

Training Course USING FLR FOR QUANTITATIVE FISHERIES ADVICE



FISHREG
Maritime Affairs Unit - IPSC
European Commission
Joint Research Center



Welcome to (almost) the EC JRC, Ispra, Italy.





AGENDA

• TIMETABLE: 9.00 - 12.30 / 14.00 - 17.30

• BREAKS @ 10.30 / 15.30



LOGISTICS

Lunch

Don Guanella

Dinner

- Don Guanella
- Other places
- Course dinner THU



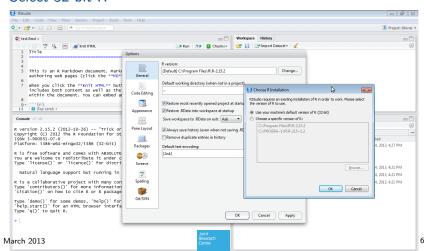
MATERIALS

- R 2.15.*
- RStudio



INSTALLATION

Select 32 bit R





INSTALLATION: packages

install.packages("")

• knitr

March 2013

• RcppArmadillo



INSTALLATION: packages

install.packages(repos="http://flr-project.org/Rdevel")

- FLCore
- FI.F.D.A
- ggplotFL
- FLAdvice
- FLa4a
- FLash
- SQLiteFL



OUTLINE

- 1. Introduction to FLR
- 2. Load data and EDA
- 3. Introduction to modelling: FLSR
- 4. Stock assessment
- 5. Reference points
- 6. Forecasting
- 7. Simulation
- 8. A Case study



HOW WILL IT RUN

- Presentations
- Tutorials
- Exercises
- Paper of the day



Today's paper

Kell, L. T., Mosqueira, I., Grosjean, P., Fromentin, J-M., Garcia, D., Hillary, R., Jardim, E., Mardle, S., Pastoors, M. A., Poos, J. J., Scott, F., and Scott, R. D. 2007. FLR: an open-source framework for the evaluation and development of management strategies. -ICES Journal of Marine Science, 64: 640–646.





LICENSE

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ABOUT US

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READY

'Men learn while they teach.'

Seneca the Younger