

YAYINLAR:

Makaleler (SCI):

- **Erkan, K.**, Akkoyunlu, B., Balkan, E., Tayanç, M. (2017), “A portable borehole temperature logging system using four-wire resistance method”, *Journal of Geophysics and Engineering*, 14, 1413-1419.
- Balkan, E., **Erkan, K.**, Şalk, M. (2017), “Thermal conductivity of major rock types in western and central Anatolian regions, Turkey”, *Journal of Geophysics and Engineering*, 14, 909-919.
- Jia, Y. Jin-woo, K., Shum, C.K., Lu, Z., Ding, X., Zhang, L., **Erkan, K.**, Kuo, C., Shang, K., Tseng, K.H., Yi, Y., (2016), “Characterization of Active Layer Thickening Rate over the Northern Qinghai-Tibetan Plateau Permafrost Region Using ALOS Interferometric Synthetic Aperture Radar Data, 2007–2009”, *Remote Sensing*, 9, 84.
- **Erkan, K.** (2015) “Geothermal investigations in western Anatolia using equilibrium temperatures from shallow boreholes”, *Solid Earth*, 6, 103-113.
- **Erkan, K.**, C. Jekeli, and C.K. Shum (2012), “Fusion of gravity gradient and magnetic field data for discrimination of anomalies using deformation analysis”, *Geophysics*, 77 (3), F13.
- Wang, L., C.K. Shum, F.J. Simons, A. Tassara, **K. Erkan**, C. Jekeli, A. Braun, C. Kou, H. Lee, D-N Yuan (2012), “Coseismic slip of the 2010 Mw 8.8 Maule, Chile, earthquake quantified by the inversion of GRACE observations”, *Earth and Planetary Science Letters*, 335, 167-179.
- **Erkan, K.** and C. Jekeli, (2011), “A comparative analysis of geophysical fields for multi-sensor applications”, *Journal of Applied Geophysics*, 74(2-3), 142-150.
- **Erkan, K.**, C.K. Shum, L. Wang, J. Guo, C. Jekeli, H. Lee, W. R. Panero, J. Duan, Z. Huang, and H. Wang, (2011), “Geodetic constraints on the Qinghai-Tibetan Plateau present-day geophysical processes”, *Terrestrial, Atmospheric, and Ocean Sciences*, 22, No 2, 241-253.
- **Erkan, K.**, and D.D. Blackwell (2009), “The transient thermal regimes in the Sierra Nevada and Baja California extinct outer arcs following the cessation of Farallon subduction”, *Journal of Geophysical Research*, 114, B02107.
- **Erkan K.**, and D.D. Blackwell (2008), “A thermal test of the post-subduction tectonic evolution along the California transform margin”, *Geophysical Research Letters*, 35(7), L07309.
- **Erkan, K.**, G. Holdmann, W. Benoit, and D.D. Blackwell (2008), “Understanding Chena Hot Springs Alaska geothermal system using temperature and pressure data from explorations wells”, *Geothermics*, 37(6), 565-585.
- Tanatar, B. and **K. Erkan** (2000), “Strongly interacting one-dimensional Bose-Einstein Condensates in harmonic traps”, *Physical Review A*, 62, 053601.

Makaleler (Diğer İndeksler):

- Negraru, P.T., D.D. Blackwell, and **K. Erkan** (2008), “Heat flow and geothermal potential in the South-central United States”, *Natural Resource Research*, 17(4), 227-243.

Kitap bölümü:

- Jekeli, Christopher, **Kamil Erkan**, and Ou Huang (2010), "Gravity vs pseudo-Gravity: a comparison based on magnetic and gravity gradient measurements", in: Gravity, Geoid and Earth Observation, pp. 123-127, Springer Berlin Heidelberg.

Diğer yayınlar (Google Scholar tarafından indeksli):

- **Erkan, K.** (2015) "Geophysical Investigations on Gravity Gradiometry and Magnetic Data over the Wichita Uplift Region, Southwestern Oklahoma" *OSU Geodetic Science and Surveying*, Report No 509.
- **Erkan, K.** (2014) "Crustal heat flow measurements in western Anatolia from borehole equilibrium temperatures", *Solid Earth Discussions*, 6, 403-426.
- **Erkan, K.** (2008) "A comparative overview of geophysical methods" *OSU Geodetic Science and Surveying*, Report No 488.

Konferans bildirileri (uluslararası):

