

What FLR is and why it might be good for you



FISHREG, JRC

What does FLR mean?

Maybe **F**isheries **L**ibrary in **R**



Why, oh why?



A brief history of FLR time

FLR development

<https://r-forge.r-project.org/projects/flr/>

Soon at

<https://github.com/flr>

Mission statement

The FLR project attempts to develop and provide a platform for quantitative fisheries science based on the R statistical language. The guiding principles of FLR are openness, through community involvement and the open source ethos, flexibility, through a design that does not constraint the user to a given paradigm, and extendibility, by the provision of tools that are ready to be personalized and adapted. The main aim is to generalize the use of good quality, open source, flexible software in all areas of quantitative fisheries research and management advice.

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection
- Data and model validation through simulation

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection
- Data and model validation through simulation
- Risk analysis

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection
- Data and model validation through simulation
- Risk analysis
- Capacity development & education

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection
- Data and model validation through simulation
- Risk analysis
- Capacity development & education
- Promote collaboration and openness in quantitative fisheries

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection
- Data and model validation through simulation
- Risk analysis
- Capacity development & education
- Promote collaboration and openness in quantitative fisheries

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection
- Data and model validation through simulation
- Risk analysis
- Capacity development & education
- Promote collaboration and openness in quantitative fisheries

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection
- Data and model validation through simulation
- Risk analysis
- Capacity development & education
- Promote collaboration and openness in quantitative fisheries

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection
- Data and model validation through simulation
- Risk analysis
- Capacity development & education
- Promote collaboration and openness in quantitative fisheries

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection
- Data and model validation through simulation
- Risk analysis
- Capacity development & education
- Promote collaboration and openness in quantitative fisheries

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection
- Data and model validation through simulation
- Risk analysis
- Capacity development & education
- Promote collaboration and openness in quantitative fisheries

FLR goal

Promote the use of Management Strategy Evaluation and similar simulation-based techniques for the exploration of weakness and strengths of management options and quantitative advice. The FLR toolset will allow for relatively simple building, and as efficient as possible running, of MSE simulations Graphical output tailored to different audiences

- Stock assessment and provision of management advice
- Well tested, robust methods
- Open to detailed inspection
- Data and model validation through simulation
- Risk analysis
- Capacity development & education
- Promote collaboration and openness in quantitative fisheries

FLR now

Packages in FLR

State of development



More information