

# Abbreviations and acronyms

|        |  |
|--------|--|
| ADCM   | Ancillary Data Classification Model                            |
| ANN    | Artificial Neural Network                                      |
| ANOVA  | ANalysis Of VAriance   |
| ASTER  | Advanced Spaceborne Thermal Emission and Reflection Radiometer |
| ATCOR  | ATMospheric CORection for flat and rugged terrain              |
| CA     | Correspondence Analysis  |
| CCA    | Canonical Components Analysis                                  |
| CT     | Classification Tree  |
| DAIS   | Digital Airborne Imaging Spectrometer                          |
| DCA    | Detrended Correspondence Analysis                              |
| DEM    | Digital Elevation Model  |
| D-GPS  | Differential Global Positioning System                         |
| DLR    | Deutsches Zentrum für Luft- und Raumfahrt                      |
| ETM+   | Enhanced Thematic Mapper plus                                  |
| FAP    | Fuzzy Algebraic Product  |
| FAS    | Fuzzy Algebraic Sum  |
| FCA    | Factorial Correspondence Analysis                              |
| FG     | Fuzzy Gamma  |
| GAM    | Generalized Additive Model                                     |
| GCP    | Ground Control Point   |
| GIS    | Geographical Information System                                |
| GLM    | Generalized Linear Model                                       |
| GPS    | Global Positioning System                                      |
| ICARE  | Image CARTography Expert                                       |
| IGN    | Institut Géographique National                                 |
| INS    | Inertial Navigation System                                     |
| K-NN   | K-Nearest Neighbours   |
| LDA    | Linear Discriminant Analysis                                   |
| LUCC   | Land Use and Land Cover Change                                 |
| MCA    | Multiple Correspondence Analysis                               |
| MLH    | Maximum Likelihood classifier                                  |
| MNF    | Minimum Noise Fraction   |
| NDVI   | Normalized Difference Vegetation Index                         |
| PARGE  | PARAmetric GEocoding for airborne optical scanner data         |
| PCA    | Principle Component Analysis                                   |
| POTRAD | POTential RADiation model                                      |
| QDA    | Quadratic Discriminant Analysis                                |
| RF     | Random Forests classifier                                      |

|        |   |
|--------|---|
| RMS    | Root Mean Square                        |
| RS     | Remote Sensing                          |
| SAM    | Spectral Angle Mapper                   |
| SIERRA | SIimulator for meditERRanean landscApes |
| SPARK  | SPAtial Reclassification Kernel         |
| SPC    | Symmetric Probability Combination       |
| SVM    | Support Vector Machine                  |
| TM     | Thematic Mapper                         |
| TSA    | Time Since Abandonment                  |