



# Forestry: A Career Opportunity



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Senior Forester

# How I got Here

- **High School**
- **College**
- **Forestry at University of New Brunswick**
- **Diversity of duties**
- **Blend of Science/Engineering/Business**
- **The Best Part.....**





How do you  
get to work?

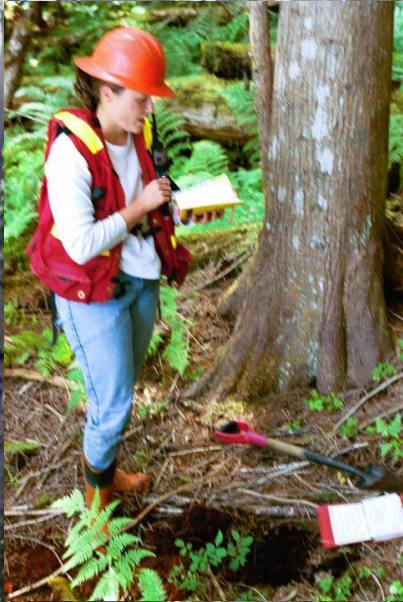


# Where do we stay?





# What do we do?





# Engineering

- Identify an Area
  - LIDAR
  - Recce Walk
  - Access
  - Road Layout
  - Helicopter



# Engineering

- Issues to Consider

- Terrain
- Harvest System
- Plantability
- Other Resource

## Values

- Fish
- Wildlife Habitat
- Visuals
- Archaeological
- Safety!





# Engineering

- Mark and Map Areas
- Stream Prescriptions
- Professional Assessments
- Road and Bridge Design
- Silviculture Prescription

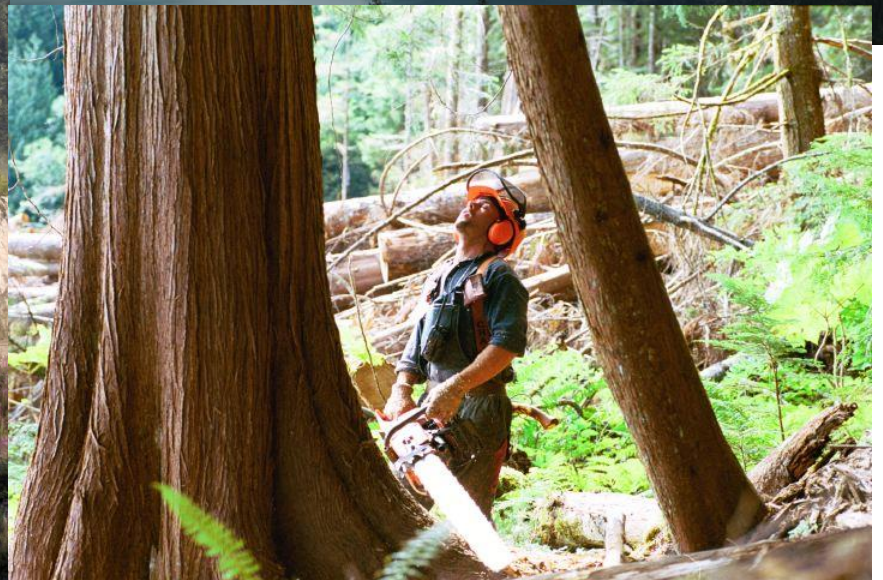




# Contract Supervision









# How do we get to the blocks



# Silviculture

- Pre-harvest Ecological Assessment and Planning
- Post Harvest Treatments
- Planting
- Conifer Release - Brushing
- Surveys
- (Pruning, spacing etc)

