

IPCC Inventory Software: Waste Sector

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IPCC TFI TSU







Key functionalities

- Subnational disaggregation
- Implements all methods in Volume 5 of the 2006 IPCC Guidelines and Chapter 6 of the Wetlands Supplement
- Data Manager: Waste Type Manager (new functionality)
 - Waste Type Parameters (Solid Waste Disposal category)
- Interoperability functionality with UNFCCC reporting tool for CRT (new functionality)

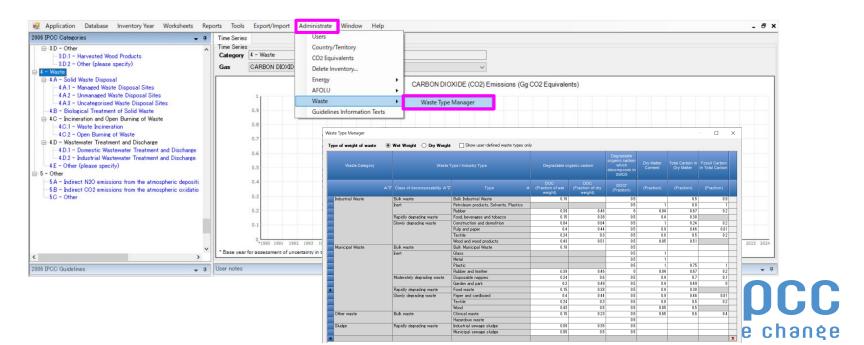






Waste Type Manager

- Contains main data/information needed for estimation of greenhouse gas (GHG) emissions from solid waste disposal and treatment.
 - > All waste categories, types and associated parameters (e.g., DOC, DOCf, dm, TC, FC)
 - > Populated with IPCC defaults but allows to enter user-specific data/information. Needs to be populated before starting the estimation of emissions.
- Data/information entered are transferred to relevant worksheets.



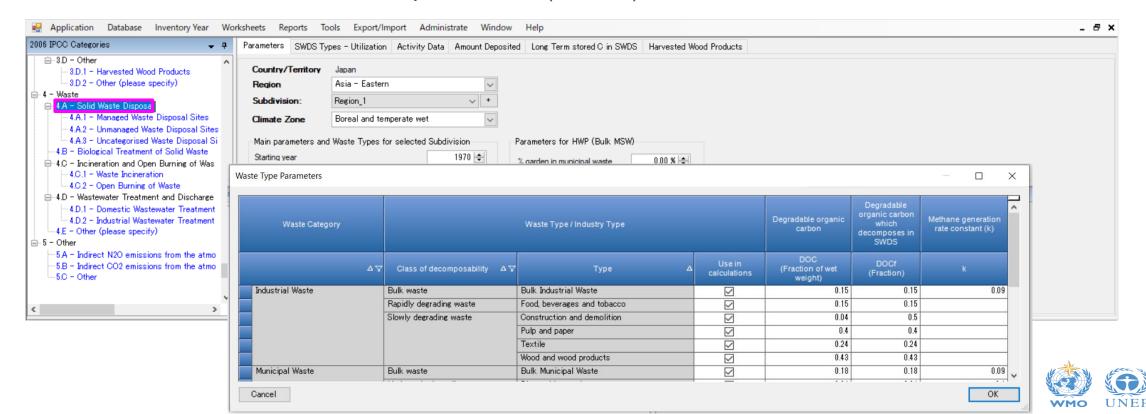




Solid Waste Disposal

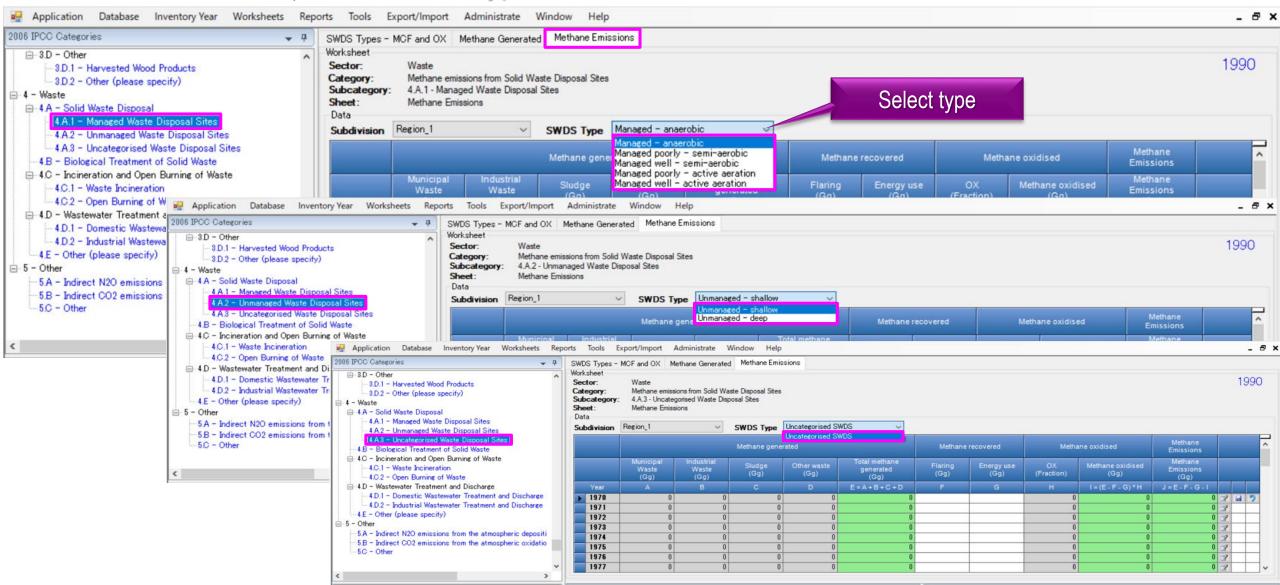
Waste Type Parameters

- ➤ Waste categories, types and relevant parameters (e.g., DOC, DOC_f) are transferred from Waste Type Manager and transferred to calculation worksheets
- Users can select/indicate the waste categories and types to be used for estimation of CH₄ emissions from solid waste disposal sites (SWDS)



