

地震被害を受けた鉄筋コンクリート造建築物の応急危険度判定マニュアル
(1999 年トルコ・コジャエリ地震災害を基に)

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QUICK INSPECTION MANUAL FOR
DAMAGED REINFORCED CONCRETE BUILDINGS DUE TO EARTHQUAKES
Based on the Disaster of 1999 Kocaeli Earthquake in Turkey

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概要

現地時間 1999 年 8 月 17 日 3 時 1 分にトルコ西部のイズミット付近でコジャエリ地震が発生した。日本での経験と今回のコジャエリ地震による建築物の被害を基に、日本とトルコの知識・経験の交換、地震被害の現地調査及び検討により、トルコの建築物に適用可能な応急危険度判定マニュアルを開発した。

本資料は、この応急危険度判定手法の考え方及び判定シートとその適用方法を示している。また、現場での応急危険度判定を実施するための部材損傷度の定義と例を示している。

キーワード： 応急危険度判定、鉄筋コンクリート造建築物、地震被害、トルコ・コジャエリ地震

Synopsis

An earthquake occurred at 3:01 local time on August 17, 1999, with an epicenter near the city of Izmit in the western part of Turkey (Kocaeli Earthquake). Based on experiences in Japan and the damage of buildings due to the Kocaeli Earthquake, a quick inspection procedure applicable to buildings in Turkey was developed through field surveys, several discussions and exchange of mutual knowledge.

This report describes the basic concept, inspection sheet and application procedures including damage definitions and their examples which may facilitate to perform quick inspections in the field.

Keywords: Quick Inspection of Damage, Reinforced Concrete Building, Damage due to Earthquake.
Kocaeli Earthquake, Turkey

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