Accepted Manuscript

Active fault segmentation of the Çivril Graben System and surface rupture of the 1 October 1995 Dinar earthquake (Mw 6.2), Southwestern Anatolia, Turkey

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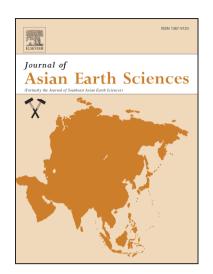
PII: S1367-9120(18)30306-7

DOI: https://doi.org/10.1016/j.jseaes.2018.07.037

Reference: JAES 3599

To appear in: Journal of Asian Earth Sciences

Received Date: 27 March 2018 Revised Date: 22 July 2018 Accepted Date: 22 July 2018



Please cite this article as: Özalp, S., Emre, O., Şaroğlu, F., Özaksoy, V., Elmacı, H., Duman, T.Y., Active fault segmentation of the Çivril Graben System and surface rupture of the 1 October 1995 Dinar earthquake (Mw 6.2), Southwestern Anatolia, Turkey, *Journal of Asian Earth Sciences* (2018), doi: https://doi.org/10.1016/j.jseaes. 2018.07.037

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Graphical abstract

Highlights

- Civril Graben System (CGS) is one of the important tectonic structures in the Western Anatolia.
- CGS comprises two main geometric sections of the Dinar Graben and the Baklan Graben.
- The last destructive earthquake in ÇGS was the 1995 Dinar Earthquake (Mw=6.2).
- Surface rupture of the 1995 Dinar Earthquake has been mapped in detail.
- Long term slip rate range of the Dinar Fault is calculated at 0.27 ± 0.05 mm/year

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