

MEHMET AKİF SARIKAYA, PhD

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POSITIONS

- **2018**, Professor, Eurasia Institute of Earth Sciences, Istanbul Technical University, İstanbul, Turkey
- **2013**, Associate Professor, Eurasia Institute of Earth Sciences, Istanbul Technical University, İstanbul, Turkey
- **2010**, Research Associate & Lecturer, Remote Sensing & GIS Applications Lab., Geography-Geology Department, University of Nebraska-Omaha, NE, USA
- **2009**, Technical Expert, Cosmogenic Isotope Lab., University of Arizona, AZ, USA
- **2004**, Research & Teaching Assistant, Hydrology and Water Resources Department, University of Arizona, AZ, USA
- **1998**, Research & Teaching Assistant, Geological Engineering Department, Hacettepe University, Ankara, Turkey

RESEARCH INTERESTS

- Cosmogenic Isotope Geochronology
- Glacial and Quaternary Geology and Paleoclimate
- Morphotectonic, Geomorphology and Landscape Evolution
- Remote Sensing of Glaciers

Understanding the past and present surface processes and climate of Earth via in-situ produced cosmogenic isotopes and remote sensing data

EDUCATION

- **Post-Doctoral Training**, Remote Sensing and GIS Applications Lab., University of Nebraska-Omaha, NE, USA, Advisors: Dr. Michael P. Bishop and Dr. John F. Shroder
- **Ph.D.**, 2009, Hydrology and Water Resources Department, University of Arizona, AZ, USA, Advisor: Dr. Marek Zreda., GPA: 3.89/4.00
- **MSc.**, 2001, Geological Engineering Department, Hacettepe University, Ankara, Turkey. GPA: 4.00/4.00
- **BSc.**, 1998, Geological Engineering Department, Hacettepe University, Ankara, Turkey. GPA: 3.08/4.00

EXPERIENCES AND SKILLS

- A member of the first Turkish Antarctic Research Expedition in April 2016
- Build the first cosmogenic sample preparation laboratory of Turkey: İTÜ/Kozmo-Lab (<http://www.kozmo-lab.itu.edu.tr>)
- Expert in Cosmogenic Isotope Geochronology. Collecting samples, target preparation, and data analysis for ^{36}Cl .
- Remote sensing analysis of glacial morphology and dynamics via ASTER and Landsat multispectral imagery.
- Regional Center of Turkish Glaciers for the International GLIMS (Global Land Ice Measurements from Space) project.
- Participating on preparation and experience of operation of a cosmogenic age calculation engine; ACE.

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- Adapted and operated a FORTRAN code to simulate glacier flow modeling on valley glaciers.
- Operating PISM, ERDAS Imagine, ENVI, ArcGIS, Surfer, Sigma Plot, AI, Groundwater Vistas computer programs.
- Wrote and operated a Monte Carlo code to simulate age distribution for boulders on eroding surfaces.
- MatLab, Pascal and FORTRAN programming languages.

AWARDS, SERVICES AND PROFESSIONAL AFFILIATIONS

- ITU, Outstanding professor awards, 2022-23 (10th percentile)
- Local organizing committee, The 4th Conference of the Arabian Journal of Geosciences, 25-28 November 2021, Istanbul Turkey
- Editorial Board Member of the Journal of “Mediterranean Geoscience Reviews (Springer)”
- National representative, International Union for Quaternary Research (INQUA)
- Founding president of Turkish Paleoclimatology Working Group, 2023
- Vice Dean, Eurasia Institute of Earth Sciences, ITU, since 2015
- Education coordinate of the Geodynamic MSc and PhD programs, since 2015
- Science Committee member of the ŞAR (Urban Research Center of Ankara), 2015-2018
- Organizing secretary of the Quaternary Symposium’s of Turkey (TURQUA)
- Travel Award of “ESF-LFUI-Cosmogenic Nuclides Conference”, European Science Foundation, August, 8, 2011 to Innsbruck, Austria.
- Travel Award of “The Workshop on Preparing for an Academic Career in the Geosciences”, Stanford University, July 29-August 1, 2010, provided from “On the Cutting Edge”.
- Montgomery Award for “Best Oral Presentation” in the 16th Annual El Dia Del Agua Conference, University of Arizona, 2006.
- TUBITAK (The Scientific and Technological Research Council of Turkey) Münir Birsel Doctoral Fellowship, 2002-2004.
- Turkish Government Scholarship, 1995-1998.
- Member of editorial board of Mavi Gezegen (a Turkish journal in popular science of geology and environmental sciences, publication of Chamber of Geological Engineers of Turkey), 2001-2004.
- Member of the American Geophysical Union and the Chamber of Geological Engineers of Turkey.
- Maintaining a blog about Turkish Geological Research News (<http://turkgeonews.wordpress.com>)

