

JRC IPSC - Maritime Affairs Unit, FishReg

Introduction to R & FLR for Fisheries Science

JAN 2013

Objectives

- R environment
- Introduce R from FS perspective
- Get you to code, it is good for you
- Lose the fear of coding
- Join the ~~mafia~~ community

1st objective



JAN 2013

2nd objective



**GET
EXCITED
AND
MAKE
THINGS**

Logistics

- Timetable: 9.00-12.30 & 13.30-17.00
- WED: Dinner in Varese

Outline - Day 01

- Installing and understanding the system
- Introduction to R
- Getting help
- Data types
- Basic operations
- Data manipulation
- Plotting
- Importing your data

Outline - Day 02

- Writing functions
- Programmning
- Fitting basic models
- Mapping
- Extra plotting

JRC Fishreg: STECF MED, SA, DCF

University of New Hampshire (USA): Historical fisheries, SA

WWF/IATTC: Fisheries certifications and bycatch

University of Pisa (Italy): Marine Ecology

JRC Fishreg: MSE, FLR, IOTC

Cefas (UK): MSE, FLR

AZTI Tecnalia: Tropical Tuna (ICCAT, IOTC, IATTC)

Imperial College London: Bayesian Geostats MAC

IOTC WPTT & WPM

JRC Fishreg: STECF, MSE, FLR

IPIMAR: ICES, SA, data collection, HKE, FLR, MSE

University of Algarve: Fisheries Science

University of Lisbon: Statistics

JRC Fishreg: MSE, STECF, FLR

Marine Scotland (UK): Statistician, SA, ICES

St Andrews University (UK): Applied Statistics