Special Initiative for Rebuilding and Resiliency to develop New York City’s long-term Sandy recovery plan, specifically focused on strategies to address rebuilding and sustainability in South Queens. Prior to her work in storm recovery, she served as a member of the State Budget Crisis Task Force, a group assembled by former Lieutenant Governor Richard Ravitch and former Federal Reserve Chairman Paul A. Volcker, and was responsible for analysis of public infrastructure. She was a consultant at Bloomberg Philanthropies, assisting in the launch of their government innovation focus area and has also served as Deputy Director for Intergovernmental Affairs at the New York City Department of Transportation. She is a graduate of the University of Maryland, College Park and is a doctoral candidate in political science at the CUNY Graduate Center.
Josh Sawislak
Senior Advisor to the Secretary for Infrastructure Resilience
U.S. Department of Housing and Urban Development

Josh Sawislak was appointed as Senior Advisor for Infrastructure Resilience to HUD Secretary Shaun Donovan in October 2013. In this capacity, he advises the Secretary and senior HUD staff on issues related to resilience efforts for Hurricane Sandy and other disaster recovery. He is supporting the implementation of the President's Climate Action Plan through the federal Climate Preparedness and Adaptation Council and the State, Local, Tribal, and Territorial Leaders Task Force. In addition, he leads several infrastructure initiatives for HUD resulting from the recommendations of President Obama’s Hurricane Sandy Rebuilding Task Force, which was chaired by Sec. Donovan. Prior to his appointment to HUD, Mr. Sawislak served as the infrastructure lead for the Task Force, which was established by Executive Order to provide high level policy and support to the $60 billion recovery and rebuilding effort in New York, New Jersey, and other impacted states. He is a member of the American Institute of Certified Planners, has served as a senior government official in response and recovery roles for major disasters including the H1N1 pandemic, Hurricane’s Gustav, Ike, and Rita, as well as the response to the 2009 earthquake and tsunami in American Samoa and 2010 earthquake in Haiti. In the private sector, Mr. Sawislak has served as a strategic management consultant to government and corporate organizations. He has over 25 years of broad planning and project development and execution experience with multi-billion dollar projects in construction, energy, real estate development, international trade, telecommunications, and information technology and has negotiated and managed projects from inception to completion as both a public and private sector leader. In a civic capacity, he also serves on the board of directors of evacuteer.org in New Orleans.

Jack Showalter, Esq.
Senior Analyst
Centra Technology, Inc.

Jack Showalter is a Senior Analyst and manager in the Homeland Security and Risk Analysis Division of CENTRA Technology, a Government contracting company specializing in support to the Intelligence Community and federal, state, local, tribal, and territorial security agencies. Over the past nine years, Mr. Showalter has designed, led, and directly supported many programs sponsored by the Department of Homeland Security and its Components aimed at accurately defining, measuring, and mitigating domestic all-hazard threats. He has frequently supported the application of formal risk methodologies to analyses as diverse as FEMA Homeland Security Grant allocations, DHS Critical Infrastructure/Key Resource and event rankings, and transactional assessments for the Committee on Foreign Investment in the United States. He has worked extensively with State and Major Urban Area Fusion Centers both on behalf of federal programs and in support of local initiatives, and he is an authority on domestic intelligence information sharing. Prior to joining CENTRA, Mr. Showalter practiced environmental law, evaluating and litigating the liabilities associated with releases of hazardous materials. He started his career as a military Counterintelligence Agent, where he supported numerous offensive and defensive operations and served as a certifying authority for physical, information, and personnel security programs at classified facilities around the world. Mr. Showalter is a member of the Massachusetts Bar and a certified Government Privacy expert, and he carries a Master’s degree in Homeland Security Leadership.
Michelle Sipple  
National Product Line Executive  
Inland Marine U.S. & Canada Region  
AIG Property Casualty

Ms. Sipple is the Inland Marine Product Line Executive for AIG’s property business. She is responsible for managing the inland marine portfolio in the United States and Canada. Prior to joining AIG in January of 2013, Michelle served as the Vice President of Inland Marine for ACE Westchester Insurance Company where she was responsible for profit and growth of the inland marine portfolio in the Northeast Region. She has over 20 years of underwriting and marketing experience, serving in various underwriting management roles for Chubb and Fireman’s Fund. She served on the Inland Marine Underwriters Association Board of Directors for the past year. Michelle is a graduate of Temple University and holds a Bachelor of Business Administration with a concentration in Finance.

