

BIOS



AIRPORT PLANNING & NEPA WORKSHOP DECEMBER 4-6, 2019 RITZ CARLTON PENTAGON CITY • ARLINGTON, VIRGINIA



Rob Adams, Executive Vice President | Landrum & Brown

Rob Adams leads the Environmental Practice for Landrum & Brown. In this role, Rob provides leadership the firm's environmental services, such as NEPA, noise, air quality, and sustainability. Rob has over 25 years of experience preparing various airport environmental studies, including multiple EIS projects. In the last ten years, he has expanded his experience base by leading master plans, aviation forecasting, and non-aeronautical development planning. His combination of NEPA and airport planning experience provides him a unique perspective for addressing the issues of transitioning from planning to environmental.



Greg Albjerg, Senior Aviation Consultant, Vice President | HNTB Corporation

Greg has more than 36 years of experience in airport planning and design as well as three years as an FAA air traffic controller. He is also a registered professional engineer and an active licensed pilot with instrument rating. Greg has been directly involved in a wide variety of airport engineering, planning and environmental projects ranging from small general aviation airports to major air carrier airports. He is recognized industry-wide for his airspace and air traffic expertise. Greg combines his strong understanding of airfield planning, design and operational aspects into plans that get designed and built. His knowledge results in designs and staging that maintain maximum airport operation while projects are under construction.



Katherine Boonin Andrus, Manager, Environmental Policy and Operations Division | Federal Aviation Administration

Katherine Andrus joined FAA's Office of Environment and Energy (AEE) in 2013 and became manager of the Environmental Policy Division in 2016. Previously she worked as a lawyer representing airport communities, airport sponsors and airlines. She also has a background in historic preservation and serves as the FAA's Federal Preservation Officer, as well as the agency's NEPA Contact and National Tribal Consultation Official.



Domenic Bianchini, Senior Technical Advisor | TSA

Domenic (Nick) Bianchini is a Senior Technical Advisor for the Requirements and Capabilities Analysis (RCA) Office. Previously he served as the Manager for the Passenger Screening Program (PSP), Manager for the Security Technology Integrated Program (STIP), and Deputy Division Director for the Mission Analysis Division. As Senior Technical Advisor for RCA, Mr. Bianchini is responsible for reviewing and responding to information inquiries relating to aviation screening capabilities/system vulnerabilities and providing technical briefings to Transportation Security Administration (TSA) leadership, congressional staffers, foreign delegations, and aviation industry representatives. He is also responsible for working with international partners in the alignment of technical detection standards and common testing methodologies. As the co-chair of the International Civil Aviation Organization Working Group on Innovation in Aviation Security and TSA technical representative on the European Civil Aviation Conference Technical Task Force, Bianchini collaborates with foreign government organizations to enhance global aviation security performance. Bianchini holds a Bachelor of Science degree in Electrical Engineering from George Mason University and has received numerous recognized industry Information Technology and Program Management certifications from Cisco, Microsoft, Department of Homeland Security Level III, and Project Management Professional.



Michelle Brantley, Director of Planning | Ontario International Airport Authority

Michelle Brantley is the Director of Planning for Ontario International Airport (ONT), in sunny Southern California where she leads all planning efforts for California's fastest growing airport. Previously, Michelle was Senior Development Manager at Seattle-Tacoma International Airport, overseeing the development of requirements and standards for multiple airport projects. Michelle's passion for her work and following a project from inception to completion has followed her to ONT, where she has already begun to develop and implement world-class standards for the airport. Her number one priority is bridging the gap between all stakeholders involved in the many projects she leads. Mrs. Brantley earned her bachelor's degree, from the University of Washington, in Urban Studies and went on to pursue her master's in management and leadership from Western Governors University. Additionally, she is a certified member (CM) of the American Association of Airport Executives (AAAE). Michelle is a third-generation airport employee and virtually grew up in an airport environment.



