



Okrašlovací spolek Zdíkovska
384 72 Zdíkov 235
IČO 26602628



Association *Okrašlovací spolek Zdíkovska* under cooperation with *Administration of Šumava National Park* and with firm *Karel Matějka - IDS* are organizing the 17th annual workshop *Forester of the 21st Century*

Forest management and problems of contemporary forestry in the Czech Republic

First circular

Term	13. 3. 2025 beginning 9:00, registration since 8:30, expected end at 16:00
Place	Kašperské Hory, campus of the Administration of Šumava NP
Organizers	Okrašlovací spolek Zdíkovska Administration of Šumava National Park Ing. Karel Matějka, CSc. - IDS Praha

Forest management (FM), including forest planning, fundamentally influences the state, structure, function and further development of forest ecosystems in the area in interest. FM is based on basic legal regulations, such as Act No. 289/1995 Coll., of November 3, 1995 on forests and on amendments and supplements to certain acts (Forest Act), which has been updated several times in the past, especially the Act of October 31, 2019, which amended Act No. 289/1995 Coll., on forests and on amendments and supplements to certain acts (Forest Act), as amended, and other related laws. A fundamental revision (new?) of the Forest Act is currently being prepared. It is also necessary to mention Decree No. 84/1996 Coll. on forest management planning, which provides a definition of basic terms in FM and serves as a guide for creating plans. In the Czech Republic, the forest management system is based on a typological system of forests, which is simplified for planning purposes into the form of management units (MUs), see Decree 298/2018 Coll. on the preparation of regional forest development plans and the definition of management units. The MU system should provide a basis for the creation of basic management recommendations.

In most of the Czech Republic, age-class forests are now being used, where mature forest is systematically cleared with creating clearings, followed by forest regeneration, usually artificial regeneration. This significantly disrupts the forest environment and creates a fundamental discontinuity, and a shock state appears in the development of the ecosystem, which affects the populations of most species, and the condition of soils and other components of the ecosystem are discontinued. In Europe, people talk about, and in many places apply, the so-called permanent forest ("Dauerwald"), where management is carried out in a selective manner (for example, Košulič 2010). Such a procedure also requires a fundamental change in the spatial division of the forest, but also in the entire forest planning.

For this purpose, a methodology for preparing LHPs was developed based on operational inventory (IFER 2004). The Methodology for calculating binding provisions of forest management plans / outlines (FMP/O) has been gradually changed (see <https://www.infodatasys.cz/datavlesnictvi/default.htm>). The greatest progress has been made in the territories of national parks, but also in those of other owners (for example, the Křtiny University Forest Enterprise).

In recent years, the Czech Republic has experienced a widespread bark beetle gradation and stand damage, because a predominance of Norway spruce. Many other stands were also damaged in relation to climatic extremes, especially drought. In this situation, it is necessary to apply natural stand regeneration, including the involvement of so-called pioneer tree species. This process requires changes in the approach to FM.

IFER (2004): Metodika tvorby lesního hospodářského plánu na podkladě provozní inventarizace. – IFER, Jílové u Prahy, 215p.

Košulič M., sen. (2010): Cesta k přírodě blízkému hospodářskému lesu. – FSC Česká republika, Brno, 452p.

The issue of FM and FMP/O should be the subject of the next year of the workshop Forester of the 21st Century, where the discussion should be about what the problems of current forestry are and how to solve them, how the entire FM system can help in this. Or, on the contrary, can this system represent a brake on the change of forest management? Contributions are therefore expected on the following topics, for instance:

- What problems do you see in the current system of forest management and planning?
- What are the fundamental flaws of current FMP/O's preparation?
- Can you describe the application of different approaches? How can the experience of preparation of FMP/O's in national parks, where non-clearcut management has been applied for more than 20 years, help?
- What does HÚL look like in neighbouring countries and what inspiration can we draw from there?
- ...

Contribution applications

Please send your contribution applications by email no later than **December 31, 2024** to the following contacts:

Karel Matějka - matejka@infodatasys.cz, tel. 603444768

Dagmar Kjučuková - kjucevovi@tiscali.cz, tel. 607141131

The contributions will be published in a collection of proceedings, which will be freely available in electronic form on the website www.infodatasys.cz (section dedicated to the workshop).

Instructions for preparing contributions to the proceedings

Submit the text of the contributions no later than **February 15, 2025** electronically via the above-mentioned email addresses. Use MS Word for preparation. Use the styles contained in the document available at the internet address www.infodatasys.cz/lesnik2018_jmeno.doc

The MS PowerPoint format presentations will be placed together with the proceedings in PDF format on the website after the seminar, so they will continue to be accessible.

Therefore, we ask that all images and tables in the presentations be sufficiently described so that they are understandable on their own. It is not necessary to include the same images in both the proceedings paper and the presentation. It is possible to refer to the content of the presentation in the text of the paper. Please submit the presentation (ppt or pptx format) during the seminar.

Next info

A conference fee of 250 CZK will be pay during registration (does not apply to lecturers).

Light refreshments will be served during the workshop.

Current information about the upcoming workshop will be published on the website <https://www.infodatasys.cz/lesnik21.htm>.

The second circular, including a list of registered presentations, will be sent out at the beginning of 2025.