

## Carbonate model descriptions

*This is an automatically generated table.*

Want to **add your model** to this list? Please complete this [questionnaire](#) first. Feel free to contact us [CSDMSweb@colorado.edu](mailto:CSDMSweb@colorado.edu) or use the wiki and follow one of the model links if you want to update the information about a model that is already listed.

Ready to **submit model source code** to the CSDMS repository? Zip or tar the source code and mail it to: [CSDMSsupport@colorado.edu](mailto:CSDMSsupport@colorado.edu), or let us know when the files are too large, we can open a ftp site for you so you can upload your model.

### Table legend



Source code not yet available



Source code available through owner



Source code available through CSDMS repository



Source code has a [IRF interface](#)



Source code does NOT have a IRF interface but it is possible to create a [IRF interface](#)

*There are 4 carbonate model descriptions available in the table below:*

Program	Description	Developer	Status
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[CarboCAT](#) Carbonate cellular automata cyclicality **Burgess, Peter** [Carbonate GPM](#) Carbonate deposition module for GPM **Hill, Jon** [Cyclopath](#) A 2D/3D model of carbonate cyclicality **Burgess, Peter** [SEDPACK](#) Models the sedimentary fill of basins **Kendall, Christopher**

*Questionnaires still need to be filled out for the next models:*

Program	Description	Developer	Source code
Carb sedsim	<i>Model: ...</i>	<b>Hill, John</b>	
CARB3D	<i>Model: Forward Simulation Model for Sedimentary Architecture and Near-Surface Diagenesis in Isolated Carbonate Platforms</i>	<b>Warrlich, Waltham</b>	
CARB3D+	<i>Model: Forward Simulation Model for Sedimentary Architecture and Near-Surface Diagenesis in Isolated Carbonate Platforms</i>	<b>Smart, Peter</b>	