

| FAOSTAT Agrifood Systems Emissions Domains – New Features | |
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| Overview | As of October 2023, estimates of greenhouse gas (GHG) emissions from agrifood systems are disseminated under the FAOSTAT heading Climate Change: Agrifood systems emissions . This heading disseminates emissions data related to agrifood systems under further subheadings Totals and Indicators, Farm gate, Land use and land use change and Pre and post agricultural production . (See also Table 1). |
| New Domain Names | <ol style="list-style-type: none"> 1. The domain Emissions from crops consolidates in one dataset (see Figure 1) the information previously presented in four separate datasets: Crop residues previously: http://www.fao.org/faostat/en/#data/GA; containing data on emissions from crop residues (<i>the url no longer works</i>); Burning crop residues previously: http://www.fao.org/faostat/en/#data/GB; containing data on emissions from the burning of crop residues (<i>the url no longer works</i>); Rice cultivation previously: http://www.fao.org/faostat/en/#data/GR; containing data on emissions from rice cultivation (<i>the url no longer works</i>) and; Synthetic fertilizers previously: http://www.fao.org/faostat/en/#data/GY; containing data on emissions from the application of N fertilizers to soils (<i>the url no longer works</i>). 2. The domain Emissions from livestock consolidates in one dataset (see Figure 2) the information previously presented in four separate datasets: Enteric fermentation, previously http://www.fao.org/faostat/en/#data/GE and containing data on emissions from enteric fermentation in ruminants (<i>the url no longer works</i>); Manure management, previously http://www.fao.org/faostat/en/#data/GM and containing data on emissions from manure management systems (<i>the url no longer works</i>); Manure left on pasture, previously http://www.fao.org/faostat/en/#data/GP and containing data on emissions from manure left on pastures (<i>the url no longer works</i>) and; Manure applied to soils, previously http://www.fao.org/faostat/en/#data/GU and containing data on emissions from manure applied to soils (<i>the url no longer works</i>). |

