



COURSE DATASHEET

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| Semester: | 2015/16/1 |
| Course: | Water framework directive |
| Code: | VEMKLIK254R |
| Responsible department: | Department of Limnology |
| Department code: | MKLI |
| Responsible instructor: | dr. Csilla Stenger-Kovács |

Course objectives:

To give basic knowledge about the ecological bases and goals of the Water Framework Directive

Course content:

1. Implementation of Water Framework Directive and the exploratory monitoring system 2. Typology and riskful water bodies 3. Reference status, class boundaries on biological and chemical basis. 4. Frame of the monitoring system, measured environmental parameters 5. Phytoplankton ecology, functional diversity 6. Phytoplankton as ecological indicator in the ecological status assessment 7. Coherence between phytoplankton community and environmental parameters. 8. Ecology of benthic diatoms 9. Sampling methods of benthic diatoms 10. Phytobenthos as ecological indicator in the ecological status assessment 11. Coherence between phytobenthos community and environmental parameters 12. Macroinvertebrates as ecological indicators in the ecological status assessment 13. Macrophytes as ecological indicators in the ecological status assessment 14. Fish as ecological indicator in the ecological status assessment 15. Final test

Requirements, evaluation and grading:

The presence in the practice part of the lessons and in the tests is compulsory. Result according to this shema: > 90% (5) 80-89 (4) 70-79 (3) 60-69 (2) 60 (1).

Required and recommended readings:

A tanszék kutatási eredményei + www.euvki.hu