RADM Steven G. Smith, USN (Ret.)  
Director - Office of Disaster Planning  
U.S. Small Business Administration

Senior Government Executive (SES) responsible for disaster recovery planning, agency risk management, and facilitating the coordination of SBA agency wide resources contributing to economic recovery following disaster. Completed a 34-year military career and joined SBA in 2008 following several years of private sector business experience. His small business experience includes Chief Executive Officer for a venture capital funded start-up company that he led through sale and acquisition. He is experienced with start-up small businesses, government contracting, building multi-business teams, and in developing and commercializing operational applications for innovative technology to meet customer requirements. He has a broad network of government and private sector contacts to help facilitate the best possible federal government support for business development and community recovery from disaster. While at SBA he has done considerable work in understanding community resilience and the complexities of disaster assistance and long term community post disaster economic recovery. A principal contributor to the development of the landmark National Disaster Recovery Framework issued in September 2011.
Suzanne E. Spaulding serves as Under Secretary for the National Protection and Programs Directorate at the Department of Homeland Security. As Under Secretary, she oversees the coordinated operational and policy functions of the Directorate’s subcomponents: Offices of Cyberspace and Communications, Infrastructure Protection, Biometric Identity Management, Cyber and Infrastructure Analysis, and the Federal Protective Service, with a mission to reduce the risk to -- and enhance the resiliency of -- critical infrastructure, secure Federal facilities, and advance identity management and verification. Ms. Spaulding has spent nearly 25 years working on national security issues for both Republican and Democratic Administrations and on both sides of the aisle of Congress. She was most recently a principal in the Bingham Consulting Group and Counsel for Bingham McCutchen LLP in Washington, D.C. Prior to joining the private sector, she served as the minority staff director for the U.S. House of Representatives Permanent Select Committee on Intelligence for Ranking Member Jane Harman (D-CA), and as general counsel for the Senate Select Committee on Intelligence. She also spent six years at the Central Intelligence Agency (CIA) and served as senior counsel and legislative director for U.S. Senator Arlen Specter (PA). In 2002, she was appointed by Virginia Governor Mark Warner to the Secure Commonwealth Panel, established after the attacks of September 11, 2001, to advise the governor and the legislature on preparedness issues in the Commonwealth of Virginia. Since then, Ms. Spaulding has worked with key critical infrastructure sectors including the nuclear power, electricity, and chemical sectors, and served as Security Counsel for the Business Roundtable. Ms. Spaulding served as the executive director of two congressionally mandated commissions: the National Commission on Terrorism, chaired by Amb. L. Paul Bremer III, and the Commission to Assess the Organization of the Federal Government to Combat the Proliferation of Weapons of Mass Destruction, chaired by former CIA Director John Deutch. She was assistant general counsel at the CIA, including a position as legal adviser to the Nonproliferation Center, and also spent several years in private practice. In addition to running national commissions on terrorism and weapons of mass destruction, she has served on commissions on cybersecurity and homeland security, convened and participated in numerous academic and professional advisory panels, and is a frequent commentator in publications, media, and before Congress. Ms. Spaulding was a Senior Fellow at George Washington University’s Homeland Security Policy Institute. She is the former Chair of the American Bar Association’s Standing Committee on Law and National Security, and founder of the Cybersecurity Legal Task Force. Ms. Spaulding earned both her law degree and undergraduate degree at the University of Virginia.

The Honorable Paul Stockton
President
Cloud Peak Analytics

Before joining Sonecon to lead its Cloud Peak division, Paul N. Stockton served as the Assistant Secretary of Defense for Homeland Defense and Americas' Security Affairs from May 2009 until January 2013. In that position, he was responsible for DoD initiatives to strengthen security in the Western Hemisphere and help partner nations build their capacities to meet emerging security challenges. As Assistant Secretary, he also guided the Defense Critical Infrastructure Protection program, served as DoD's Domestic Crisis Manager, and helped lead the Department's response to Hurricane Sandy and other disasters. Stockton also served from 2010 to January, 2013 as Executive Director of the Council of Governors. Dr. Stockton was twice awarded the Department of Defense Medal for Distinguished Public Service, DoD's highest civilian award. Dr. Stockton currently serves as Scholar in Residence at George Washington University's Homeland Security Policy Institute, and as Senior Advisor to the Center for Strategic and International Studies. He is a Distinguished Visiting Fellow with the Homeland Security Studies and Analysis Institute. Prior to his tenure as Assistant Secretary, Dr. Stockton served as a Senior Research Scholar at Stanford University's Center for International Security and Cooperation, Associate Provost of the Naval Postgraduate School, and Legislative Assistant for defense, foreign relations and intelligence for Senator Daniel Patrick Moynihan (where he served with Dr. Shapiro). Dr. Stockton holds a Ph.D. from Harvard University and a BA Summa Cum Laude from Dartmouth College. His research has appeared in International Security, Political Science Quarterly, Homeland Security Affairs (which he helped found in 2005), and other peer-reviewed journals. Dr. Stockton holds a current TS/SCI clearance.
Alfred Titone
District Director
NJ District Office
U.S. Small Business Administration

