



# Canadian Forestry Accreditation Board Bureau canadien d'agrément en foresterie

## Standard 8A: Forest Management

**Principle:** Forest management balances ecological, social and economic demands with the capacity of forest resources to provide for present and future values. These competencies provide a comprehensive background in the practice of professional forestry including understanding the regulatory framework, understanding, developing and implementing strategic, tactical and operational plans, and forest level monitoring.

### Demonstrable Competencies and Competency Elements

Graduates of an accredited forestry program shall be able to:

#### 8A.1 Discuss the forest management process, and its requirements and levels.

- Components of the forest management process
- Purpose of forest management planning
- Domestic and global trends
- Concepts and applications of sustainability
- Strategic, tactical and operational planning levels

#### 8A.2 Design stand and forest-level plans.

- Legal and policy requirements
- Stakeholder consultation
- Forest values (ecological, social, and economic)
- Current stand and forest-level conditions
- Management objectives and constraints
- Stand-level actions (silviculture) and forest-level scenarios to attain different management objectives
- Stand-level projection models
- Landscape/forest-level projection models
- Performance measurement criteria and methodologies

#### 8A.3 Develop operational plans.

- Business and operational objectives and constraints
- Resources required
- Basic operational planning including forest access, silviculture, protection, harvesting, monitoring, etc.