Jeffrey W. Breeden, AICP, Airport Planner / PFC Program Manager, Washington Airports District Office | Federal Aviation Administration

Jeff Breeden is an Airport Planner / PFC Program Manager at the Federal Aviation Administration Washington Airports District Office with twenty-nine years of airport planning experience. Jeff has been with the FAA for ten years managing airport planning projects and the PFC program for Maryland and Virginia. In addition he is an adjunct instructor at the FAA Academy in Oklahoma City for the FAA Master Plan Course. Prior to coming to the FAA, Jeff worked for several airport consulting firms over the course of nineteen years with experience in the preparation of airport master plans, environmental assessments and Part 150 Noise Studies.



Kane Carpenter, Environmental Manager | Austin-Bergstrom International Airport

Kane is the environmental manager for Austin-Bergstrom International Airport. He is a licensed Professional Geologist in Texas and is actively involved in the Airport Cooperative Research Program. Kane was hired soon after the Austin airport opened in 1999 from the consulting community to develop and manage the airport's environmental compliance programs. He now oversees compliance, airport site permitting, airport resource management, drainage infrastructure and sustainable programs.



Thomas Cuddy, Environmental Protection Specialist | FAA Office of Airports

Thomas Cuddy is an expert in transportation policy and development with experience on Airports, Highways, Rail, Spaceports, and other projects. He is the lead for FAA's airport sustainability initiative, promoting environmental principles and sustainability with industry and international partners through policies, research and development, and airport infrastructure financing. Since 2010, Tom has served on ICAO's Airports and Operations working group, part of the Committee on Aviation Environmental Protection. He has led FAA research studies on air quality, community engagement, and market-based climate scenarios, and has worked on numerous ACRP projects. In the past few years, he has applied this expertise to special assignments with the White House Council on Environmental Quality, the U.S. Global Change Research Program, and other organizations. Prior to Airports, Tom was with FAA's Office of Environment and Energy. In that position he provided national level guidance for all lines of business on environmental programs and policies, held the role of Federal Preservation Officer (FPO), and served as FAA liaison to the Office of the Secretary and several other inter-agency organizations. Tom holds a PhD from Columbia University and has worked in the public and private sectors as well as academia. Prior to joining the FAA he worked for ICF International, URS Corporation, and the University of Maryland.



Jennifer Dermody, Director | Jacobsen | Daniels (J|D)

Jennifer Dermody is a Director of Planning for Jacobsen | Daniels where she leads a team of aviation professionals to provide superior planning services to both airport and FAA clients. Prior to joining J|D, Jennifer was a planner at the Metropolitan Washington Airports Authority and was responsible for all airfield and airspace planning for Reagan National and Dulles International Airports. Jennifer also worked for the FAA Eastern Region Airports Division and the New York Airports District Office. With over 25 years in the industry, Jennifer's varying roles in airport planning provide her a unique and well-rounded perspective to address complex aviation planning projects.



Steven Debban, P.E., National Resource Expert for Airport Design | Federal Aviation Administration Airports Engineering Division, AAS-100

Steve Debban is the National Program Manager of the FAA's safety award-winning Runway Incursion Mitigation (RIM) Program. Steve is a civil engineer with a professional engineer's license in the Commonwealth of Virginia and a civil engineering degree from Michigan State University. He joined the FAA's Office of Airports, Safety & Standards in July, 2012. Before joining the FAA he worked as an airport and highway design consultant for over 15 years. With the FAA, Steve works on a myriad of programs but his focus is on airport geometry, spaceports/airports integration, aircraft/airport compatibility, 777-X airport integration, wrong surface event mitigation and research, and more recently the update to Advisory Circular AC 150/5300-13A, Airport Design. Steve is also a member of 2 ICAO committees: the Aerodrome Design Working Group and the Aerodrome Reference Code Task Force.