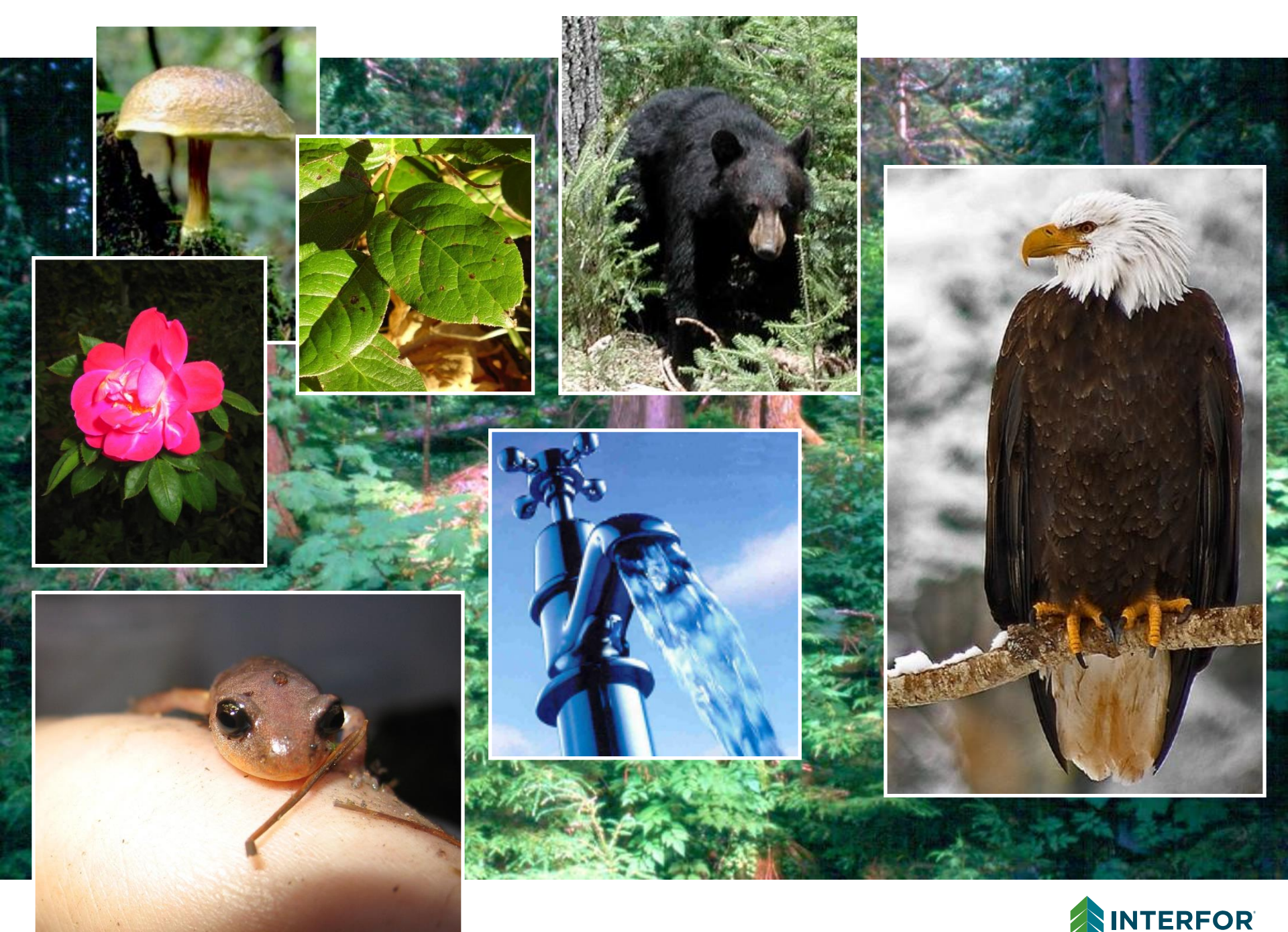




# Ecological Assessments

- Record site ecology  
(species, elev, BEC, etc)
- Silviculture Plan  
(Silviculture system, Stocking standards, reforestation, etc)
- Site Plan Maps