Alfred J. Titone was named district director for the U.S. Small Business Administration's New Jersey district office on March 28, 2011. He brings with him a diverse business background in both non- and for-profit businesses with a concentration in marketing, sales and entrepreneurship. Mr. Titone is responsible for directing SBA’s efforts to assist over 700,000 small businesses in New Jersey with the agency’s financial, contracting, and business development programs. Additionally, he has oversight responsibilities for eleven Small Business Development Centers administered by Rutgers University, one SBA funded Women’s Business Centers and nine chapters of SCORE – Counselors to America’s Small Business, a volunteer organization that provides free business counseling. Al started his SBA career in 2008 as the branch manager of SBA’s Long Island Office. In 2009, he served as the acting district director of the SBA’s New York Office for seven months. In January of 2010, Al was appointed as the SBA’s New York deputy district director. In that position he directed the agency’s implementation of its programs and services, promoted the SBA to various business and other groups, and encouraged more lending institutions to take part in SBA programs. Prior to joining the SBA, Al served as Regional Director for the York College Small Business Development Center in Queens, NY. During his nearly six-year tenure, the organization grew considerably with significant increases in the number of counseling hours, and the dollar amount of small business client loans the center helped to facilitate. While at the SBDC, Al also served on several minority and women’s business enterprise committees. These were tasked with creating goals and participation requirements for minority and M/WBE companies in large construction projects scheduled in the borough over the following years. After earning his undergraduate degree he worked in the entertainment field for five years and returned to school to earn an MBA in marketing and management in 1988 from St. John’s University. He then ran several small businesses, including two of his own, and subsequently counseled others on various aspects of operating and owning a small business.

Mark Way
Head Sustainability Americas Hub & Director, Global Risk Management
Swiss Re America Holding Corporation

Mark Way heads Swiss Re’s sustainability activities in the Americas and is part of the company's Sustainability & Political Risk Management unit. Mark has held this position since 2006, working from Swiss Re’s Americas headquarters in Armonk, NY. He is involved in various advisory roles and leads the company's sustainability engagement with key stakeholders in the region. These range from government departments, insurers, corporations, leading NGOs, and international organizations to academia and internal units. This engagement is focused primarily on the topic of climate change, in which Mark leads a number of projects where the interests of risk management, insurance and sustainable development coincide. He currently represents Swiss Re on the Management Board of ClimateWise, the insurance industry's leadership group on climate change risk and he led Swiss Re's project team that contributed to the recent report released by New York City on building resilience to climate change. Mark is a regular speaker, and contributor to articles, on climate related risk topics. Mark joined the Swiss Re Group in 1994 working in various property and casualty marketing teams including those responsible for regions such as United Kingdom, Scandinavia and Japan. In 2001 he took over the role of Client Manager for the company's business in Greece, Cyprus and Malta. A British citizen, Mark graduated from the University College Wales (UK) having studied international politics in the United Kingdom and the United States.
Adam Wehrenberg
Business Continuity Manager, Corporate Strategy & Risk
Federal Reserve Bank of Boston

Adam Wehrenberg has 10 years of experience managing emergency preparedness and continuity programs at the organization, jurisdiction, and regional level. As Business Continuity Manager for the Federal Reserve Bank of Boston, he coordinates Bank-wide contingency planning objectives to enhance the resiliency of critical business functions. He is the former Regional Catastrophic Preparedness Grant Program (RCPGP) Project Director for the City of Boston Mayor’s Office of Emergency Management (OEM). In this capacity, he oversaw catastrophic planning activities spanning multiple project areas within the three-state New England Regional Catastrophic Preparedness Initiative (NERCPI), including the nation’s first regional framework to integrate public safety and IT personnel in response to critical cyber disruptions. He has presented frequently at national and industry conferences on the importance of integrating IT and emergency management. He also served various roles at OEM within the planning, logistics, and operations branches during several emergency management response and recovery activations, including Superstorm Sandy, the historic February 2013 Nor’easter, and the Boston Marathon bombings. Previously, Mr. Wehrenberg served as Public Safety Manager for Emergency Preparedness at the Massachusetts Convention Center Authority (MCCA), where he facilitated a series of preparedness projects, including response plans for the 2009 influenza A/H1N1 pandemic. Mr. Wehrenberg began his career at Boston OEM managing critical infrastructure projects under the Metro-Boston Urban Area Security Initiative (UASI) program, before joining the MCCA. He earned his BA in Political Science from Stonehill College.

