Short name	**Fire protection**
CICES class name	Fire protection
CICES Section	Regulation & Maintenance (Biotic)
CICES Class code	2.2.1.5

Sample Indicators

Indicator values from			
Experiment or direct measurement		Survey	
Expert assessment		Statistical- or census data	
Model or GIS		Literature values	
Stakeholder participation		Not provided	

Table 1: Field Scale

Indicator	**Unit**	**Indicator values from**
[1] Property loss due to fires, calculated as a combination of: • Site quality: population within 3 mile radius [0 - 1] • Site opportunity: value of property at risk [0 - 1] • Compelamentary inputs: is the site within or adjacent to a major urban area [0 - 1] • Reliability: Risk of future service loss through urban development within 3 mile radius [0 - 1]	Index [0 - 1]	

Table 3: Regional Scale

Indicator	**Unit**	**Indicator values from**
[2] Fire risk index. The index is based on the vegetations vulnerability to wildfires, climatic conditions, and topography.	Index [-]	

Table 4: National Scale

Indicator	Unit	Indicator values from
[3] (Historical analysis) Protection against fires from lightning strikes: occurrence of big trees near houses that were able to attract lightning and thereby protect the houses	[not provided]	

Table 5: Multinational Scale

Indicator	Unit	Indicator values from
[2] Fire risk index. The index is based on the vegetations vulnerability to wildfires, climatic conditions, and topography.	Index [-]	

References

No.	Citation
1	Wainger LA, King DM, Mack RN, Price EW, Maslin T (2010) Can the concept of ecosystem services be practically applied to improve natural resource management decisions? Ecological Economics 69(5): 978-987. DOI: 10.1016/j.ecolecon.2009.12.011
2	Mouchet MA, Paracchini ML, Schulp CJE, Sturck J, Verkerk PJ, Verburg PH, Lavorel S (2017) Bundles of ecosystem (dis)services and multifunctionality across European landscapes. Ecological Indicators 73: 23-28. DOI: 10.1016/j.ecolind.2016.00.026
3	Dittrich A, von Wehrden H, Abson DJ, Bartkowski B, Cord AF, Fust P, Hoyer C, Kambach S, Meyer MA, Radzevičiūtė R, Nieto-Romero M, Seppelt R, Beckmann M (2017) Mapping and analysing historical indicators of ecosystem services in Germany. Ecological Indicators 75: 101-110. DOI: 10.1016/j.ecolind.2016.12.010