

Forest and Silviculture

Lecturer: Dr. Norbert Frank PhD

Institute: University of Sopron, Faculty of Forestry, Institute of Silviculture and Forest Protection

Course code: E130-123

Credit points: 2

Time table: Lecture:1/Lab:1

Language: English

Course description

Topics

Lectures: Forests and forest management in Europe. History of the Hungarian forest management and forests. Legislation of the regulation of the Hungarian forest management. Methods of the afforestation and artificial reforestation in Hungary. Natural regeneration of forests (coppice system, clearcutting, shelterwood, single-tree and group selection)

Lab: technique of afforestation and natural regeneration of forests. Continuous cover forestry.

References

1. Keresztesi , B. (1991): Forestry in Hungary. – Akadémiai Kiadó, Budapest.
2. Puettmann, K.J, Coates, K. D., Messier, C. Ch. (2008): A Critique of Silviculture: Managing for Complexity. Island Press, USA.
3. Rédei K. (ed.) (1998): Black locust (*Robinia pseudoacacia* L.) in Hungary - Forest Research Institute, Budapest.
4. Solymos R. (1993): Improvement and silviculture of oaks in Hungary. *Ann. For. Sci.* 50: 607- 614.
5. State of Europe's Forests 2015. – Ministerial Conference on the Protection of Forests in Europe, Forest Europe Liaison Unit Madrid.
6. Pukkala, T, von Gadow, K. (eds) (2012): Continuous Cover Forestry. – Springer Verlag.