PROFESSIONAL TRAINING

- University of Arizona, “Introduction to Arc Hydro Data Representation” by Durcik, M., 2005, Tucson, AZ.
- Middle East Technical University, Turkey, “Large Scale Geological Structures” by Davis, G.H., 1999.
- Hacettepe University and NATO, “Geological Applications of Radar Remote Sensing and Interferometry-Theoretical and Practical Course by Froger, J.L.”, 2003 Ankara, Turkey.

TEACHINGS

- Quaternary Geochronology
- Dating Methods in Earth Sciences
- Cosmogenic Isotopes
- Paleoclimate
- Selected Topics in Quaternary Sciences
- Earth Science
- Weather and Climate

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- Hydrology
- Environmental Problems of Turkey
- Special Topics in Geography
- Quaternary Environments
- Environmental Geology
- Hydrology Lab (as a teaching assistant)
- Physical Geology (as a teaching assistant)
- Structural Geology (as a teaching assistant)

PUBLICATIONS (*more than 2000 citation to 59 documents, h-index=22, according to Scopus*)

ARTICLES IN INTERNATIONAL JOURNALS

- Khandsuren, P., Seong, Y.B., Rhee, H.H., Lee, C-H., **Sarikaya, M.A.**, Oh, J-S., Sandag, K., Yu, B.Y., 2023. Asynchronous glacial dynamics of Last Glacial Maximum mountain glaciers in the Ikh Bogd Massif, Gobi Altai mountain range, southwestern Mongolia: aspect control on glacier mass balance. *The Cryosphere Discuss.* Vol 17-6, pp. 2409–2435.
- Kaveh-Firouz, A., Mohammadi, A., Görüm, T., **Sarikaya, M.A.**, Alizadeh, H., Akbaş, A., Mirarabi, A., 2022. Main drivers of drainage pattern development in onshore Makran Accretionary Wedge, SE Iran. *International Journal of Earth Sciences*, doi: 10.1007/s00531-022-02270-6.
- Çiner, A., **Sarikaya, M.A.**, Yıldırım, C., Girault, I., Todisco, D., Martin, F., Borrero, L. and Fabel, D., 2022. Terrestrial cosmogenic ¹⁰Be dating of the Última Esperanza ice lobe moraines (52° S, Patagonia) indicates the global Last Glacial Maximum (LGM) extent was half of the local LGM. *Geomorphology*, 414, p.108381.
- Özpolat, E., Yıldırım, C., Görüm, T., Gosse, J.C., Şahiner, E., **Sarikaya, M.A.** and Owen, L.A., 2022. Three-dimensional control of alluvial fans by rock uplift in an extensional regime: Aydın Range, Aegean extensional province. *Scientific reports*, 12 (1), pp.1-14.
- Köse, O., **Sarikaya, M.A.**, Çiner, A., Candaş, A., Yıldırım, C. and Wilcken, K.M., 2022. Reconstruction of Last Glacial Maximum glaciers and palaeoclimate in the central Taurus Range, Mt. Karanfil, of the Eastern Mediterranean. *Quaternary Science Reviews*, 291, p.107656.
- Altınay, O., **Sarikaya, M.A.**, Çiner, A., Žebre, M., Stepišnik, U., Yıldırım, C., Yetemen, Ö. and Wilcken, K.M., 2022. Cosmogenic ³⁶Cl surface exposure dating of glacial landforms on Mt. Barla (SW Turkey). *Geomorphology*, p.108424.
- Hashemi, K., **Sarikaya, M. A.**, Görüm, T., Wilcken, K.M., Çiner, A., Žebre, M., Stepišnik, U., Yıldırım, C. 2022. The Namaras rock avalanche: Evidence of mid-to-late Holocene paraglacial activity in the Central Taurus Mountains, SW Turkey. *Geomorphology* 108261.
- Azzoni, R.G., Bollati, I. M., Pelfini, M., **Sarikaya, M.A.**, Zerboni, A., 2022. Geomorphology of a recently deglaciated high mountain area in Eastern Anatolia (Turkey), *Journal of Maps* doi: 10.1080/17445647.2022.2035269
- Girault, I., Todisco, D., Çiner, A., **Sarikaya, M.A.**, Yıldırım, C., Quiquerez, A., Martin, F., Borrero, L., Fabel, D., Grandjean, P., Nehme, C., Mouralis, D., 2022. ¹⁰Be chronology of deglaciation and ice-dammed lake regression in the vicinity of the Mylodon Cave (Cerro Benitez, Patagonia, Chile), *Quaternary Science Reviews* 278, 107354.
- Baykara, İ., **Sarikaya, M.A.**, Şahin, Ş., Dinçer, B., Ünal, E., 2022. Late Acheulean Lithic Assemblages from Locality 010 at Gürgürbaba Hill (Eastern Anatolia). *European Journal of Archaeology*, 1-20. doi:10.1017/ea.2021.50
- Yıldırım, C., Aksoy, M.E., Özcan, O., İşiler, M., Özbey, V., Çiner, A., Salvatore, P., **Sarikaya, M.A.**, Doğan, T., İlkmen, E. and Schneiderwind, S., 2022. Coseismic (20 July 2017 Bodrum-

