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Methodology applied (1/3)	Scientific dimension	keywords used	N° paper found	tot paper	effectively analyzed (after duplicate and in depth analysis cleaning)
		forest* OR woodland AND wind* AND disturb* OR damage* AND soc* AND economic* OR financial*	84	188	10
Search strategy implemented		forest* OR woodland AND wind* AND disturb* OR damage* AND ecosystem* AND service*	99		
Identification of research queries	Institutional / governance	forest* OR woodland AND wind* AND disturb* OR damage* AND institution* AND govern*:	5		
Papers identification	Ecology	forest* OR woodland AND wind* AND disturb* OR damage* AND ecolog* or management* OR "climat* chang*"	1485	1485	59
	Geomorphology	forest* OR woodland AND wind* AND disturb* OR damage* AND sediment* or largewood	98	211	8
		forest* OR woodland AND wind* AND disturb* OR damage* AND flood	113		
		forest* OR woodland AND wind* AND di sturb* OR damage* AND harvest* OR "sa Ivage logging"	444		13
	Pest risk	((forest* OR woodland) AND wind* AND (disturb* OR damag*) AND outbreak* AND (beetle* OR pest* OR "bark beetles" OR "wood boring insects" OR "wood-boring insects	140		33
Advisory Board mid-term evaluation	Multidisciplinary papers				17
Advisory Board mid-term evaluation	TOT papers		2468		140







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 Total number of observations/ effects categorized ca. 190 	 Secondary windstorm effects are mainly verified in the same dimension of the primary effect Primary windstorm effect_ most frequent impacts recorded 			
Primary and secondary windstorms effects_	Dimensions	Macro-categories	Micro-categories*	
N°of observations per dimensions in articles analyzed	Ecologic	Forest ecosystem dynamics	Species compositions /regeneration dynamics	
Ecologic 71 95		Regulating services	Changes in absorption o CO ₂	
	Pests	Pest outbreaks risks	Bark beetle	
Pest 26 38 Forest SES dimensions of			Pest species	
Forestry 35 primary windstorm effect operations 14 Social 2.2	Forestry operations	Forestry operations and logistics	Changes in investments o costs	
Ecosistem 11 Forest SES dimensions of Ecosistem 4 secondary windstorm effect 10	Social	Forest owners' perceptions	Risk management	
Economic 3	Ecosystem services	Regulating services Provisioning services		
Cultural 3 Geo- 2 Mydrological 2	Economic	Income variations	Changes in wood sector income	
0 20 40 60 80 100 120 140 160 180 200	Cultural	Cultural services	Changes in recreational activities	
	Slope dynamics	Variations in sediments transports	Slope dynamics	





