**Purpose:**

Within the input polygon features, creates a randomly generated set of points, though one designed to minimize spatial autocorrelation, using a "stratified systematic unaligned sampling" algorithm (SSUS) originally proposed by Berry and Baker (1968).

May be used in a model which provides a feature class as input. Example uses a Select tool for this purpose, and applies a negative polygon buffer to reduce edge effects. Example model also sends the SSUS sample points to a Sample tool.


**Author:**

Jerry Davis, Director, Institute for GIScience, SFSU