

ISOS Course

ArcGIS for Marine Science - Basics

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08 – 09 October 2018 | 09:00 – 17:00 h

Geographic Information Systems (GIS) are a powerful tool for spatial data handling & presentation with wide-spread applications in Oceanography and beyond. The ArcGIS software is one of the world's leading GIS software to perform spatial analysis and statistics as well as for the presentation of maps. The two days provide an introduction to ArcGIS with no prior knowledge needed. Learn to map, extract and analyse your data in respect to its location.

Do you have Latitude and Longitude in your data, but don't know how to deal with it? Then this course is for you!

Day 1

Introduction to ArcGIS, Data import, different data types, Data conversion (Table to vector / raster data), Projections, Transformations and Georeferencing, Data base functions

Day 2

Spatial queries and calculations with vector and raster data (Analysis & Spatial Analysis Tools), Interpolation of point data (Spatial Analyst Tools), Export of data sets, Presentation / map creation, Application to participants' data sets

Software used:



Venue: Leibnizstraße 1, room 104

*ISOS candidates have priority in our courses.
Child care can be provided if we have two weeks advance notice.*



Please register online at
www.futureocean.org/isos