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| Course: | | **SEDIMENT MANAGEMENT** | | | | | | | | |
| Course id: | |
| Number of ECTS: | |
| Teacher: | | Savic B. Radovan, full professor | | | | | | | | |
| Course status | | Elective | | | | | | | | |
| Number of active teaching classes (weekly) | | | | | | | | | | |
| Lectures: 2 | | Practical classes: 2 | | | Other teaching types: | | Study research work: | | Other classes: | |
| Precondition courses | | None/navesti ako ima | | | | | | | | |
| 1. Educational goal   Introduction to sediment origin, transport and quality issues in lowland agricultural area; wind and water erosion control and sediment management principles.. | | | | | | | | | | |
| 1. Educational outcomes   The students should be able to identify and solve problems of sediment origin, transport and deposition . | | | | | | | | | | |
| 1. Course content   Sediment origin and properties; Mechanical composition, basic chemical properties, hazardous matters and compounds; Sediment quality issues and assessment; Criteria for sediment classification; Sediment transport and deposition; Sediment environmental and hydrotechnical impacts; Principles of soil conservation and erosion by water and wind control; Nonpoint source pollution (transport mechanisms, contamination) and role of erosion processes; Quantity and quality of drainage and irrigation canal sediments; Dredged material disposal; contaminated sediment treatment and disposal methods; Beneficial uses of dredged material; Best management practices; Principles for sediment management; Sustainable sediment management; Sediment monitoring; Legislation, regulations, conventions and recommendations;. | | | | | | | | | | |
| 1. Teaching methods   Lectures, Consultations | | | | | | | | | | |
| Knowledge evaluation (maximum 100 points) | | | | | | | | | | |
| Pre-examination obligations | | | Mandatory | Points | | Final exam | | Mandatory | | Points |
| Lecture attendance | | | No |  | | Oral part of the exam | | Yes | | 50 |
| Test | | | No |  | |  | | | | |
| Exercise attendance | | | No |  | |
| Term paper | | | Yes | 50 | |
| Literature | | | | | | | | | | |
| Ord. | Author | | Title | | | Publisher | | | | Year |
|  |  | | Internet | | |  | | | |  |
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| Znak univerziteta | UNIVERSITY OF NOVI SAD  FACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Study Programme Accreditation  MASTER ACADEMIC STUDIES WATER MANAGEMENT |
| Table 5.2 Course specification | | |