



safety

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Aviation Safety—Accident Investigation, Analysis and Prevention

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Message from the Guest Editors

Dear Colleagues,

Although commercial air travel is one of the safest modes of transportation, general aviation, comprised mainly of non-revenue, light aircraft (<12,500 lbs.), boasts a poor safety record with a >60-fold higher fatal accident rate. Additionally, accidents for the latter impose a financial burden on the USA of up to \$4.64 billion annually. While a modest reduction in the general aviation fatal accident rate has been witnessed over the last decade, a wide chasm still exists between this sector of aviation and air carriers. How then to improve general aviation safety? In the past, implementing changes towards improving general aviation safety have been reactive (to an accident). In contrast, more recent emphasis, certainly with air carriers, has been placed on a proactive gathering of in-flight data (e.g., via flight operations quality assurance, , etc.) towards averting future mishaps. [...]

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Special Issue