# 1 D8.3 Evaluation of the teaching guides

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| **No** | **Title** | **Comments** | **Responses** |
| M01 | Physical Principles of Remote Sensing | - The learning objectives and teaching objectives are well developed. - Course material overview and teaching duration are missing, adding this to the teaching guide would make it more meaningful.- The module includes theories and practice, which the teaching guide is not same. Therefore, the course developer can give different teaching guides between theories and practice. In addition, theory teaching should enhance vividness and interest in order to reduce the boredom of theory. |  - Course material overview and teaching duration are mentioned in the ‘short course description’. For teaching guide, following suggestion course material overview, credit allocation have been already added. A short paragraph on course overview was also added -Following suggestion, the teaching methods for theory and practical are separated. |
| M02 | Data Acquisition, Sensors and Platforms (passive) | - The teaching objectives need to be revised (some of them don’t qualify to be objectives);- Lack of the Course Material Overview;- In the P2. Teaching methods, the description of the book is missing chapter 5 and 6. It will be perfect if the description of the teaching method is more specific.- Suggested credit numbers (2-6 ECTS) depend from the expected level or professional competences of academic program, but not from websites. |  Teaching was modified according to the suggestions.Course material overview was added. Credits adaptded. |
| M03 | Data Acquisition, Sensors and Platforms (active) | - Do you have any recommended numbers of teaching and self-study hours per ECTS credits?- The teaching and self-study hours per ECTS credit should be described or systemized. - This content should be compared with passive remote sensing based on Module 02, and the advantages and disadvantages should be analyzed, so that students can fully understand the difference between active remote sensing and passive remote sensing.- The teaching guide content is overall designed well. |  2 ECTS is recommended for this module. The teaching/ self-study hours and content are being revised. |
| M04 | Aerial Photogrammetry and Remote Sensing | - Some conflictions with Module 05 on the minimum knowledge background of Target Group. (The minimum background knowledge of Module 04 and Module 05 are prerequisites to each other.) |  YNNU has no ability to solve this problem, as it was designed at beginning of application |
| M05 | Digital Image Processing | - The learning objectives and teaching objectives are well developed.[1] Course material overview and teaching duration are missing, adding this to the teaching guide would make it more meaningful.[2] Lack of numeration for subtitle.[3] Before the teaching of data processing, the principle and theoretical knowledge of data processing can be introduced. | [1] We have added a section heading (course overview) – as info about the course content was already in the guide, yet not well visible. Teaching duration may depend on an approach (self-learning, blended, classroom), therefore we prefer to keep only the ECTS information. [2] thank you. We prefer to keep it this way.[3] theoretical background to this module is partially in other modules. |
| M06 | Image Classification and Interpretation | - The teaching objectives refer to the learning guide, it would be helpful if the text is included in the teaching guide rather than creating a reference.- A teaching approach suitable for this module should be developed, rather than applying the standard template methods. | [1] I have modified a section titled as the ‘teaching objectives’, based on the propose.[2] I’m sorry but I disagree with the comment ‘Specific teaching method’ because the IRSEL modules are written for a wide target group of students and different kind of courses. That’s why we decided applying the standard template methods. |
| M07 | Available Software Applied in Remote Sensing | - The sections on learning objectives and teaching material are particularly weak, revising them would be helpful. - Please check the self-study hrs vs the teaching duration. The common practice is that the self-study hrs are more than the teaching duration.- How many ECTS credits are suggested? - Course developers should follow the template document. | -Revised the learning objectives and teaching material overview. -Self-study hours are 19 hours, and lecture hours are 33 hours.-3 ECTS for this module.-The file follows the template document. |
| M08 | Lang Change Detection | - The learning objectives and teaching objectives are well developed. [1] Course material overview and teaching duration are missing, adding this to the teaching guide would make it more meaningful.[2] Course prerequisites are too simplified (understanding of file and directory structures, ability to manoeuvre around and in the Windows environment). |  [1] We have added a section heading (course overview) – as info about the course content was already in the guide, yet not well visible. Teaching duration may depend on an approach (self-learning, blended, classroom), therefore we prefer to keep only the ECTS information. [2] Corrected. |
