

## APPENDIX 4.

Score of stand vulnerability to five main hazards in each case-study region and for each FMA

*Aquitaine - Pinus pinaster*

	defoliator	stem borer	wind	fire	root rot
close to nature	0.083	0.250	0.250	0.250	0.229
combined objectives	0.125	0.188	0.229	0.229	0.250
intensive even-aged	0.125	0.271	0.313	0.313	0.313
wood biomass	0.167	0.063	0.188	0.188	0.271

*Portugal - Eucalyptus sp.*

	leaf rust	leaf beetle	gall insect	fire	stem canker
close to nature	0.125	0.313	0.188	0.292	0.208
combined objectives	0.125	0.313	0.188	0.292	0.208
intensive even-aged	0.167	0.417	0.250	0.375	0.271
wood biomass	0.167	0.396	0.250	0.271	0.208

*Baden Wuerttemberg - Picea abies*

	root rot	wind	bark beetle	snow	game
close to nature	0.188	0.354	0.250	0.354	0.229
combined objectives	0.250	0.438	0.313	0.438	0.313
intensive even-aged	0.333	0.563	0.396	0.563	0.313
wood biomass	0.083	0.333	0.250	0.333	0.167

*Austria - Picea abies*

	bark beetle	wind	snow	game	sawfly
close to nature	0.375	0.354	0.438	0.292	0.125
combined objectives	0.333	0.354	0.479	0.250	0.188
intensive even-aged	0.458	0.458	0.583	0.333	0.188
wood biomass	0.250	0.333	0.500	0.146	0.250

*Silesia - Pinus sylvestris*

	game	root rot	weevil	sawfly	wind
close to nature	0.188	0.292	0.188	0.042	0.250
combined objectives	0.188	0.333	0.188	0.083	0.250
intensive even-aged	0.208	0.375	0.250	0.083	0.313
wood biomass	0.063	0.208	0.188	0.083	0.188

*Sweden - Pinus sylvestris*

	root rot	weevil	game	bark beetle	wind
close to nature	0.292	0.125	0.229	0.188	0.250
combined objectives	0.333	0.188	0.333	0.438	0.250
intensive even-aged	0.375	0.250	0.438	0.250	0.313
wood biomass	0.208	0.188	0.229	0.229	0.188

*Scotland - Pinus sylvestris*

	game	wind	weevil	foliar disease	fire
close to nature	0.271	0.417	0.375	0.479	0.479
combined objectives	0.333	0.521	0.521	0.646	0.583
intensive even-aged	0.333	0.521	0.521	0.646	0.583
wood biomass	0.271	0.375	0.500	0.604	0.396

*Scotland - Picea sitchensis*

	game	wind	weevil	aphid	fire
close to nature	0.271	0.417	0.375	0.438	0.479
combined objectives	0.271	0.396	0.438	0.333	0.438
intensive even-aged	0.333	0.521	0.521	0.396	0.583
wood biomass	0.271	0.375	0.500	0.292	0.396