



### **Aromatic and Medicinal Plants**

Definitions of concepts related to aromatic –plants. Historical background and socio-economic significance. Products of secondary metabolism (phytochemicals) and their uses in perfumery, pharmaceuticals, food, beverages and plant protection. Essential Oils, Alkaloids, Resins, Opi: their role in plants, the environment and humans. Composition, origin, biosynthesis, and their presence in plants. Methods of receiving Essential Oils, their analysis and preservation. Teaching of the main aromatic and pharmaceutical plants according to botanical, phytochemical, utilitarian classification. For each plant are listed: classification, origin, description, biology and ecology, propagation, cultivation, harvest and production, storage and selling distribution. Economic importance, problems and particularities of the cultivations. Plants and products of great (current and potential) importance for Greece.