| M09 | Terrain Modelling and Analysis | - The learning obectives and teaching objectives are well developed. [1] Course material overview and teaching duration are missing, adding this to the teaching guide would make it more meaningful.[2] Course prerequisites are too simplified (understanding of file and directory structures, ability to manoeuvre around and in the Windows environment?). |  [1] We have added a section heading (course overview) – as info about the course content was already in the guide, yet not well visible. Teaching duration may depend on an approach (self-learning, blended, classroom), therefore we prefer to keep only the ECTS information. [2] Corrected. |
| M10 | Remote Sensing and GIS | - There are two sections on teaching methods, delete the redundant one. - Different teaching methods can be introduced in the teaching guide, which corresponds to the most applicable teaching contents.- The section on learning objectives needs to be improved. - The section on course material and teaching duration is missing.- The teaching and self-study hours per ECTS credit can be systemized (e.g. M10 has 6 ECTS – 15 teaching hrs and M04 has 3 ECTS – 14 teaching hrs) / recommended.  |  All comments are being revised. 15 teaching hrs for this module has been changed to 3 ECTS credits. |
| M11 | Application of Optical Remote Sensing in Agriculture | - The learning objectives and teaching objectives are well developed. - Course material overview and teaching duration are missing, adding this to the teaching guide would make it more meaningful. |  Course material overview was added. |
| M12 | Vegetation Mapping and Monitoring | - The section on learning objectives needs to be improved. - The second on course material and teaching duration is missing. | - The learning objectives are improved. - Course material overview and teaching duration are mentioned in the ‘short course description’. For teaching guide, following suggestion course material overview, credit allocation have been added. A short paragraph on course overview was also added. |
| M13 | Application of Remote Sensing in Forestry | [1] The teaching objectives needs to be rephrased also they refer to the learning guide, it would be helpful if the text is included in the teaching guide rather than creating a reference. [2] The course developer can relate the module with Module 02 and Module 03 because they cover similar contents, such as some basics about different (active and passive) remote sensing data and analysis technique.[3] The course material and teaching duration is missing.[4] Suggested credit numbers (2-6 ECTS) depend from the expected level or professional competences of academic program, but not from websites. | [1] objectives were revised[2] the mentioned cross references to M2 and M3 were already included.[3] a table with the material was added[4] the ECTS credit was revised according to the new table |
| M14 | Monitoring the Environment using RS | - the teaching methods need more guides.- How many ECTS credits are suggested?- Course developers should follow the template document.- The content of the theoretical part mentioned earlier is self-study, but the content of the theoretical part mentioned later is 50% taught by the teacher. There is a conflict between the two expression.  |  -Add detailed content for teaching method. -3 ECTS.-The file is revised according to the template document. -the self-study hours are 24 hours, and the lecture hours are 24 hours also. |
| M15 | Application of Remote Sensing in Water Management | - The teaching guide is well designed.- Different teaching methods can be introduced in the teaching guide, which corresponds to the most applicable teaching contents.- How many ECTS credits are suggested?- Course developers should follow the template document. |  - Thank you for the comments.- We tried to phrase the teaching guide in a flexible way, so teachers can adjust the material to their needs.- 3 ECTS- In fact, the template was used. |
| M16 | Ocean/Sea and Coastal Monitoring | - The teaching guide is well designed.- The course developer can choose some specific teaching methods related to this module to write into teaching guide to help potential teachers. In particular, the teaching method of practical session should be materialization.- How many ECTS credits are suggested? |  - Thank you for the comment.- We tried to phrase the teaching guide to provide room for flexibility. The practical exercises are adjusted to this requirement too.3 ECTS |
| M17 | Remote Sensing in Archaeology | - The learning objectives and teaching objectives are well developed.- Course material overview and teaching duration are missing. |  - Course material overview and teaching duration are mentioned in the ‘short course description’. For teaching guide, following suggestion course material overview, credit allocation has been added. A short paragraph on course overview was also added. |
| M18 | Application of Remote Sensing in Urban Environment | - The teaching contents can be more specific in the teaching guide to help teachers understand teaching contents and combine the teaching methods with contents. |  The teaching contents were completed. |
| M19 | Disaster Monitoring | - The teaching methods should be described the content of theory and practice separately in more detail. |  2 ECTS is recommended for this module. All comments are being revised. |
| M20 | Weather and Climate Monitoring with Remote Sensing | - The learning objectives and teaching objectives are well developed. [1] Course material overview and teaching duration are missing. The teaching duration should be provided for the potential teachers to help them arrange the teaching time. |  [1] We have added a section heading (course overview) – as info about the course content was already in the guide, yet not well visible. Teaching duration may depend on an approach (self-learning, blended, classroom), therefore we prefer to keep only the ECTS information.  |