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Analysis of the consistency of forest damage reporting in the pan-European region

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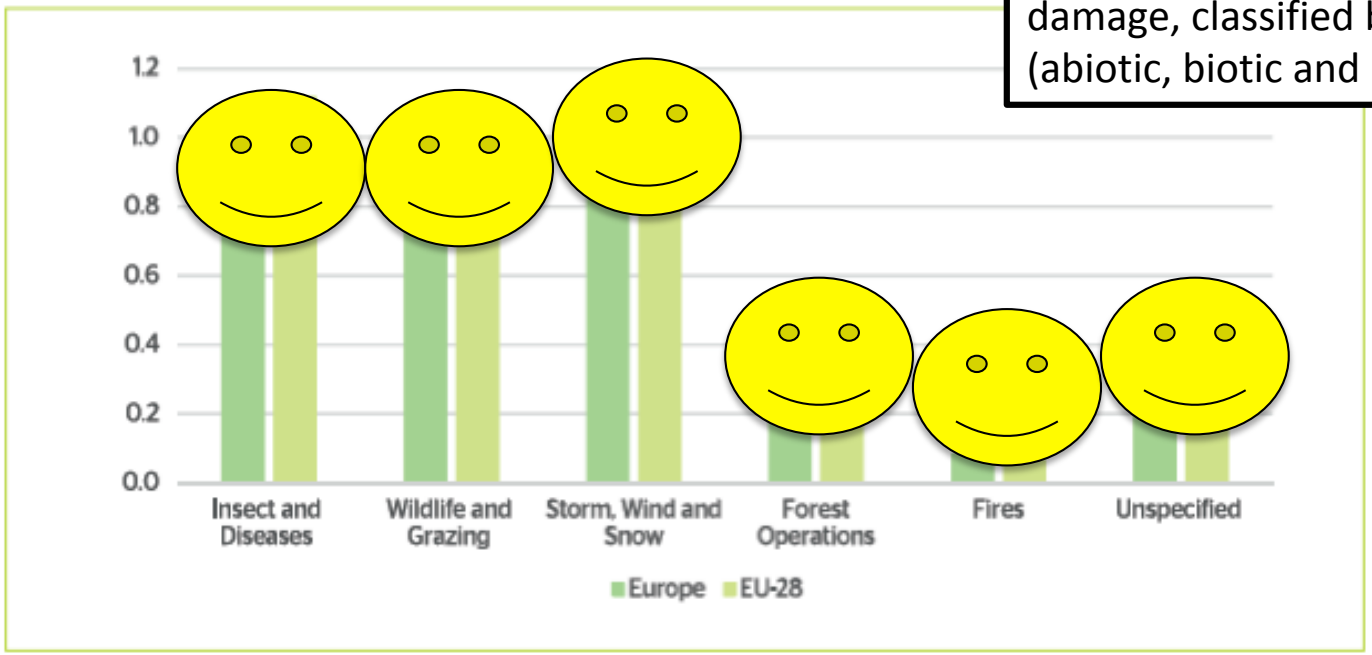
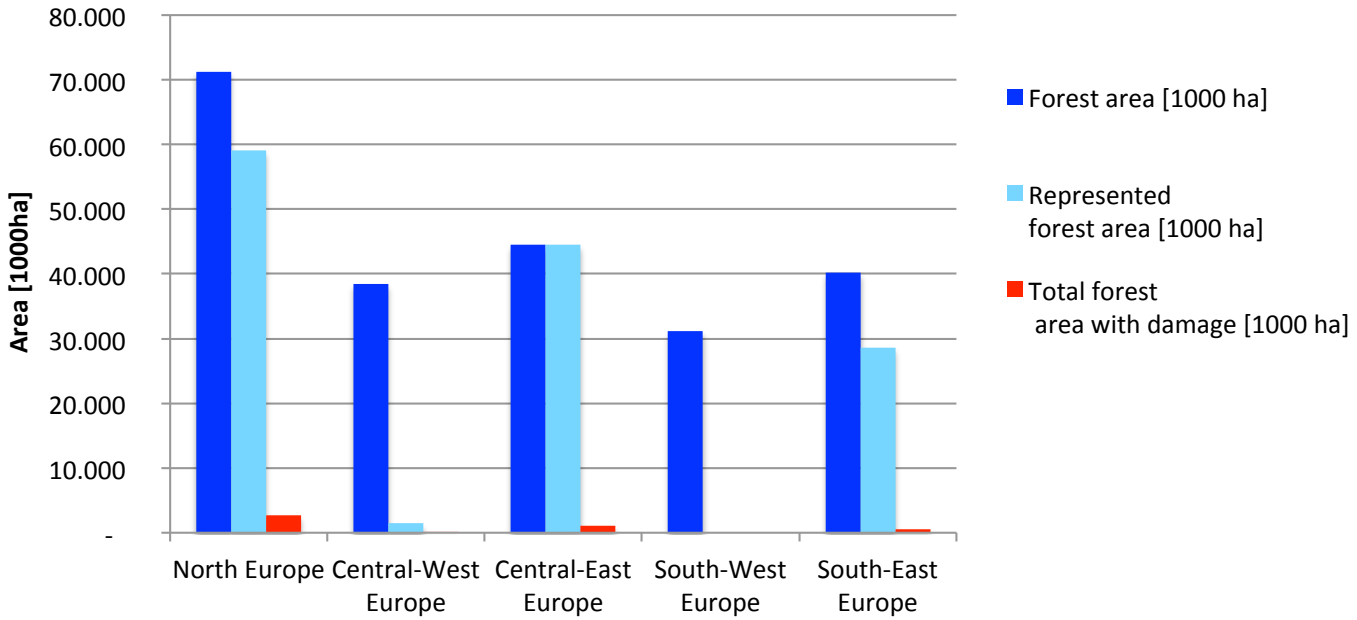
Reporting in SOEF 2020