# Survey



- Record Species, Height, Density, and Health
- Walk or Survey Blocks
- Aerial recce
- Record management concerns ( brush, non productive areas, slides)
- Make Management Decisions

# Planting



- Order seed
- Order seedling stock
- Develop the project
- Supervise contractor
- Quality checks
- Planting admin

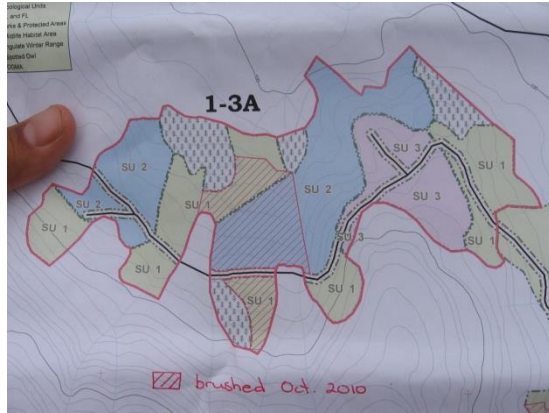


# Brushing

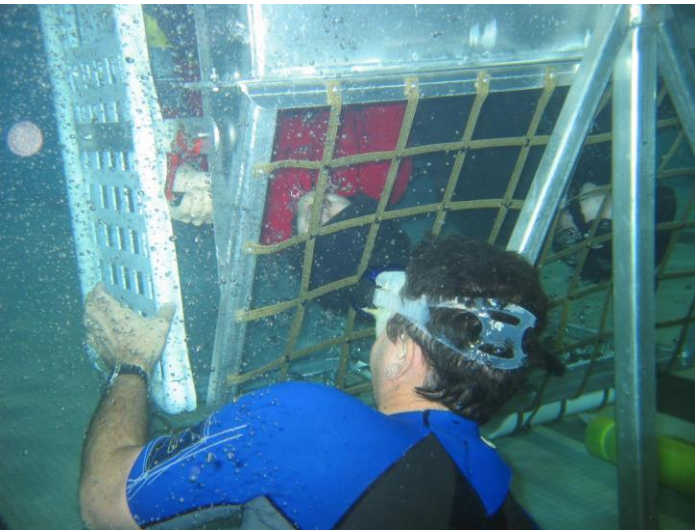
- Block Assessments
- Supervise Contractor
- Quality Assessment
- Brushing admin (maps, safety, contracts, Pest Management Plans, First Nations consultation)



# Job Skill and Training



- First Aid
- Orienteering
- Radio Procedures
- Boat Operation
- ATV
- Chainsaw operation
- S100 Fire suppression
- Wildlife Danger Tree Assessor
- Aircraft Egress Training
- GIS mapping, database management, computer software, remote sensing







What kinds of  
careers are possible  
working with and in  
the forest?





# Perks of the Job



# Consider a Career in Forestry!

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- Love the outdoors?
  - Generalist – Variety!
  - Technological Industry
  - Practical Application
  - A “growing” Industry
  - Huge Career Opportunities & Career Paths
  - University or College
- 
- See some Amazing Places

It's FUN!



# How do you get there from here?

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All 4 of UBC's programs are Bachelor of Science degrees...students need their Sciences!

**English 11 and 12**

**Math 11 and 12**

**One of Biology 12, Chemistry 12 or Physics 12**

**Two of Biology 11, Chemistry 11 and/or Physics 11**

**One other Grade 12 and a Social Studies course**

(check with the school/program as requirements may differ slightly)



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

THOMPSON RIVERS UNIVERSITY



VANCOUVER ISLAND  
UNIVERSITY



College of New Caledonia

UNBC UNIVERSITY OF  
NORTHERN BRITISH COLUMBIA



Selkirk  
College





A low-angle photograph of a dense forest of tall, slender evergreen trees. Sunlight filters through the canopy, creating a dappled light effect and long, soft shadows on the tree trunks. The sky is visible through the branches at the top of the frame.

Questions?