Chris White
Vice-President, Federal Affairs
Insurance Bureau of Canada

Chris has over 20 years of experience in public and government relations, and in strategic communications planning in both the public and private sectors. Prior to joining IBC, he worked as Chief of Staff for five federal cabinet ministers. His executive positions in the private sector included Vice-President, Government Relations and Public Affairs and Vice-President, Government Relations in the auto and finance industries. Having joined IBC in 2011 as Vice-President, Federal Affairs, he oversees the daily operations of IBC’s office in Ottawa and directs the P&C insurance industry’s strategic and government relations efforts in the nation’s capital. Chris holds a master’s degree in political science from the University of Windsor and an undergraduate degree in political science and graduate diploma in international development from the University of Ottawa. He is active with Special Olympics.

Dr. Andries Willemse
SVP Global Technical Services
Crawford & Company

Dr. Andries Willemse is responsible for the global management of GTS® (Global Technical Services), a world-wide unit of Crawford & Company that specializes in adjusting large and or complex losses in more than 70 countries. He manages the global GTS strategy and project plans, development and implementation of the GTS brand and value proposition and the management of Crawford and Company’s Global Large Loss Database. Dr. Willemse was appointed as the manager for Sub-Sahara Africa in 2004, which included responsibility for Seychelles, Mauritius and Madagascar. In 2007 he relocated to the United Kingdom to serve in a compliance function and to the U.S. home office in 2008. During his career, he worked in more than 55 countries. As a registered international financial accountant he previously worked within the commercial and development banking sectors, consulting and legal environments. He holds doctorate and master’s degrees in Business Administration / Strategy. His studies were focused on elements of strategic re-engineering of capacity development, values and ethics in the professional services industry.
Roy Wright
Deputy Associate Administrator for Mitigation
Federal Emergency Management Agency

Roy E. Wright serves as FEMA's Deputy Associate Administrator for Mitigation. He is responsible for the risk analysis and risk reduction programs under FEMA's Stafford Act authorities and the National Flood Insurance Program. Mr. Wright is also responsible for FEMA Disaster Reservists within the Mitigation Cadre as well as the delivery of environmental and historic preservation technical assistance and compliance across all FEMA programs. Collectively, these programs promote a risk-conscious culture and address long-term vulnerabilities in communities across the Nation. Mr. Wright led the interagency development of the National Mitigation Framework required by the Presidential Policy Directive on National Preparedness (PPD-8). In the Directive the President said, “Mitigation stands as a critical linchpin to reduce or eliminate the long-term risks to life, property, and well-being.” Spanning across community planning, critical infrastructure, public health, and future land use, the National Mitigation Framework lays out the core capabilities and strategies required to understand threats and hazards that, in turn, feed into the assessment of risk and disaster resilience in communities. Mr. Wright served as the Program Executive for Risk MAP (Mapping, Assessment, and Planning) that delivers quality data that increases public awareness and leads to action that reduces risk to life and property. Prior to joining FEMA in 2007, Mr. Wright served as a policy advisor to the Secretary of the Interior focused on land conservation measures and led management consulting teams that improved the performance of government programs. Mr. Wright was appointed to the Federal Senior Executive Service in 2013. He holds a Master of Public Administration from The George Washington University, a Bachelor of Arts in Political Science from Azusa Pacific University. His post-graduate studies include the Senior Executive Fellows program at Harvard University's Kennedy School of Government and the Executive Leaders Program at the Naval Postgraduate School's Center for Homeland Defense and Security.

John Zillmer
Public Policy Manager for Laws, Regulations and Policy Development
Zurich North America

John R. Zillmer joined Zurich in 2007 and is the Public Policy Manager within Zurich North America's Regulatory Affairs business unit. In this role, he provides the insight and information required to develop company positions on matters of public policy, and provides guidance to Zurich's Government and Industry Affairs Department in addressing proposed legislation and regulation affecting the company. Prior to joining Zurich in 2007, John worked in regulatory compliance for CNA and practiced subrogation and insurance defense law with a small Chicago law firm. John holds a bachelor's degree from the University of Illinois at Urbana-Champaign and a Juris Doctor from ITT Chicago Kent College of Law.