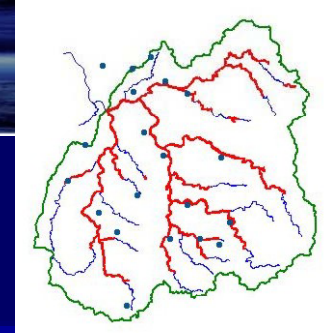


Tutorials - Question!..?.

- Illustrate various hydrological processes from rainfall to runoff in watershed based modeling.
- For a typical watershed, assess the important hydrological processes and discuss various models available to analyze these processes. Describe the merits & demerits of each models.
- For a selected watershed, how to find the runoff for a given rainfall event?. Illustrate with examples.



Self Evaluation - Questions!.

- Describe different categories of deterministic hydrologic models?.
- What is the importance of physically based watershed modeling?.
- Describe the St. Venant equations with its applications, assumptions and importance.
- Compare the following lumped, semi distributed and distributed models: HEC-HMS; SWMM & MIKE 11 models. Discuss the applications, advantages & disadvantages of each model.