Indicator 2.4 Forest damage
Full text: Forest and other wooded land with damage, classified by primary damaging agent (abiotic, biotic and human induced)

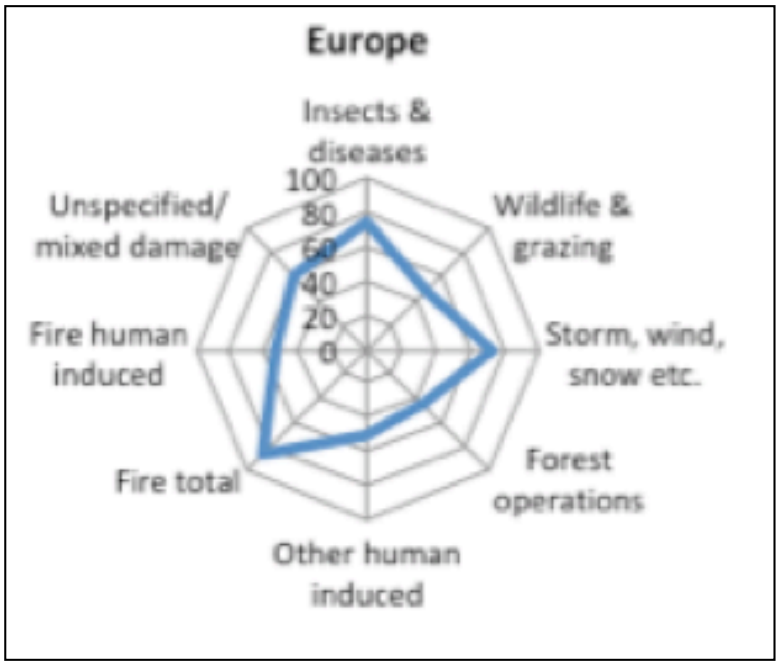


Percentage of forest area damaged by different agents

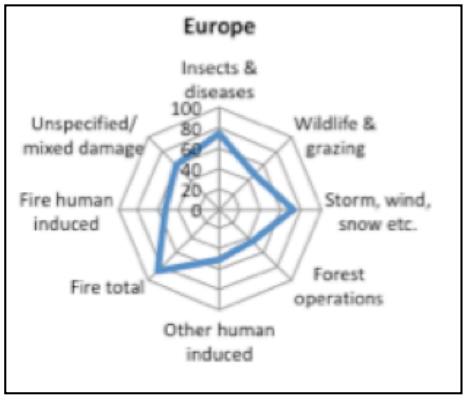
SOEF 2020 – Forest area represented



SOEF 2020 –
Data availability in terms of percent total forest area covered



SOEF 2020 –
Data availability in terms of percent total forest area covered



SOEF 2020

Indicator 2.4 Forest damage

Full text: Forest and other wooded land with damage, classified by primary damaging agent (abiotic, biotic and human induced)

Damage or disturbance?

Threshold? Benchmark?

DISTURBANCE

Damage caused by any factor (biotic or abiotic) that adversely affects the vigor and productivity of the forest and which is not a direct result of human activities.

SOEF 2020

Indicator 2.4 Forest damage

Full text: Forest and other wooded land with damage, classified by primary damaging agent (abiotic, biotic and human induced)

