

Overview of Coupling Frameworks

Alphabetical list of Coupling Frameworks

Name / Link	Comments
CSDMS Basic Model Interface (BMI)	
Earth System Modeling Framework (ESMF)	
Framework for Risk Analysis in Multimedia Environmental Systems (FRAMES)	
High Level Architecture (HLA)	
OASIS3-MCT	
Object Modeling System (OMS)	
OpenGMS	
The Invisible Modelling Environment (TIME)	
Precise Code Interaction Coupling Environment (preCICE)	
Astrophysical Multipurpose Software Environment (AMUSE) – also applied to oceans (OMUSE)	

For an evaluation of different framework check out the following papers:

- Jagers, H R A (Bert), "Linking Data, Models and Tools: An Overview" (2010). *International Congress on Environmental Modelling and Software*. 101. <https://scholarsarchive.byu.edu/cgi/viewcontent.cgi?article=2452&context=iemssconference>