



Radiocarbon analysis and Quaternary Geochronology

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Reliable chronological frames are basis of all studies of the past. Dependent on type of the studies and records various methods are used to date natural archives. Most of natural archives of the last 50 kyr such as: lake sediments, peat sections, soils, tree rings and the ocean sediments can be dated using radiocarbon dating method. Recent developments in the AMS dating technique allow measurements of radiocarbon ages on sample containing fractions of mg of C, which opens new opportunities for dating paleo records. Some examples of recent studies of various records will be presented.