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| **COURSE IDENTIFICATION FORM** |
| **Course Code and Name:** **Inland Water Ecology** | **Department of :** |
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| **Semester** |

 | **Theoretic Hour** | **Practice Hour** | **Total Hour** | **Credits** | **ECTS** | **Education Language** | **Type: Compulsory Elective** |
| Fall | 3 | 0 | 3 | 3 | 5 | Turkish | Optional |
| **Prerequisite (s)** |  |
| **Instructor** | Assoc. Dr. Osman Serdar | **Mail :**  oserdar@munzur.edu.tr**Web :** |
| **Course Assistant** |  | **Mail :****Web :** |
| **Groups / Classes** |  |  |
| **Course Aim** |  The aim of this course is to give detailed information about the importance of aquatic ecosystems in inland waters (streams, groundwater, lakes, etc.) in terms of ecological balance, general characteristics of freshwater resources, pollution monitoring systems, and the importance of monitoring in aquatic ecosystems. |
| **Course Goals** | 1. Knows the types of inland water2. Interpret the rivers and their ecological importance3.Classification of lakes and reservoirs reveals their differences.4. Interpret aquatic creatures, food chain and trophic level5. Knows and applies working techniques in inland waters.  |
| **Course Learning Outs and Proficiencie*s*** | Comment on inland waters ecology, living forms and reservoir, hydrological cycle, importance as a source of life and food chain. |
| **Course Basic and Auxiliary Contexts** | Published current SCI articles |
| **Methods of Give a Lecture** | Face to face |

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| **Assessment Criteria** |  | **If Available, to Sign (x)** | **General Average Percentage (%) Rate** |
| **1. Quiz** | **X** | **50** |
| **2. Quiz** |  |  |
| **3. Quiz** |  |  |
| **4. Quiz** |  |  |
| **5. Quiz** |  |  |
| **Oral Examination** |  |  |
| **Practice Examination (Laboratory, Project etc.)** |  |  |
| **Final Examination** | **X** | **50** |
| **Semester Course Plan** |
| **Week** | **Subjects** |
| **1** | The concept and definitions of inland waters |
| **2** | Inland water types, streams, lakes, groundwater, lagoons |
| **3** | Types of streams ecology |
| **4** | Types of streams ecology |
| **5** | Types of streams ecology |
| **6** | Types of lakes and their ecology |
| **7** | Types of lakes and their ecology |
| **8** | Types of lakes and their ecology |
| **9** | Groundwater and their ecology |
| **10** | Lagoons and their ecology |
| **11** | Importance of fresh waters |
| **12** | Freshwater fauna and its importance |
| **13** | Freshwater fauna and its importance |
| **14** | Freshwater flora and its importance |