COURSE: APPLIED ICHTHYOLOGY IN R

Contact person: Frane Škeljo
phone: +385 98 903 2785

Web page: http://split-summerschool.com

Main topics:
- Introduction to R environment and RStudio and its application in ichthyology
- Manipulation, analysis and visualisation of ichthyological data in R
- Introduction to R packages dplyr, ggplot2 and FSA
- Linear regression: fish morphometric relationships and relative growth in R
- Logistic regression: fish maturity
- Nonlinear regression: fish length-weight and age-growth relationships in R

Programme structure:
- 5-day course
- Sample data will be provided for exercises and for final project. However, participants are encouraged to use their own data set for the final project
- Every participant gets lecture notes in pdf, including the R code used during the lectures and exercises

Important dates:
Course dates: 02/09/2019 – 06/09/2019
Deadline for application: 21/07/2019
Payment due by: 09/08/2019
Confirmation of the course: 16/08/2019

Price of the course: 300 € (tax included)

Bed & breakfast: 189 € (tax included) – contact person: Marina Kero

Programme plan:
Day 1
- Introduction to R and RStudio and its application in ichthyology; R packages; Importing data in R
Day 2
- Data subsetting in R; Data manipulation using the dplyr package
Day 3
- Creating, interpreting and visualising fish morphometric relationships and relative growth in R
Day 4
- Creating, interpreting and visualising fish length-weight, length-proportion of mature individuals and age-length relationships in R
Day 5
- Creating and presenting final projects

Programme lecturers:
Frane Škeljo, PhD / Assistant Professor
University of Split, University Department of Marine Studies, Split, Croatia.

Jure Brčić, PhD / Assistant Professor
University of Split, University Department of Marine Studies, Split, Croatia.

Detailed course information is available here.