- **Erkan K.**, Doğruel M., Akkoyunlu B., Bayat K., Şişman A., Balkan E, Tayanç M. (2017), "Development of a digital data transmission portable borehole temperature logging system for climatological and geothermal studies", 9th International Conference on Image Processing, Wavelet and Applications (IWW), 5-8 November 2017, Kars, Turkey.
- Tayanç M., **Erkan K.**, Akkoyunlu B., Balatacı H. (2017), "Statistical Analysis of Temperature and Precipitation Series of Turkey", 9th International Conference on Image Processing, Wavelet and Applications (IWW), 5-8 November 2017, Kars, Turkey.
- **Erkan, K.**, Tayanç, M., Akkoyunlu, B.O., Doğruel, M., Inal, M.O., Balkan, E. (2016), "20th century climate changes in western Turkey from borehole climatologic records", 8th International Conference on Image Processing, Wavelet and Applications, 22-24 September 2016, Istanbul, Turkey.
- Inal, M.O., **Erkan, K.**, Tayanç, M., Akkoyunlu, B., Balkan, E., Eren, E.S., and Aydın Y. (2016), "Paleoclimatic Modeling of Borehole Temperature-Depth Data and Applications for the Recent Climatic Changes in Western Anatolia", Geophysical Research Abstracts, Vol. 18, EGU2016-13639-1.
- **Erkan, K.**, E. Balkan, F. Atikol, and T. Başaran (2016), "Development of a high precision thermistor probe for paleo-climate studies", presented at International Conference at the Anatolian Peak (IPCAP) 2016, 25-27 February 2016, Erzurum, Turkey.
- **Erkan, K.**, M. Doğruel, K. Bayat, B. Akkoyunlu, M. Tayanç, E. Balkan, S. Hamamcı (2015), "Development of a Digital Output Temperature Probe for Precision Measurements", *GRC Transactions*, 39, 1069-1072, presented at GRC Annual Meeting, September 20-23, 2015, Reno, NV, USA.
- **Erkan, K.** (2014), "Basin depth distribution in western Anatolia Using EGM2008 Gravity Model", *GRC Transactions*, 38, 123-125, presented at GRC Annual Meeting, September 28-October 1, 2014, Portland, Oregon, USA.

- **Erkan, K.** (2014), “Crustal heat flow analysis in Central Anatolia from borehole equilibrium temperatures”, *Geophysical Research abstracts*, 16, EGU2014-13064, presented at EGU General Assembly 2014, 27 April - 2 May 2014, Vienna, Austria.
- **Erkan, K.** (2013), “Crustal heat flow in Western Anatolia from borehole temperature-depth measurements”, *Geophysical Research abstracts*, 15, EGU2013-13891, presented at EGU General Assembly 2013, 7-12 April 2013, Vienna, Austria.
- Thakur, M, D. D. Blackwell, & **K. Erkan** (2012), “The regional thermal regime in Dixie Valley, Nevada”, *GRC Transactions*, 36, 59-68.
- **Erkan, K.**, and C. Jekeli, (2009), “Application of deformation theory for integrated modeling of gravity gradiometric and magnetic field data”, *Eos Trans. AGU*, 90(52), G33A-0627, presented at *AGU Fall Meeting*, December 14-18, 2009, San Francisco, CA.
- **Erkan, K.**, C. Jekeli, & C. Shum (2008), “A quantitative approach for detection of subsurface voids using multi-sensor data fusion”, *Eos Trans. AGU*, 89(53), T21B-0586, presented at *AGU Fall Meeting*, December 15-19, 2008, San Francisco, CA.
- **Erkan, K.** and D. Blackwell (2007), “Correlation of shear deformation and heat flow along the Coast and Insular belts of Western British Columbia”, *Eos Trans. AGU*, 88(52), presented at *AGU Fall Meeting*, December 10-14, 2007, San Francisco, CA.
- **Erkan, K.**, G. Holdmann, D. Benoit, and D. Blackwell (2007), “Thermal characteristics of the Chena hot springs Alaska geothermal system”, *Proceedings: Thirty-second Workshop on Geothermal Reservoir Engineering*, SGP-TR-183, January 22-24, 2007, Stanford, CA.
- **Erkan, K.**, and D. Blackwell (2006), “Thermal implications of the cessation of subduction in the Sierra Nevada and Baja-California arcs”, *Eos Trans. AGU*, 87(52), S43A-1357, presented at *AGU Fall Meeting*, December 11-15, 2006, San Francisco, CA.
- **Erkan, K.**, and D. Blackwell (2005), “Holes in the hole-in-the-plate model: The late Cenozoic thermal regime of Coastal California”, *Eos Trans. AGU*, 86(52), S41B-0993, presented at *AGU Fall Meeting*, December 5-9, 2006, San Francisco, CA.
- **Erkan, K.**, D. Blackwell, and M. Leidig (2005), “Crustal thermal regime at the Geysers/Clear Lake area, California”, *Proceedings of the World Geothermal Congress*, April 24-29, 2005, Antalya, Turkey.

Konferans bildirileri (ulusal):

- **Erkan, K.**, Jekeli, C, Shum C.K. (2017), “Erciyes Havzası yapısının gravite yöntemiyle incelenmesi” Aktif Tektonik Araştırma Grubu (ATAG) 21. Çalıştay, 26-28 Ekim 2017, Afyon.
- **Erkan, K.**, (2012), “Jeolojik yapıların tanımlanmasında manyetik alan ölçümlerinin istatistiksel analizi” Aktif Tektonik Araştırma Grubu (ATAG) 16. çalıştay, 18-19 Ekim 2012, İstanbul.
- **Erkan, K.**, (2011), “Kabuksal ısı akısı ölçüm teknikleri ve uygulama alanları” Aktif Tektonik Araştırma Grubu (ATAG) 15. çalıştay, 19-22 Ekim 2011, Adana.