

Code	IE 564
Name	Operations Research Models in Disaster Management
Hour per week	3(3 + 0)
Credit	3
ECTS	10
Level/Year	Graduate
Semester	Fall or Spring
Type	Elective
Prerequisites	IE511, IE521
Content	The course provides basic conceptual understanding of disasters, types and categories of disaster, disaster management operations. The main objective of the course is to investigate application of operation research methods to address problems in disaster operations management. The models span issues in different phases of disaster management namely mitigation, preparedness, response, and recovery. Different types of several published papers are discussed with specific emphasis on future research directions.