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## General Methods for Quantifying Uncertainty in Discharge Measurements

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Developing a general operational method for quantifying uncertainty in streamflow measurements has proven to be a difficult task. The Interpolated Variance Estimator (IVE), which can be applied to situations where sampling involves multiple verticals, has been shown to perform reasonably well at characterizing the nonsystematic errors associated with both irregular channel geometry and pulsating velocities. It is not obvious, however, how to generalize the procedure, or in fact find any alternative procedure, that can take advantage of the continuous current profiling associated with more sophisticated ADCP instruments. Developing a uniform and consistent operational method remains a tall and important order.