



2020 Key Topics and Learning Objectives

Water Resource Management: Local Control and Local Solutions

Key Topics:

1. Understanding how groundwater and surface water systems function.
2. Understanding the importance of water quality and quantity as a foundation in a healthy ecosystem
3. Understanding a variety of water quality indicators in different landscapes.
4. Understanding a variety of water quantity indicators in different landscapes
5. Understanding how sustainable and best management practices enhance and protect water quality and quantity for humans and wildlife.
6. Understanding the differences of local, regional, and national systems that manage natural resources and the importance of each in water resources.
7. Understanding the social, economic, political impacts of natural resources management and decision making.

2020 Learning Objectives and Resources:

One of the main resources that will be studied will be the DELG's document, **Working Together to Build a Water Strategy for New Brunswick 2018-28.**

Key topics will include:

- Understand the ability of the Department of Environment and Local Government to implement local policy and local management to protect water users;
- Understand administrative structures and processes for managing water uses and supplies;
- Understand ground and surface water hydrology and connectivity;
- Understand the economic, social and environmental impacts of projects and policy decisions.