

Climate change and impact on phenological development of some trees in Bulgaria

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The changes in the climate of the country in a twentieth century and the beginning of present are being investigated. The changes and the variability of the air temperatures and the rains as the main climatic factors are largely reviewed. Other its components show changes that matches the underlying. The course of the climate is developed in warming up and a drying, together with fortification of his unsteadiness and continentally. At the same time phenological development of different type trees are made. There are defined and present graphically average dates of the buds break and flowering year by year in the last twenty years. The analysis is made to the courses in the duration of inter stage periods as well. The interpretation of the phenological development in the dependence of thermal and moisturizing conditions is given. The maps, presenting the spatial distribution of some phonological stages occurrence on the territory of the country for period 1971-2005 are shown.