



Overview

- Introduction
- Methodology
- Problems
- Data
- Calculations

► Hochschule für Agrar-, Forst- und Lebensmittelwissenschaften HAFL

Macedonia

- Population 2'114'550
- Surface 25'713 km²
- Forest surface 8'350 km²
- 32 % forest surface
- Coppice forest 5'010 km²
- 60 % coppice forests



The main research questions included

- the relation between aboveground- and belowground biomass of beech coppice trees in different age classes
- the comparison of beech high stem- and coppice forests with regard to biomass stockage and allocation
- the overall carbon stock potential of beech coppice forests in Eastern Macedonia





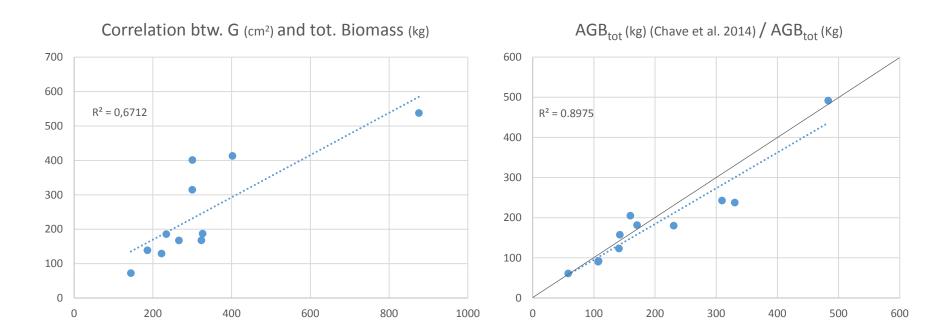


Datasheet Fieldwork

Stand	Tree	Coordinate	Height	DBH	DGH	H.B.G	Age	G1	G2
3	2	41.98598°	8.8 m	9.8	13	1115	~ 20	75.42963961	132.7322896
•	•	022.32157°		10	16			78.53981634	201.0619298
				7	9			38.48451001	63.61725124
				7.5	11			44.17864669	95.03317777
				10.5	17			86.59014751	226.9800692
								323.2227602	719.4247177
Compartm. 1	Compartm. 2	Compartm. 3	Compartm. 4	Compartm. 5	Compartm. 6	Compartm. 7	Compartm. 8	Compartm. 9	Compartm. 10
Leaves <1cm	Br. 1 - 4 cm	Br. 4 - 7 cm	Br. 7 - 10 cm	Br. 10 - 20 cm	Br. > 20 cm	Trunk	Rts. <1.5 cm	Rts. 1.5 - 5 cm	Rts. > 5 cm
19.4	41.6	48.4	65.2	28.8		15	3	6.2	37.4
19.4	41.6	48.4	65.2	28.8	0	15	3	6.2	37.4
f					400	210.4	Ī	200	45.5
fresh biomass					ABG	218.4		BGB	46.6
Samples fresh									
617	2185	222	821	1139		0	490	80	202
		359	714	906				54	213
		251	405	289				117	219
Samples dry									
377	1282	142	583	817			329	49	112
		254	492	574				33	115
		146	257	197				67	131
11.85380875	24.40787185	31.11851925	44.20023521	19.51210423		9.872738306	2.014285714	3.71227208	21.10027047
dry biomass					ABG	140.9652776		BGB	26.82682827
total									167.7921059

BGB : ABG (%) 19.03080583

Data evaluation







The final research results will be available in December 2015