Primary damaging agent

SOEF 2020

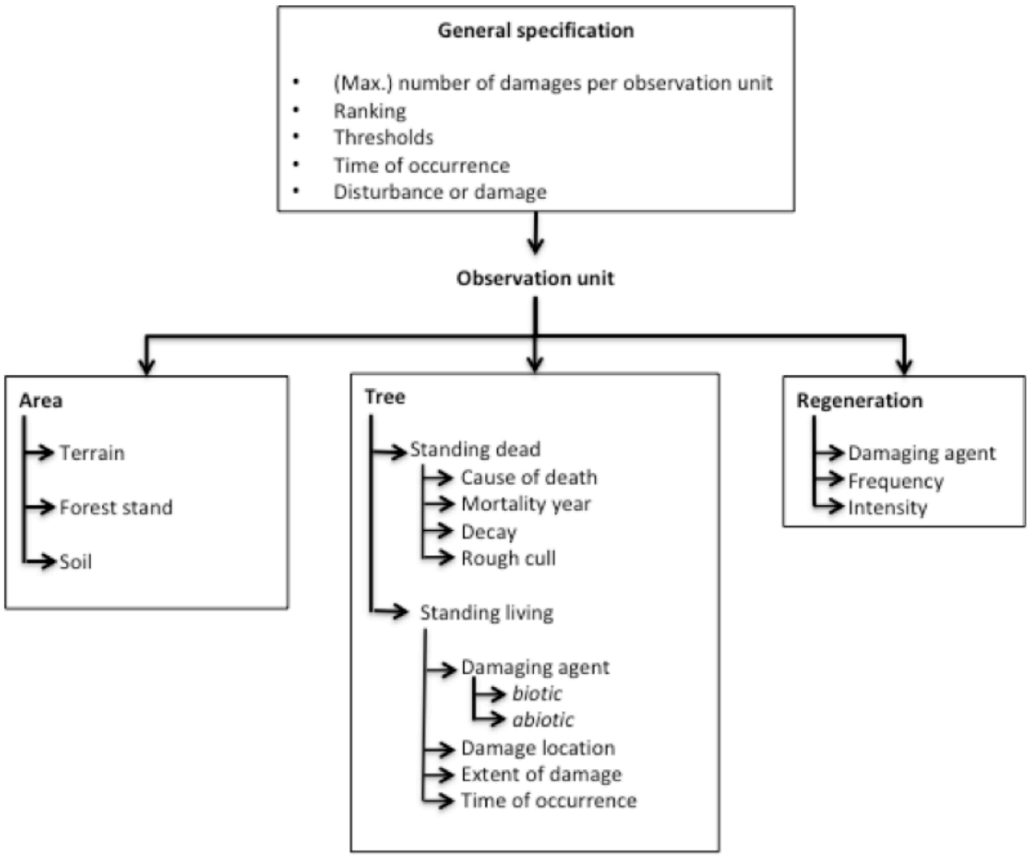
Indicator 2.4 Forest damage

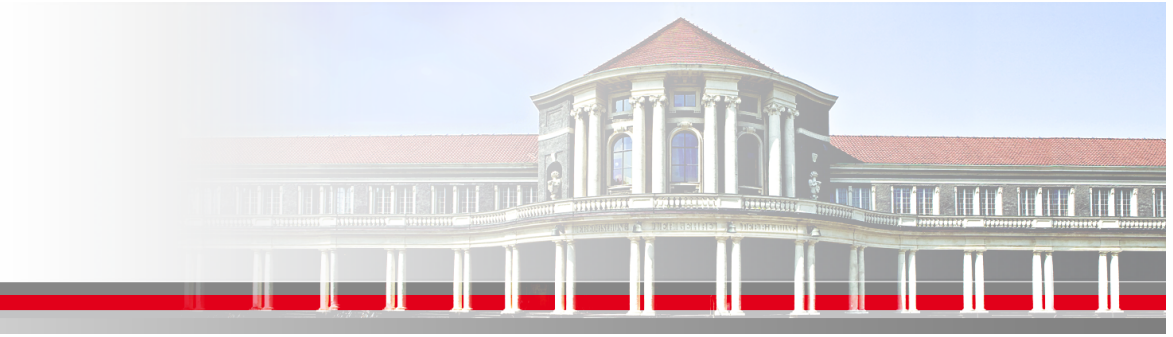
Full text: Forest and other wooded land with damage, classified by primary damaging agent (abiotic, biotic and human induced)

Primary damaging agent

- Economic loss?
- Number of trees?
- Share of basal area, volume, biomass?
- Time of occurrence?

Assessment of forest damage/ disturbances in NFIs





Consistency of forest damage reporting

Teansparency

Completeness

Consistency

Comparability

Accuracy

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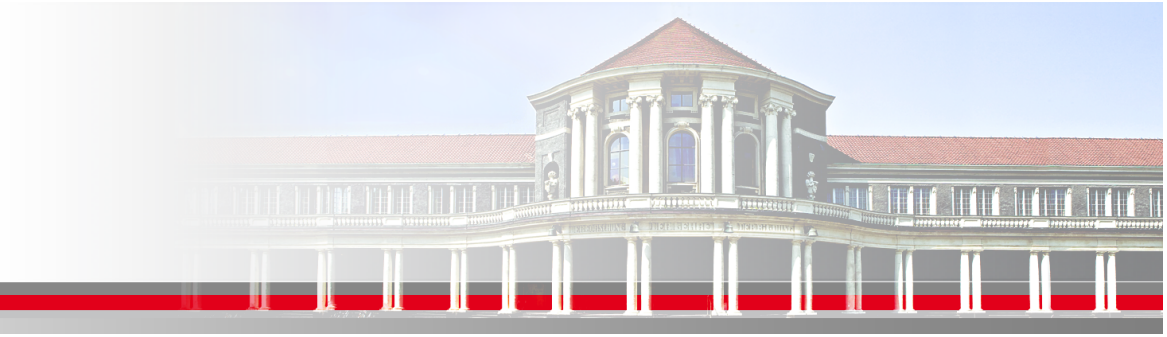

Reporting and assessment of biotic and abiotic forest damage in Europe (ECE Region)

Project report on

Description and Evaluation of the Data Basis

W-DEU 20-01

Prepared by Michael Köhl

8.9.2020

With support from Federal Ministry of Food and Agriculture by decision of the German Bundestag

Reporting and assessment of biotic and abiotic forest damage in Europe (ECE Region)

Project report on

Comparison of methodological approaches for the assessment of forest damages and disturbances in selected countries of the ECE region

W-DEU 20-01

Prepared by Michael Köhl

30.11.2020

With support from Federal Ministry of Food and Agriculture by decision of the German Bundestag