

Coding-Guidelines

At the beginning of the code, in comments:

Title of the project / work

Date

Version of the program (and any libraries used)

General programming instructions:

Choose meaningful identifiers for variables and methods.

Pay attention to the clarity and legibility of the code.

Ensure flexible use of the code: Easy adaptation of input and output parameters, facilitate the use of underlying data set updates.

Comment:

For each method: Describe the purpose of the method in the comment.

Describe the process steps (what is defined?) within the method.

If you use code from other programs / models:

If code has been adopted from other models, refer to the source model in the corresponding place in the code (the corresponding block should be clearly identifiable).

If formulas or concepts are taken from the literature: add the source reference.

NETLOGO

The NetLogo Library's coding guideline provides a good guide to formatting NetLogo code:

<https://github.com/NetLogo/models/wiki/Coding-Guidelines>

Fill the INFO fields of the NetLogo program [!]:

Add a model specification according to the given structure. Please note in particular:

Under "How to use it": Please describe the sliders and outputs in the GUI of the NetLogo model.

Under "Credits and References": Please reference other models, if code parts have been adopted.

MATLAB

Style Guideline:

http://www.datatool.com/downloads/matlab_style_guidelines.pdf

R

Style Guidelines:

<http://adv-r.had.co.nz/Style.html>

ANYLOGIC

Free book about simulation modeling in AnyLogic:

<http://www.anylogic.com/free-simulation-book-and-modeling-tutorials>