

Abstract

The present study considers the reasons for contrast between engineering discourse and conservation, and to solve it, it introduces the interdisciplinary of engineering conservation. The conservation and

Engineering discourse, when facing historical buildings, takes different and sometimes conflicting approaches due to different perspective and the specialties forming each one, leading to detrimental interventions disrupting conservation goals. The conservation interdisciplinary has often been discussed in terms of goals, and its structure has not been addressed by conservation scholars due to engineering and conservation conflicts. The present study uses the psychology of historical discourse analysis and content analysis and various comparative and contextual theory to analyze this contrast and formulate the interdisciplinary of engineering conservation based on Allen F. Repko's interdisciplinary method and process. Next, it explains the reasons for conflict in four axes of subject, methodology, knowledge, and dominant value in judgment, thus developing the metaphor of historical structure from human body, thus introducing

medical-conservation model and merging engineering insight and conservation based on the mentioned model, to present the structure of knowledge and pathology and interdisciplinary treatment. By explaining the interdisciplinary structure of conservation, this study uses knowledge and engineering methods in line with goals of conservation, i.e. understanding and transferring the historical structure to the future.

Keywords: interdisciplinary of conservation, conflict, engineering discourse, discourse of conservation