

Phenology Atlas of Czechia in preparation – aim & content

L. Hajkova (1), J. Nekovar (2), M. Novak (1), and D. Richterova (1)

(1) Czech Hydrometeorological Institute, Regional Branch Usti nad Labem, Czechia (hajkova@chmi.cz), (2) Czech Hydrometeorological Institute, Prague, Czechia

The main task is to create Phenology Atlas of Czechia for the period 1991 – 2010 by using geographic information systems. The general outputs will be maps (average phenophase onset at different altitudes), graphs (evaluation of phenophase onset in time) and tables (statistical results) with text, picture and botanical specification. The publication will be divided into 6 main chapters (Introduction, Phenology in Czechia & Europe, Methodology of observation, Field crops & Fruit trees & Wild plants, Phenology regionalisation, Temporal and Spatial variability). The essential emphasis will be enforced on wild plants especially allergology important plants and phenophases. CHMI phenological and meteorological data will be used as an input data. This publication will be allocated for general public, supposed size B4, 270 – 300 pages. The research project is proposed for 3 years (2009 – 2011).

In the presentation will be given several examples of Atlas content (Norway Spruce and Birch phenophases from Transaction of CHMI Nr.50, 2007).