

**Work Flow** 

## Comparative Analysis of Parameter Optimization of Theoretically Consistent IDF Models of Rainfall Intensity



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## 7-Parametric IDF Model Applicable for 1-Hour to 16-years Precipitation in 'Freiburg' (example station)



Purpose:

Regional Modeling of precipitation extremes based on the parameter values extracted from the Intensity Duration Frequency (IDF) Model

Importance:

To provide predictions for urban storm waters and floods at both sampled/unsampled sites



re: To deal with spatial variability of extremes by effectively handling data discrepancies