Kent Duffy, FAA Airports Planning & Environmental Division (APP-400) | FAA

Kent Duffy is an operations research analyst in the FAA's Office of Airports, supporting initiatives related to airport capacity as well as technical and strategic planning. He serves as the FAA's National Resource Expert on Airport/Airspace Capacity. Prior to joining FAA, he worked in the consulting industry supporting large-scale airport development projects. Kent has a BS in Aeronautical Science from Florida Tech, and a Masters in Public Policy from George Mason University. He's also worked as a flight instructor.



Mary Ellen Eagan, President | HMMH

As President, CEO, and Chairman of the Board of Directors of HMMH, Mary Ellen is responsible for providing strategic leadership for the company and management to establish long-term goals, strategies, plans, and policies. Ms. Eagan became HMMH's third President in July 2004 and was appointed CEO and Chairman in 2012. In addition to her corporate responsibilities, Ms. Eagan is principal-in-charge for some of the firm's most challenging projects, including noise studies for the Port Authority of New York and New Jersey and on-call consulting at a number of airports, including Boston-Logan and Los Angeles International. Her current assignments include noise studies at Newark, Teterboro, East Hampton, and Lantana Airpark. Ms. Eagan is very active in the industry, and is frequently recruited to speak on emerging airport noise issues at conferences in the US and internationally. Her leadership positions have included serving as Chair of the Transportation Research Board's Aviation Group, and the Airport Consultants Council. She is also actively involved with Airports Council International, currently serving as vice-chair of the Noise Working Group and a Business Partner to the ACI World Environment Standing Committee.



David Full, AICP, Vice President, Aviation Environmental Service Group | RS&H

Mr. Full serves as RS&H's Environmental Planning Service Group Leader for aviation-related projects. He is responsible for the completion of environmental review and analyses in compliance with the National Environmental Policy Act as well as state environmental laws. He has prepared hundreds of CATEXes, more than 50 EAs, six EISs, and more than 20 Part 150 Studies for general aviation and air carrier airports throughout the United States. Current projects include an EA for the reconstruction of Runway 2-20 at Kahului Airport, an EIS for the replacement terminal at Hollywood-Burbank Airport, the EIS for the AirTrain at LaGuardia Airport, and the EA for the runway extension at Albert J. Ellis Airport. He has a Master of Urban Planning from the University of Washington and a Bachelor of Arts in Urban Planning from the University of Illinois.



Mike Hines, Manager, Planning and Environmental Division, Office of Airport Planning & Programming | Federal Aviation Administration

Mike Hines has over 30 years of aviation planning experience. He is currently the Manager of the Planning and Environmental Division in the Office of Planning and Programming in the Federal Aviation Administration Office of Airports. This Division provides comprehensive guidance on airport planning including coordinating forecast review, managing the NPIAS, airport-airspace capacity analysis, and supporting the FAA's NextGen initiatives. The Division also helps airports implement the National Environmental Policy Act (NEPA) and other Federal environmental laws and regulations including airport noise compatibility planning (Part 150). Prior to joining the FAA Mr. Hines held several positions at the Metropolitan Washington Airports Authority (operator of Washington Dulles International and Ronald Reagan National Airports) including airport planner, environmental planner and Manager of the Authority's Planning Department. Mike also spent more than 20 years as an aviation consultant where he prepared airport master plans and conducted a variety of comprehensive planning studies and technical analysis for a diverse aviation customer base consisting primarily of large and medium size commercial service airports.



