

Carbon Footprint Data Model

Data Model User Group

Join the [data model user group](#) if you are an existing ArcGIS customer and want to learn more about design and architecture of personal or enterprise Geodatabase and become a part of Esri's growing data model community.

The purpose of the Carbon Footprint data model is to provide a basic starter template to empower GIS users to tackle the basic problems of greenhouse gases that affect Global Climate Change. The data model suggests the feature classes that a GIS manager would build to support issues related to carbon dioxide production and sequestration.

The intent of the model is to be a starting point that can be extended to meet the needs of those whose task is to act on this problem. The model is the starting point for analysis, visualization, tracking change over time and auditing. Consider this as the Mission Data Set to locally address global climate change.

A key part is developing a Carbon Fabric - layers of sources and sinks that aggregate information from more detailed datasets.

This is an early draft of a data model and we are actively looking for projects to collaborate with to establish best practices.

User Forums

Visit the [Esri data model discussion forum](#) to share your ideas, thoughts, and questions with other users.

Downloads - Design Templates

The Design Templates are the result of the community-based design process. The general concepts and terms for this discipline are described here. Tools and examples to create a template data model are also included for advanced users.

- [Design Template](#) .xml, .xls, .txt, .html, .vsd, and .gif - zip format, 410 kb