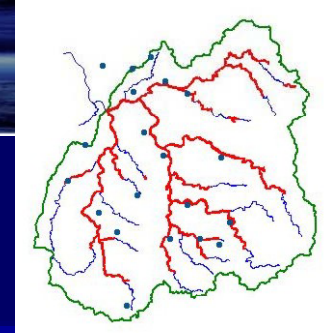


## Tutorials - Question!..?.

- Study the different types of models used for runoff calculations for a given rainfall. Compare the black box models, lumped models and physically based models, with advantages and limitations of each.
- For a typical watershed, compare various Empirical equations available in literature for the calculation of runoff for the given rainfall.
- For a given rainfall depth, calculate the runoff using each method & compare the results.
- Get necessary standard values for each method from the literature.

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## Self Evaluation - Questions!.

- Why models are required for watershed planning & management?.
- Differentiate between black box models, lumped models & distributed models.
- What are the important model selection criteria in watershed modeling?.
- Discuss important Empirical equations used for runoff calculations for a given rainfall.