Roger Johnson, Airports Program Executive | Jacobs

Roger Johnson has over 40-years of construction, construction management, program management, engineering, environmental management and planning experience. Roger recently retired as the Deputy Executive Director of Los Angeles World Airports (LAWA) where he managed; planning, engineering, environmental and development for Los Angeles International Airport (LAX), Ontario International Airport (ONT), Van Nuys General Aviation Airport (VNY) and Palmdale Regional Airport (PMD). For the last 17 years of his career with LAWA he led the Airports Development Group. In this role he established and managed an organization that completed over \$8 billion in capital improvements with an addition \$3.3 billion of work in progress and approximately \$6.5 billion in procurement. Roger oversaw the City of Los Angeles' first use of Construction Management at Risk (CMAR) Design-Build (DB) and Progressive Design Build (PDB). He also oversaw the first Public Private Partnership (P3) procurements within the City. Throughout his career Mr. Johnson has directly led the planning, procurement and/or construction management of approximately \$18 billion of capital improvements on airports



Katie Lamond, P.E., Environmental and Sustainability Specialist | Port Authority of NY & NJ

Katie is an Environmental and Sustainability Specialist within the PANYNJ Aviation Department. She provides NEPA, sustainability, and environmental compliance support for JFK International Airport, Newark Liberty International Airport, La Guardia Airport, Teterboro Airport, and New York Stewart International Airport. Prior to her current role, Katie was the Environmental Manager for JFK Airport. Before joining the PANYNJ, she was a consultant for 10+ years doing remediation and compliance work for environmental engineering firms.



John A. Lengel Jr., P.E., ENV SP, Vice President, Environmental Stewardship and Resiliency | RS&H

Over the last 30 years, John has worked with dozens airports from large hubs to general aviation airports helping to solve environmental challenges. Through this experience, John has gained a holistic view of how airports operate, develop and conduct business. He brings an understanding of the nuances to successful airport management — safety, costs, environmental impacts, operational implications, airport development issues, management of assets, tenants and customer satisfaction. John leads RS&H's Aviation Environmental Stewardship and Resiliency service group providing tailored resiliency solutions and guidance. John also leads ACI's World Environment Standing Committee (WESC) Task Force on Climate Adaptation and is a participant in ICAO Working Group 2 Climate Adaption Tasks 6 and 7 helping to develop adaptation guidance for ICAO. In addition to individual airport-specific projects, John was a key contributor to industry-wide research publications including ACRP Report 147: Climate Change Adaptation Planning: Risk Assessment for Airports and ACRP Report 188: Using Existing Airport Management Systems to Manage Climate Risk.



Max Li | Massachusetts Institute of Technology

Max Li is a PhD Candidate in the Department of Aeronautics and Astronautics at the Massachusetts Institute of Technology. Previously, he received a B.Eng in Electrical Engineering and Mathematics and a M.Eng in Systems Engineering from the University of Pennsylvania, both in 2018. His research interests include air traffic flow management, aviation systems modeling, and applied mathematics, particularly graphical models, geometric, and topological methods. He is a recipient of the 2019 Airport Cooperative Research Program (ACRP) Graduate Research Award, the 2019 Wellington and Irene Loh Fellowship, the 2018 FAA RAISE award, a NSF Graduate Research Fellowship, a Best Master's Dissertation Award, and best paper awards from the 2019 ATM Seminar and 2018 IEEE NAECON.



Kelly Moulton, Director | C&S Companies

From general aviation to commercial service airports, Kelly Moulton has more than 15 years of aviation environmental, planning and project management experience. Her technical background includes airport master plans, airport layout plans, land use and facility planning, environmental planning under NEPA & CEQA, regional system planning, sustainability planning, FAA grant coordination, alternative project delivery and airport capital improvement planning. As a former airport employee, Kelly also provides unique perspective and insight having worked at airports of varying size and type facilities.

Gail Orendorff, Senior Attorney, Environmental Law Branch | Federal Aviation Administration

Gail Orendorff is a Senior Attorney and Acting Branch Manager of the Headquarters Environmental Law Branch in the Airports and Environmental Law Division of the Office of Chief Counsel. Ms. Orendorff has been with the FAA since 2003, and has a background in environmental litigation and environmental law compliance. She has worked extensively with the Office of Airports on environmental approvals for airport development projects, as well as policy matters for the Airports Line of Business. Prior to joining the FAA, Ms. Orendorff worked for the Department of Justice’s Environmental and Natural Resources Division, where she defended federal agencies’ compliance with environmental laws and regulations.