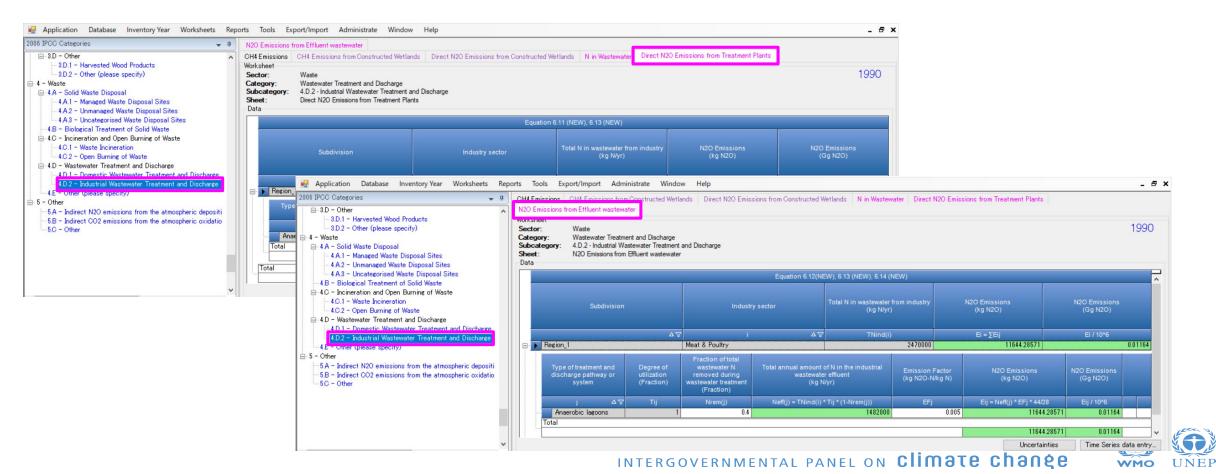
Solid Waste Disposal

Estimation of CH₄ emissions by type of SWDS

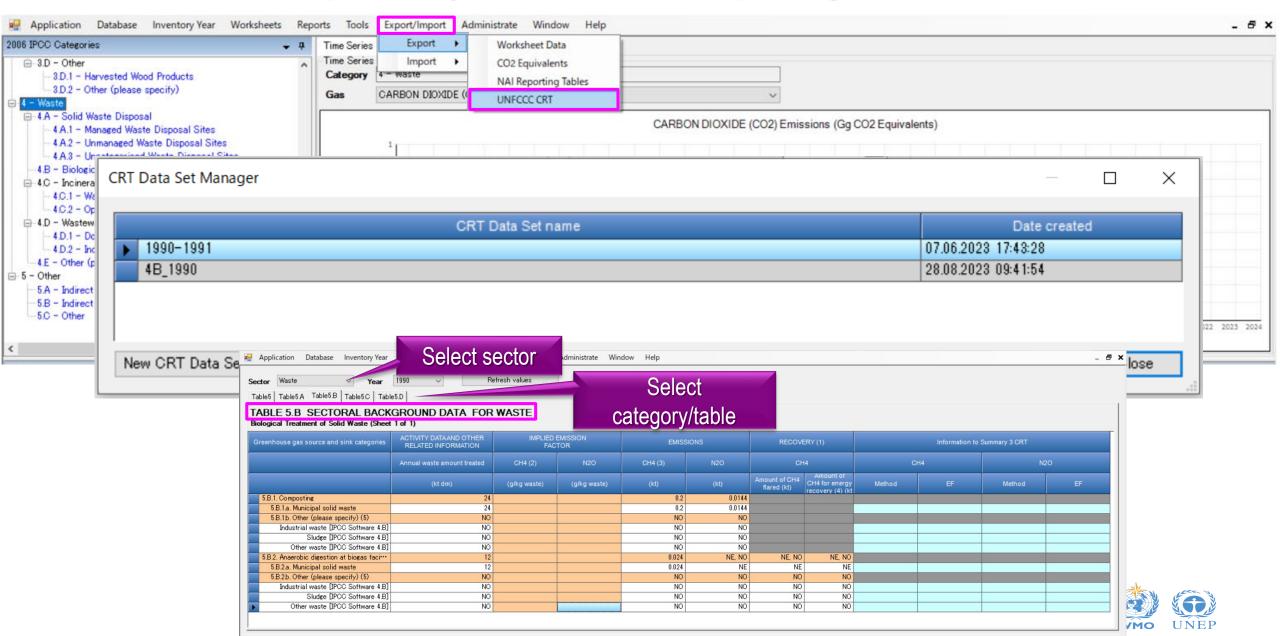


Wastewater Treatment and Discharge

- Implements the method for estimation of N₂O emissions from industrial wastewater treatment (2019 Refinement)
 - > No method in the 2006 IPCC Guidelines



Interoperability with UNFCCC reporting tool for CRT



Summary

- Waste Type Manager helps ensure consistency of data and information used in estimation of GHG emissions from solid waste disposal and treatment categories
- Allows estimation of CH₄ emissions by type of SWDSs
- Provides interoperability with UNFCCC reporting tool for CRT
- Guidebook for Waste sector is under development







Thank you

https://www.ipcc-nggip.iges.or.jp/index.html

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