







## Definitions See Chapter 16 of Geology of New York

- Hydrogeology: the study of surface and groundwater in relation to local geology.
- Hydrology: the study of water movement.
- Surface waters: water in rivers, streams, and lakes.
- Groundwater: water found beneath the surface of the earth. It is absorbed by surface material and is stored in and moves through <u>aquifers</u> (porous layers of rock material).

## What is a watershed?

- ✓ Watershed (also called drainage basin or river basin): the area of land where all collected water flows to the same place (outlet). Watersheds range in scope from continental- to community-sized.
- Watershed divide: high ground that separates the flow of water within a watershed (drainage boundary).
- The US EPA identifies 57 watersheds within NYS (subdivisions of continental and major drainage basins).
- > NYS DEC identifies 17 drainage basins.

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