

# **Stochastic Hydrology 622 U3600**

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## **Homework 9 – SSGM Design Storm Hyetograph**

1. Construct a simple scaling, dimensionless design hyetograph with 24 time increments using the storm rainfall data in the file SSGM\_rainfall\_data.xls.
2. Plot and compare the time variation of hourly rainfalls of the real storm events and corresponding design storms based on the SSGM hyetograph developed in Problem 1.