Figure 1: Organization of the new Emissions from crops domain

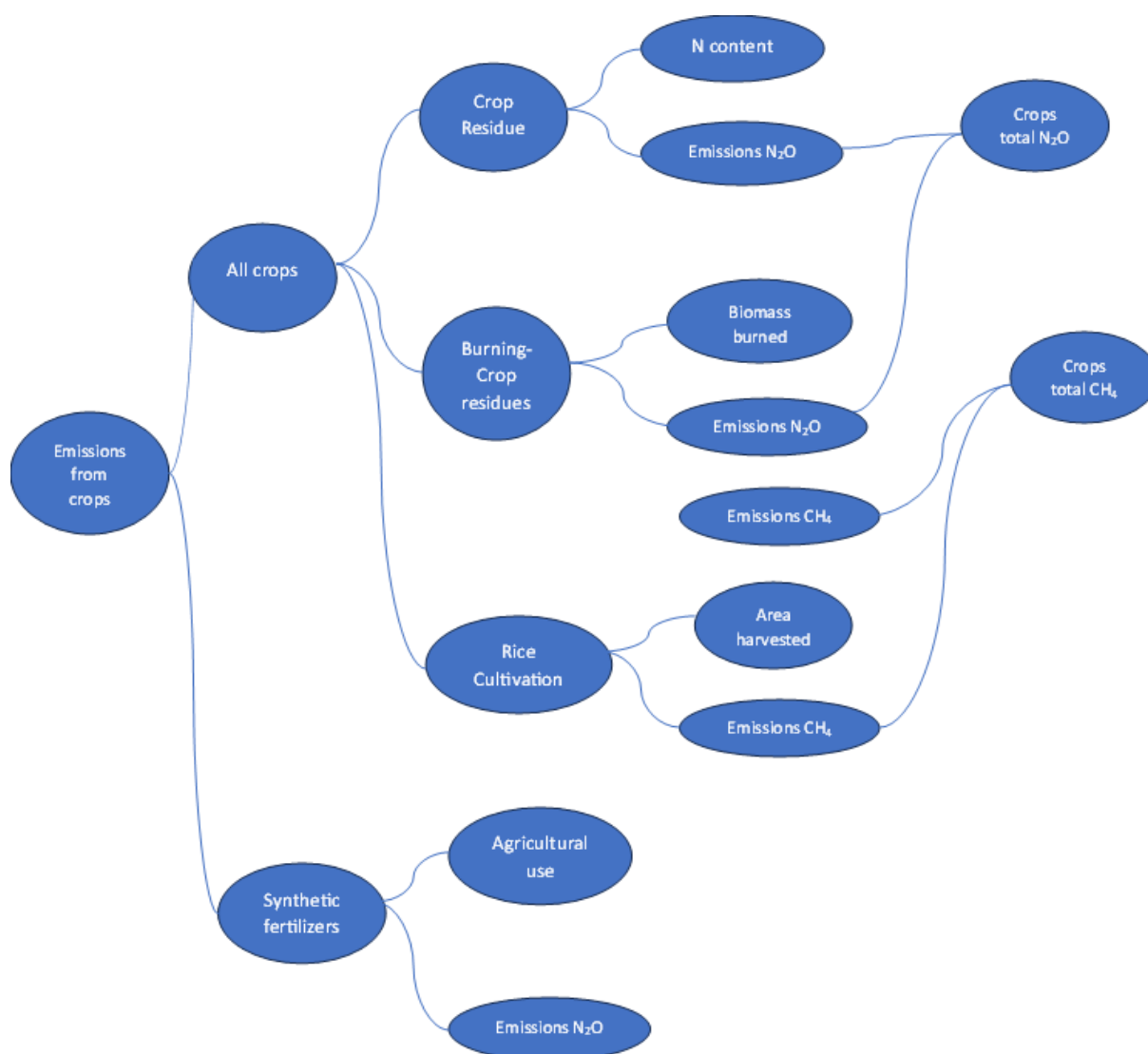


Figure 2: Organization of the Emissions from livestock domain

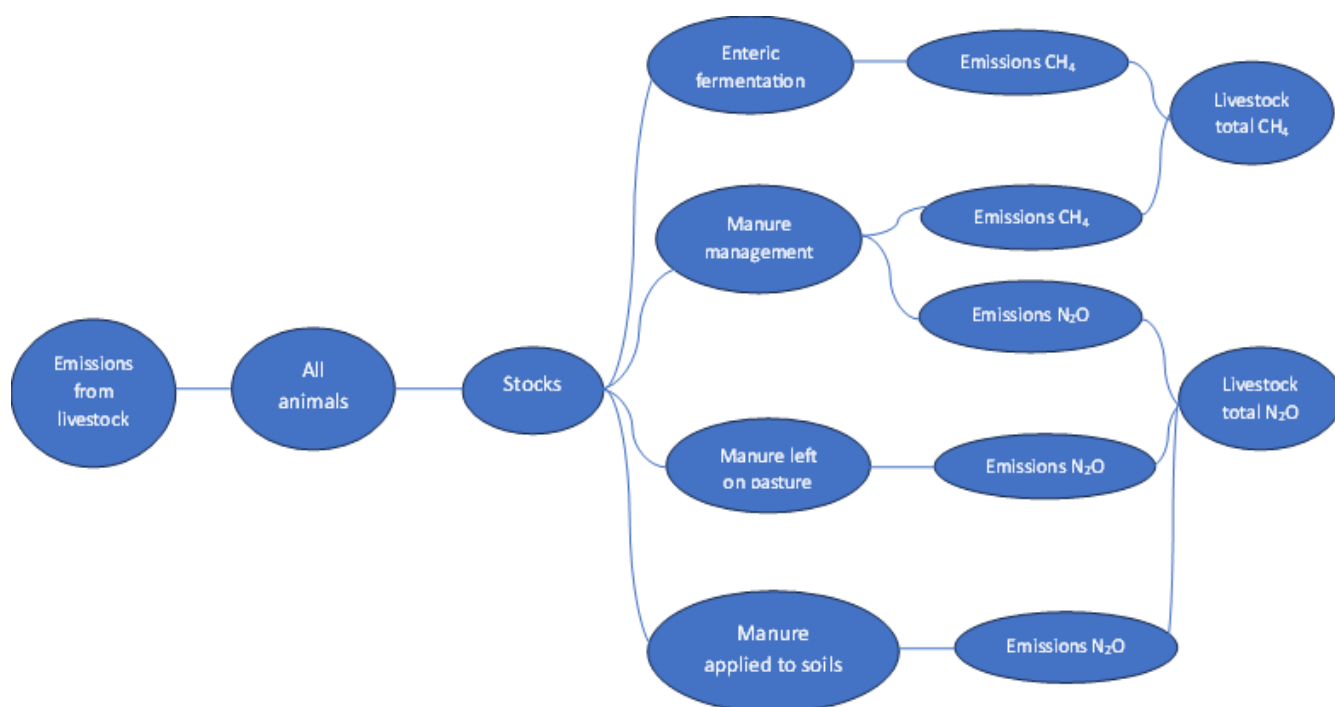


Table 1: Organization of the FAOSTAT Agrifood systems emissions database, with symbols referring to the last letters in the relevant FAOSTAT link, as in: [http://www.fao.org/faostat/en/#data/XX\(X\)](http://www.fao.org/faostat/en/#data/XX(X)).

| Heading | Subheading | Domains | Symbol | Domain description |
|--|--------------------------------------|---|--------|--|
| Climate Change: Agrifood systems emissions | Totals and Indicators | Emissions totals | GT | This domain summarizes all emissions generated from agrifood systems as well as the emissions from other economic sectors |
| | | Emissions indicators | EM | This domain disseminates information on emissions indicators by component of the agrifood systems and by other economic sectors |
| | | Emission intensities | EI | This domain disseminates information on the intensity of emissions by agricultural commodity |
| | Farm gate | Emissions from Crops | GCE | This domain disseminates information on emissions related to different crop processes and also on emissions generated from the application of N fertilizers to soils |
| | | Emissions from Livestock | GLE | This domain disseminates information on the emissions generated from livestock-related processes |
| | | Emissions from Energy use in agriculture | GN | This domain disseminates data on emissions generated from energy used in agriculture |
| | Land use and land use change | Emissions from Forests | GF | This domain disseminates emissions and removals related to forest carbon stock changes |
| | | Emissions from Fires | GI | This domain disseminates information on emissions from biomass burning and fires in organic soils |
| | | Emissions from Drained organic soils | GV | This domain disseminates information on emissions generated from the drainage of organic soils for agriculture |
| | Pre and post agricultural production | Emissions from pre and post agricultural production | GPP | This domain disseminates information on emissions generated from the pre and post agricultural production stages within the agrifood system |

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| Item Aggregates | <ol style="list-style-type: none"> 1. Within the new Emissions Totals domain, item aggregates have been grouped into the following: <ul style="list-style-type: none"> • FAO aggregates – this contains the item aggregates <i>Agrifood systems, Farm gate, Land use change, Pre- and Post- Production, Emissions on agricultural land. In addition, Emissions from crops and Emissions from livestock were newly added in this release.</i> • IPCC aggregates – this contains the item aggregates <i>IPCC Agriculture, Agricultural Soils, LULUCF, AFOLU, All sectors with LULUCF, All sectors without LULUCF</i> in line with IPCC reporting categories |
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