

Ice is one of the fundamental components of the environment. It covers the land surface and significantly affects our lives both on a local and global level. It is the subject of considerable scientific interest, particularly in terms of its role in climate change - the ice is capable to release pollutants into the water environment or modify the composition of the atmosphere, represents a drinking water supply or "archive" of the natural environment. This thesis „Mineralogical forms, distribution and importance of freshwater ice“ describes the most common forms of freshwater ice, its distribution and importance on the Earth surface and beyond. It introduces us to the issue of current direction of ice researching and approaches some open questions. Part of this work presents types of ice occurring in the Czech Republic.