

Training Course USING FLR FOR QUANTITATIVE FISHERIES ADVICE

JRC

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



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

AGENDA

- TIMETABLE: 9.00 - 12.30 / 14.00 - 17.30
- BREAKS @ 10.30 / 15.30

LOGISTICS

Lunch

- Don Guanella

Dinner

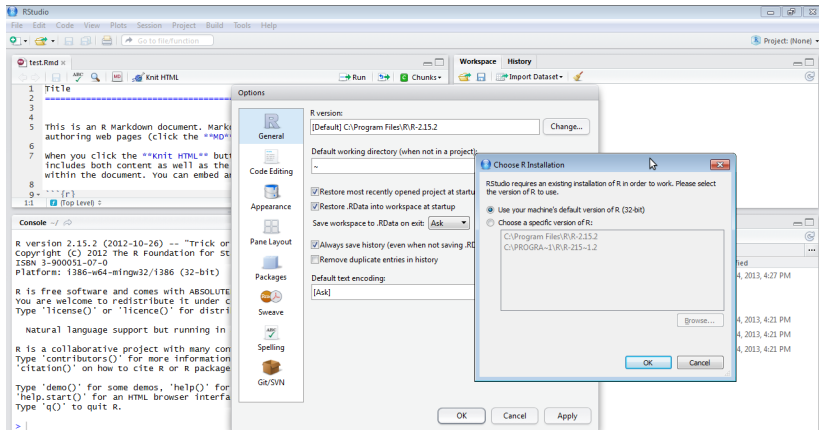
- Don Guanella
- Other places
- Course dinner THU

MATERIALS

- R 2.15.*
- RStudio

INSTALLATION

Select 32 bit R



INSTALLATION: packages

```
install.packages("")
```

- knitr
- RcppArmadillo

INSTALLATION: packages

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

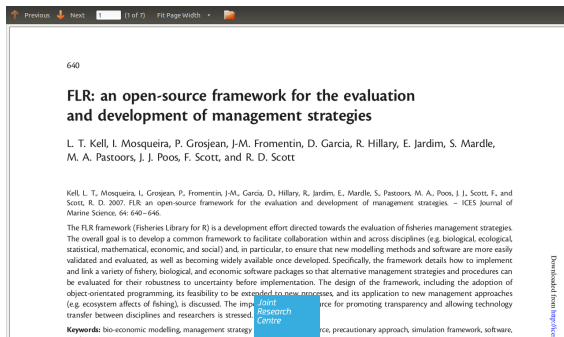
- FLCore
- FLEDA
- ggplotFL
- FLAdvice
- FLa4a
- Flash
- SQLiteFL

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.



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