Chris Oswald, Senior Vice President, Safety & Regulatory Affairs | ACI-NA

Chris Oswald is the Senior Vice President for Safety and Regulatory Affairs at ACI-NA. He advocates for airport operator interests in airport technical and regulatory forums in the U.S., Canada, and internationally. With the support and involvement of ACI-NA member airports, Mr. Oswald also develops best practices, policy positions, and technical guidance for the North American airport community. Oswald has over 25 years of experience in the airport industry. Prior to joining ACI-NA in 2008, he was with LeighFisher, where he led the firm’s airfield/airspace practice area and was responsible for managing numerous airport master plans, airspace planning studies, airfield improvement & capacity enhancement studies, and benefit-cost analyses. He has also worked for AvAirPros and P&D Consultants.



Melinda Pagliarello, Senior Director, Environmental Affairs | ACI-NA

Melinda Pagliarello is Director, Environmental Affairs at ACI-NA. In this role, she has primary responsibility for ACI-NA’s activities in aviation environmental matters and sustainability. She monitors and reports on international and federal agency actions, programs, requirements, research and regulations affecting environmental matters for airports and aviation at North American airports. Specific areas of focus within Melinda’s portfolio include airport noise; land use policies; air and water quality; airport sustainability initiatives; wildlife and natural resources management; and the range of environmental regulations, policies, and procedures that affect airports in the U.S. and Canada. Melinda has more than 15 years of experience in the airport industry. Prior to joining ACI-NA in 2017, she was with Booz Allen Hamilton, where she led projects for the FAA’s Office of Environment and Energy, and Systems Operations, as well ACRP projects related to air quality and common performance metrics. Melinda has also worked for LeighFisher, PBS&J, and Landrum & Brown.



Brad Rolf, PE, National Practice Leader- Aviation Environmental | Mead & Hunt, Inc.

Brad Rolf has more than 20 years of experience as an aviation planner. His responsibilities are concentrated in the preparation of planning and environmental documentation, including environmental impact statements (EISs), environmental assessments (EAs), environmental review analysis in support of categorical exclusions greenhouse, gas (GHG) inventories, sustainability programs, and FAR Part 150 studies. Additionally, Brad leads Mead & Hunt’s aviation services, including planning and environmental, for the Rocky Mountain and south central regions.



Frank Smigelski, Senior Environmental Specialist | FAA Washington Headquarters, Airport Planning and Environmental Division

Frank has 32 years of experience performing environmental work with the federal government. Frank joined the FAA in 1996 and has worked for the New England Region, the Washington Airports District Office and HQ. He has also worked for the Army Corps of Engineers and the Volpe National Transportation Systems Center. He has experience in NEPA work including approximately 30 Environmental Impact Statements and many Environmental Assessments. Frank helps develop environmental policy, such as FAA’s Order 1050.F Environmental Impacts: Policies and Procedures and the Airports CATEX SOP. Prior to his federal service he taught middle school Physical Science in Roanoke, VA. He holds a Bachelor of Science in Biology from Roanoke College in Salem, Virginia and a Master of Science in Engineering from the University of Massachusetts, Lowell.



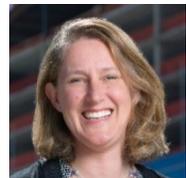
Mary S. Smith, PE, Senior Vice President | Walker Consultants

Mary Smith is widely acknowledged as one of the leading parking planners in the world. She has been with Walker Consultants for 43 years, and authored many publications with her latest book, the 3rd Edition of Shared Parking coming out next month. In the past few years, Mary has been heavily involved in researching and speaking on the impact of ride-hailing and autonomous vehicles on parking.



