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| **MODULE 3: GIS data collection methods** | |
| **OBJECTIVES** | * Understand the basic concepts of GIS data * Understand how GIS data is collected * Consider the possibilities of working with various GIS data (raster, vector) * Describe the potential use of spatial/EO data * Deal with spatial data interoperability * Consider examples of collecting spatial/EO data, e.g., through an app * Conduct simple spatial data collection on the field |
| **METHODS** | Live session, reading material, video’s, links to resources, application exercises, quizzes & discussions |
| **DURATION** | 5.5 hours for participants |

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| **SESSION** | | | **DURATION** | **PARTICIPANTS…** |
| Online | 1.0 | Introduction to GIS data collection methods | 60 min. | * Receive a first presentation on the concepts of GIS data collection. |
| 1.1 | Fundamental concepts of spatial data | 45 min. | * Learn how to define the basic concept of primary and secondary data. * Participants can describe the basic concept of primary and secondary data. |
| 1.2 | Primary GIS data collection methods | 30 min. | * Learn more about primary data collection. |
| 1.3 | Secondary GIS data collection methods | 30 min. | * Learn about secondary data capture methods |
| 1.4 | Obtaining data from external sources (data conversion and transfer) | 45 min. | * Get an understanding of data conversion and transfer. |
| 1.5 | Fieldwork and application exercise on GIS data collection | 125 min. | * Conduct a simple spatial data collection on the field * Consider examples of collecting spatial/EO data, e.g., through an app * Reflect on content and share experience with peers |