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- Kos) and paleoseismic markers of coastal deformations in the Gulf of Gökova, Aegean Sea, SW Turkey. *Tectonophysics* 822, p.229141. <https://doi.org/10.1016/j.tecto.2021.229141>
- Žebre, M., **Sarikaya, M.A.**, Stepišnik, U., Colucci, R.R., Yıldırım, C., Çiner, A., Candaş, A., Vlahović, I., Tomljenović, B., Matoš, B. and Wilcken, K.M., 2021. An early glacial maximum during the last glacial cycle on the northern Velebit Mt. (Croatia). *Geomorphology*, p.107918. doi.org/10.1016/j.geomorph.2021.107918
 - Köse, O., **Sarikaya, M.A.**, Çiner, A., Yıldırım, C., 2021. Glacial geomorphology of the Aladağlar, central Taurus Mountains, Turkey, *Journal of Maps*, 17:2, 101-113, DOI: 10.1080/17445647.2021.1883137
 - McClain, K., Yıldırım, C., Çiner, A., **Sarikaya, M.A.**, Özcan, O., Görüm, T., Köse, O., Şahin, S., Kıyak, N.G., Öztürk, T. 2021. River, alluvial fan and landslide interactions in a tributary junction setting: Implications for tectonic controls on Quaternary fluvial landscape development (Central Anatolian Plateau margin, Turkey), *Geomorphology* 376, 107567. Doi: 10.1016/j.geomorph.2020.107567
 - McClain, K. P., Yıldırım, C., Çiner, A., Şahin, S., **Sarikaya, M. A.**, Özcan, O., Kıyak, N.G., Öztürk, T., 2020. Quaternary Rock Uplift Rates and Their Implications for the Western Flank of the North Anatolian Fault Restraining Bend; Inferences from Fluvial Terrace Ages. *Tectonics* 39 (10), e2019TC005993. Doi: 10.1029/2019TC005993.
 - Candaş, A., **Sarikaya, M.A.**, Köse O., Şen, Ö.L., Çiner, A., 2020, Modelling Last Glacial Maximum ice cap with the Parallel Ice Sheet Model to infer palaeoclimate in south-west Turkey. *J. Quaternary Sci*, 35(7): 935-950. doi:10.1002/jqs.3239.
 - **Sarikaya, M.A.**, Stepišnik, U., Zebre, M., Çiner, A., Yıldırım, C., Vlahović, I., Tomljenović, B., Matoš, B., Wilcken, K.M., 2020. Last glacial maximum deglaciation of the Southern Velebit Mt. (Croatia): insights from cosmogenic ^{36}Cl dating of Rujanska Kosa. *Mediterranean Geoscience Reviews* 2, 53-64. doi: 10.1007/s42990-020-00030-9.
 - Azzoni, R.S., **Sarikaya, M.A.**, Fugazza, D., 2020. Turkish glacier inventory and classification from high-resolution satellite data. *Mediterranean Geoscience Reviews* 2, 153-162. doi: 10.1007/s42990-020-00029-2
 - Altınay, O., **Sarikaya, M.A.**, Çiner, A., 2020. Late-glacial to Holocene glaciers in the Turkish mountains. *Mediterranean Geoscience Reviews* 2, 119-133. doi: 10.1007/s42990-020-00024-7.
 - Oliva, M., **Sarikaya, M.A.**, Hughes, P., 2020. Holocene and earlier glaciations in the Mediterranean Mountains. *Mediterranean Geoscience Reviews* 2, 1-4. doi: 10.1007/s42990-020-00025-6.
 - Çiner, A., Stepišnik, U., **Sarikaya, M.A.**, Žebre, M., Yıldırım, C., 2019. Last Glacial Maximum and Younger Dryas piedmont glaciations in Blidinje, the Dinaric Mountains (Bosnia and Herzegovina): insights from ^{36}Cl cosmogenic dating. *Mediterranean Geoscience Reviews* 1, 25-43.
 - Çiner, A., Yıldırım, C., **Sarikaya, M.A.**, Seong, Y., Yu, Y. B., 2019. Cosmogenic ^{10}Be exposure dating of glacial erratics on Horseshoe Island in western Antarctic Peninsula confirms deglaciation in the Early Holocene. *Antarctic Science* 31(6), 319-331
 - Mechernich, S., Tibor J. Dunai, Steven A. Binnie, Tomasz Goral, Stefan Heinze, Alfred Dewald, Irene Schimmelpfennig, Karim Keddadouche, Georges Aumaître, Didier Bourlès, Shasta Marrero, Klaus Wilcken, Krista Simon, David Fink, Fred M. Phillips, Marc W. Caffee, Laura C. Gregory, Richard Phillips, Stewart P.H.T. Freeman, Richard Shanks, **M. Akif Sarikaya**, Stefan Pavetich, Georg Rugel, Silke Merchel, Naki Akçar, Serdar Yesilyurt, Susan Ivy-Ochs, Christof Vockenhuber, 2019. Carbonate and silicate intercomparison materials for cosmogenic ^{36}Cl measurements, *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* 455, 250-259.

