

Carbon sequestration is “the process of increasing the carbon content of a reservoir other than the atmosphere” (Reid 2005)¹⁾. Others define it as “the process of removing carbon from the atmosphere and depositing it in a reservoir” (UN 2014). CO₂ is considered as one of the most important greenhouse gases contributing to global climate change. Thus the sequestration of CO₂ is an important climate regulating service. In the AlpES project the term carbon sequestration is associated with CO₂ sequestration. It is one of the eight ecosystem services AlpES focuses on within the context of alpine forests and bogs and their capability of CO₂ sequestration.

AlpES project

¹⁾

Reid, W. V. (Ed.) (2005): Ecosystems and human well-being. Synthesis; a report of the Millennium Ecosystem Assessment, MEA - Millennium Ecosystem Assessment & WRI - World Resources Institute. Washington, DC.

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Last update: **2018/02/26 10:14**

