|  |  |
| --- | --- |
| Form 2: Response Design | |
| Purpose and scope | *Provide a short description of the purpose and the scope for which this response design is created (for example response design for the national FREL oi country X)* |
| Version | *Insert version number of the response design* |
| Date | *Insert date on which this version of the response design was documented* |

**Details of the classification scheme**

***Classification scheme diagram***

*Insert here a tree-diagram of the classification scheme including the different levels of the classification. In most cases, this classification scheme has been in use in previous data collection efforts.*

***Definitions of the different classes***

|  |  |
| --- | --- |
| **Name of the class** | **Definition of the class** |
| *Include here* | *Provide a detailed definition for each land cover / land use and change class included in the classification scheme. Include measurable thresholds* |
|  |  |
|  |  |
|  |  |

***Explanation***

*Provide an explanation of the selection of the classes and their definitions. Specify, in case the classification scheme was built off any templates, e.g., IPCC land-use categories, CLC, LUCAS and/or definitions follow a specific standard, e.g., using ISO standard Land Cover Meta-Language (LCML, ISO 19144-2) or similar.*

**Data sources to be used**

*Using the table below, provide an overview of all satellite imagery used for the interpretation, including the data periods for each sensor. The table can be adjusted as necessary to contain more information*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Data name | Data type | Provider | Distributor | Resolution | | Period available |
| Spatial | Temporal |
| *Satellite name* | *Optical / Radar* | *Agency* | *Service* | *X* m | *X* days | From *yyyy* to *yyyy* |

**Sample unit’s spatial support**

*Provide a specification of the spatial support used to assign a class to the sample units indicating how the interpreter should use the spatial support and any sub-samples to derive their classification.*

**Interpretation key**

*Include here a set of illustrations of how the land cover or land use feature will look like in the images. The interpretation key should have illustrations of all available sources of imagery, for each class of interest and for all time periods of interest.*

**Decision tree**

*Insert here an illustration of the overall decision tree. The decision tree includes questions that enables interpreters to apply the class definitions and decide among different possible options in their interpretation. Where relevant provide a textual description of the observations that were basis for building the decision tree and the hierarchical rules*

**Form**

*Insert here an illustration of the form to be filled out together with instructions to be completed by interpreter. Provide the code lists used in the survey. Describe the validation rules implemented in the survey for quality assurance. Describe any impossible transitions and how warnings or error messages can prevent interpreters from entering incorrect information in the survey*

**Confidence level**

*Insert here a clear definition of confidence level that would be used by the interpreter in order to confirm the level of confidence of their interpretation.*