

CE794A: Scientific Data Analysis, Presentation and Interpretation

0-0-0-5 [5]

Course Contents:

Basics of data: Primary data, secondary data, data sources and reliability; Tools for data analysis: Identifying the right tool based on the project requirement (e.g., Matlab, R, MS Excel, Access, Arc GIS, etc); Presentation of data: Graphical, tabular, and descriptive, Use of graphing tools in programs including MS Excel, R, and MS Excel; Interpretation: Interpretation of results and documenting.