



Material measurements and on-site tests on floors and decks of transportation infrastructure

Scientific Responsible
Professor **Christina Plati**

Transportation infrastructure require right supervision, management and valid decision making in order to reduce transportation network vulnerability. The management of the maintenance of road networks concerns the recording of the condition of the road surfaces through their inspection and the recording of its functional and structural characteristics. The research team of the NTUA Laboratory of Pavement Engineering contributes to matters related to the management of pavement maintenance, through the experience and expertise it has in related matters. It is noted that the Laboratory has noted significant activity regarding research on the structural and functional evaluation of pavements and related materials, a matter directly related to the development and effective operation of a system for monitoring their behavior . In the context of the research in question, he has developed a sophisticated system for carrying out Non-Destructive Testing (NDT) on pavements with on-site recordings. The results are estimated to improve scientific knowledge on related issues, with the possibility of application to highways and road constructions inside and outside the Greek area.