



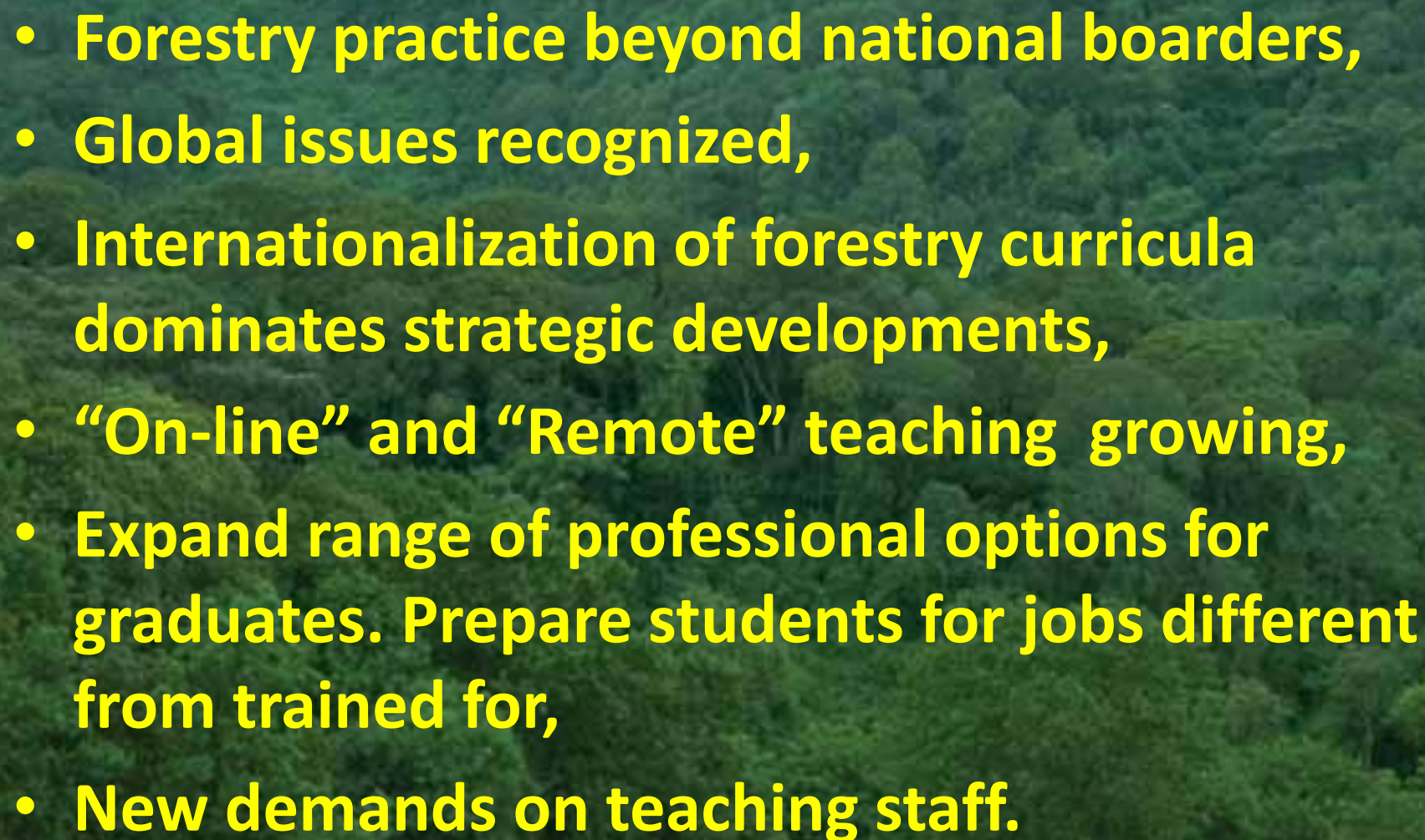
Future needs of forestry workforce

**Hosny El-Lakany,
Adjunct Professor, Faculty of Forestry,
University of British Columbia,
Vancouver, Canada**

COFO, 2012

Current features of forestry schools

- Forestry evolving into sustainable resource management;
- No more traditional forestry graduates;
- High influx of international students;
- Aspirations of national students for international experience, (scarce financial resources).

- 
- Forestry practice beyond national borders,
 - Global issues recognized,
 - Internationalization of forestry curricula dominates strategic developments,
 - “On-line” and “Remote” teaching growing,
 - Expand range of professional options for graduates. Prepare students for jobs different from trained for,
 - New demands on teaching staff.

Workforce demands

- Cater for evolving changes in forestry practices:
 - forest management forest industries;
 - indigenous forestry global issues;
 - land stewardship Business entrepreneurship.
- Evolution and innovation (revolution) in forest products sector.

Partnerships for future workforce

- Forestry schools/Industry/IGO's/INGO's / International forestry-related research institutions.
- International bodies to host faculty for joint activities and facilitate student internships,
- Forestry schools seek international professional staff for occasional teaching, *e.g.* continuing education.



a place of mind



THE UNIVERSITY OF BRITISH COLUMBIA

FACULTY OF FORESTRY

[HOME](#) | [MODULE SUMMARIES](#) | [ABOUT](#) | [INSTRUCTIONS](#) | [LINKS TO GENERAL REFERENCES](#)

contemporary topics in forestry and natural resource conservation

Forestry is the science, art and practice of understanding, managing and using wisely the natural resources associated with, and derived from forest lands. As such, the disciplines of forestry and natural resource conservation encompass numerous areas of study.

This resource offers viewers introductory presentations on a variety of these topics each grouped under a module. Here you can listen to lectures by experts many of whom are professors from the UBC Faculty of Forestry. You may also view a number of video clips from the forest and laboratory that expand on topics discussed in the lectures.

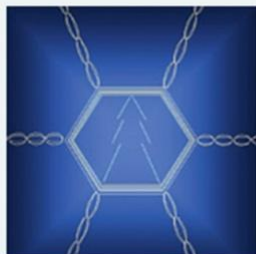
<http://topics.forestry.ubc.ca/>

Introduction



View this module first to get an overall picture of this resource.

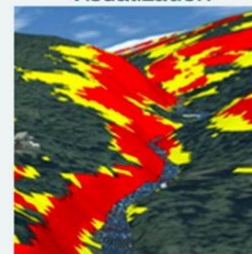
Bioenergy and Biofuels



Business Fundamentals



Climate Change and Visualization



Different actions now affect future landscapes.

Conservation Science



Investigate the protection of species and ecosystems at risk.

a place of mindTHE UNIVERSITY OF BRITISH COLUMBIAFACULTY OF FORESTRY

HOME | MODULE SUMMARIES | ABOUT | INSTRUCTIONS | LINKS TO GENERAL REFERENCES

contemporary topics in forestry and natural resource conservation

Forestry is the science, art and practice of understanding, managing and using wisely the natural resources associated with, and derived from forest lands. As such, the disciplines of forestry and natural resource conservation encompass numerous areas of study.

This resource offers viewers introductory presentations on a variety of these topics each grouped under a module. Here you can listen to lectures by experts many of whom are professors from the UBC Faculty of Forestry. You may also view a number of video clips from the forest and laboratory that expand on topics discussed in the lectures.

Forest Ecology



Investigate the relationships between biotic and abiotic matter in forests.

Global Issues



Take a look at forests from a global perspective.

<http://topics.forestry.ubc.ca/>

Forestry
University of British Columbia



Learn about how trees are bred for improvement.



See how a large range of complex decisions are needed in forest management.



Find out about the gathering of forest data through to the reporting of land information.

Measurements and Biometrics