







Integrating the Sentinels for novel fuel, fire and fire emission products

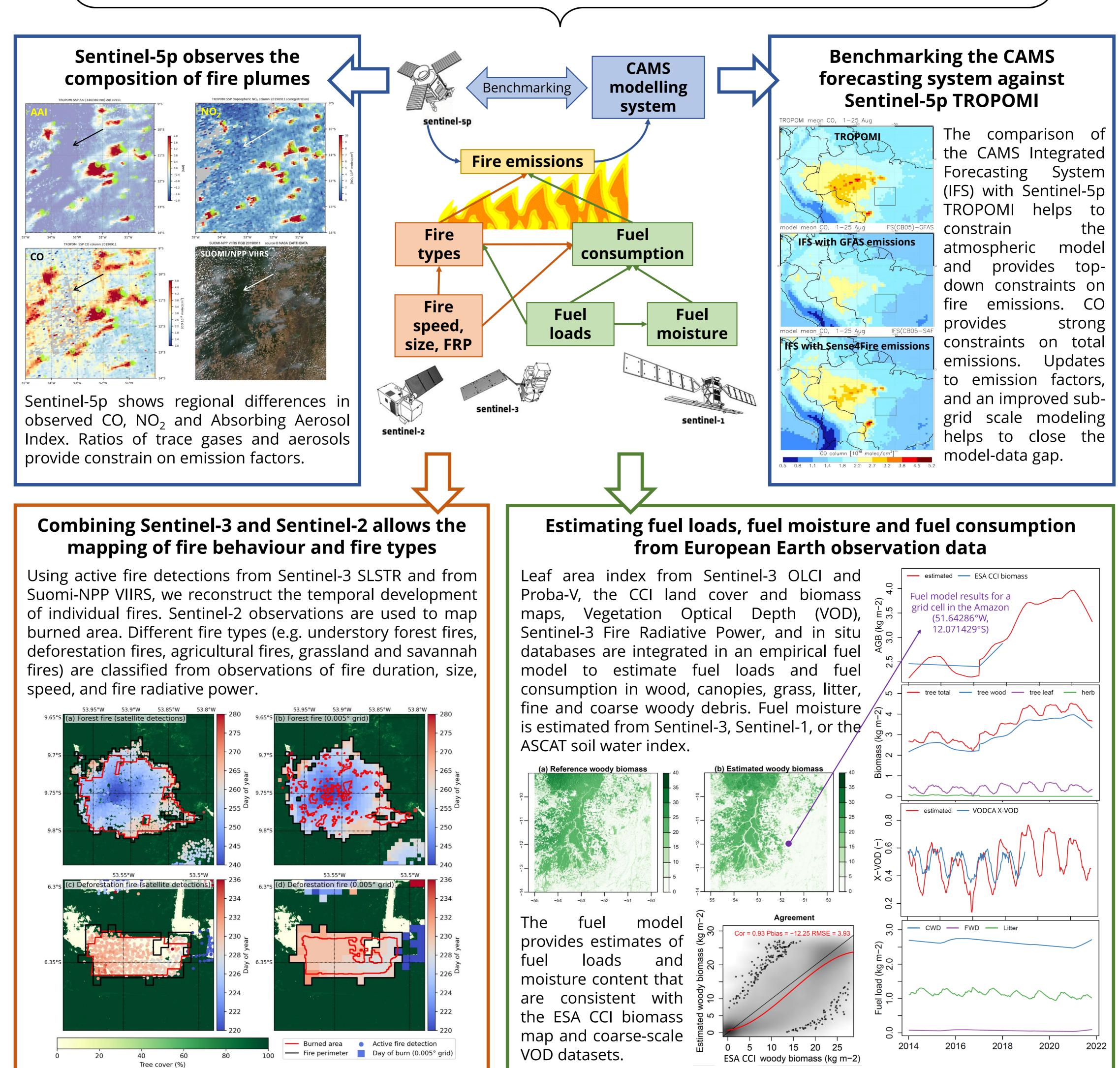
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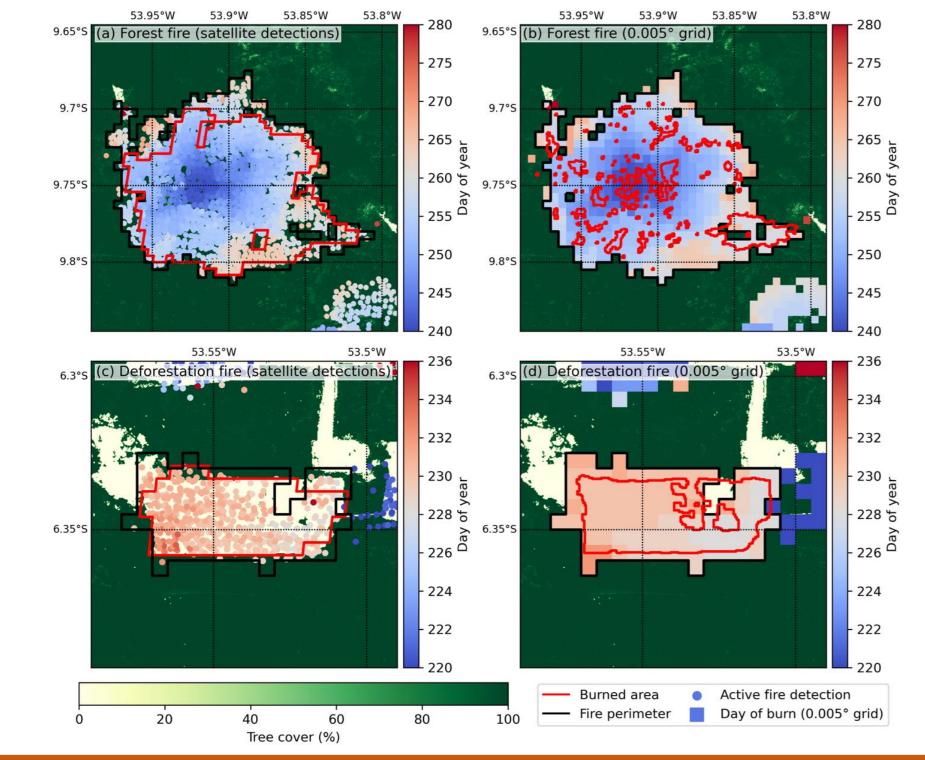
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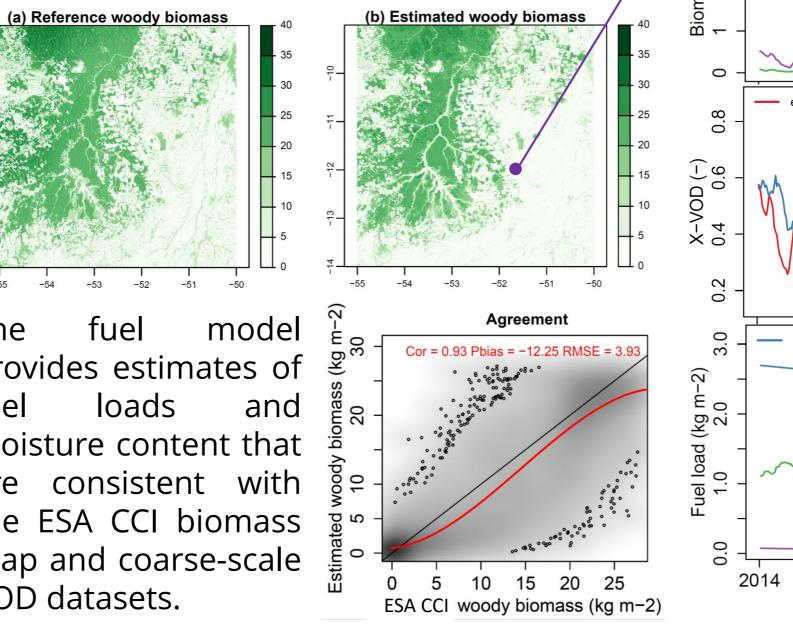
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Emissions from vegetation fires can turn land ecosystems into carbon sources but estimates are uncertain. We aim to better characterize and quantify fuel conditions, fire behaviour and fire emissions. The Sentinels provide several observations to improve the **quantification of fire emissions**:

Burned area Fuel consumption **Emission factors** Fire emissions Х Х















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