Katie van Heuven, Partner | Kaplan Kirsch & Rockwell LLP

Katie van Heuven is an expert on a broad range of environmental and land use issues who specializes in airport and transportation projects. She frequently advises clients on projects involving federal environmental reviews under the National Environmental Policy Act and related local land use regulations. Katie has extensive experience advising airport sponsors on matters involving compliance with Federal Aviation Administration rules and regulations applicable to planning and environmental review for major airport projects. She provides strategic counsel to numerous airport sponsors on matters related to compliance with federal grant assurances, drafting minimum standards and rules and regulations, and securing FAA approvals related to land acquisition and development. Katie has also litigated airport cases in multiple federal courts of appeal.



Mary L. Vigilante, President | Synergy Consultants, Inc.

Ms. Vigilante has over 40 years of experience in with conducting environmental studies focused on our nation’s airports. Her experience in airport environmental planning is unusually diverse and includes preparation of:

- National Environmental Policy Act (NEPA) documents and documents to meet state NEPA-like equivalents;
- Greenhouse gas inventories, climate action plans, air quality assessments/clean air act conformity, and air quality planning;

- Sustainable airport master plans or sustainability management plans; and
- Noise abatement and land use compatibility programs/Part 150 Studies

Mary has served as project manager as well as technical advisor to airports considering airport development projects, undertaking complex environmental reviews, preparing sustainability plans, and managing greenhouse gas and criteria pollutant emissions.

William J. Willkie, Senior Environmental Planner | RS&H

Mr. Willkie has more than 35 years of airport and aviation environmental planning experience. His experience includes management and/or technical leadership of NEPA studies for airport development and airspace actions, as well as noise compatibility studies under FAR Part 150. He has worked at airports ranging from small GA facilities to major connecting hub airports across the nation. A nationally recognized expert in airport and airspace NEPA, he has held leadership positions in the environmental committees of the ACI-NA and ACC. He is a founding member of the ACI-NA, ACC and FAA sponsored NEPA instruction course series and has been a curriculum developer and instructor in this course series since its inception.



Jen Wolchansky, Senior Environmental Planner | Mead & Hunt

Jen Wolchansky is a project manager who specializes in environmental, sustainability, and resiliency planning. She is a certified planner under the American Institute for Certified Planners and a certified Envision Sustainability Professional. Jen leads sustainability and resiliency planning for airports and other organizations, addressing growth and facility needs, considering the need to minimize financial, operational, social and environmental impacts, and assisting organizations to prepare for and adapt to climate change. Jen is extremely passionate about sustainability and climate adaptation, but when not at work, she partakes in environmental appreciation by rock climbing, trail running, mountain biking, and snowboarding. It's no wonder she wants to take care of our planet.



Jean Wolfers-Lawrence, Environmental Specialist | FAA

Jean is an Environmental Specialist within FAA's Office of Airports, Airport Planning and Programming (APP). As an Environmental Specialist in APP Jean is part of the team working on FAA's current One Federal Decision project, the LGA Access Improvement Project EIS. Additionally, Jean has been heavily involved in FAA's response to the Infrastructure Permitting Dashboard and environmental streamlining initiatives.



Joan Zatopek, Aviation Planning and Development Manager | Oakland International Airport

Joan has over 30 years of experience in airport and transportation consulting, has worked for the Port of Oakland since 2006 and has served as the Aviation Planning and Development Manager since 2014. In her current role she directs the 8-member team in planning, funding and managing the Aviation Capital Program which averages \$100m annually; long-range airport planning efforts; and coordination with industry agencies and organizations. Recent key projects have included the Runway 12/30 Rehabilitation Project, the \$200M Terminal 1 Renovation Program, a \$45M International Arrivals Building upgrades, and the Perimeter Dike improvements. She is a graduate of Texas A&M University with a BSCE and is a licensed professional engineer. She is a member of the TRB Airport Terminal and Ground Access Committee and the ACI Operations and Technical Affairs Steering Committee.

