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**Stochastic simulation as an alternative (or supplement)
to decadal predictions**

Arthur GREENE

*International Research Institute for Climate and Society, Columbia University,
USAamg@iri.columbia.edu*

*Lisa Goddard, International Research Institute for Climate and Society, Columbia University
Presenter : Arthur Greene*

The need for regional climate information extending one or more decades into the future can be addressed by various means, including the generation via statistical models of quasi-random data sequences. These sequences can be conditioned on the characteristics of observed variability (thus deriving value from climatology) while incorporating climate change expectations from complex dynamical models and possibly other sources. In this presentation aspects of simulation design, including potential synergy with initialized dynamical predictions, are illustrated with applications in contrasting regions.