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Tailoring Business Continuity with Crisis Response Software to Produce Valuable Environmental Management Tools

By

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Abstract

In industry, environmental professionals are often faced with utilizing complex software applications to support data collection, performance measurement, and quality assurance. Software applications are often configured to satisfy a specific environmental regulation, with little room for beneficial customization. This lack of adaptability often results in customer reliance on multiple software applications, contributing to operational silos. A global airport faced such challenges when adopting and implementing an environmental management software system to support daily operations and environmental responsibilities. Various software systems were needed to support program needs including data management, operations, environmental performance and verification, performance metric tracking, environmental aspect and risk management, and emergency response. Rather than investing in multiple applications, requiring outside consultation for system set-up and administration, the Airport customized one versatile online application originally designed to support business continuity and crisis response. Due to its versatility, the program is used to promote systems performance by a wide range of industries including transportation, finance, municipalities, health care, and more. The airport now employs a multi-functional program tool that not only assists with the management of FAA Airfield Inspections, but also environmental inspections, BMP implementation, performance measurement, risk assessment, and emergency response. The organization recently incorporated hazardous chemical management and mapping to the system. The innovative tools created with the application provides significant value for not only environmental compliance, but public safety, systems performance, and asset management. This presentation will provide environmental professionals with a viable, single solution for the management of environmental responsibilities across programs while supporting business continuity and performance.

Biography

Ms. Whiteside is the Environmental Program Manager for DFW Airport's Water Section. She has worked at DFW for over 18 years assisting the airport to become a leader in environmental performance and sustainability. She holds a M.S. in Environmental Science & Management from Duquesne University and a B.S. in Chemistry from Emory University.