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- Ulusoy, İ., **Sarıkaya, M.A.**, Schmitt, A. K., Şen, E., Danişık, M., Gümüş, E., 2019. Volcanic Eruption Eye-witnessed and Recorded by Prehistoric Humans, *Quaternary Science Reviews* 212, 187-198.
- Žebre, M., **Sarıkaya, M.A.**, Stepišnik, U., Yıldırım, C., Çiner, A. 2018. First ³⁶Cl cosmogenic moraine geochronology of the Dinaric mountain karst: Velez and Crvanj Mountains of Bosnia and Herzegovina. *Quaternary Science Reviews* 208, 54-75.
- **Sarıkaya, M.A.**, Çiner, A., Zreda, M., Şen, E., Ersoy, O. 2019. Chlorine degassing constrained by cosmogenic ³⁶Cl and radiocarbon dating of early Holocene rhyodacitic lava domes on Erciyes stratovolcano, central Turkey. *Journal of Volcanology and Geothermal Research* 369, 263-275.
- Köse, O., **Sarıkaya, M.A.**, Çiner, A., Candaş, A., 2019. Late Quaternary glaciations and cosmogenic ³⁶Cl geochronology of Mount Dedegöl, south-west Turkey. *Journal of Quaternary Science* 34 (1), 51-63. doi: 10.1002/jqs.3080 ISSN 0267-8179.
- Berndt, C., Yıldırım, C., Çiner, A., Ertunç, G., **Sarıkaya, M.A.**, Özcan, O., Öztürk, T., Kıyak, N.G., Strecker, M., 2018. Quaternary uplift of the northern margin of the Central Anatolian Plateau: new OSL dates of fluvial and delta-terrace deposits of the Kızılırmak River, Black Sea coast, Turkey, *Quaternary Science Reviews* 201, 446-469.
- Oliva, M., Žebre, M., Guglielmin, M., Hughes, P.D., Çiner, A., Vieira, G., Bodin, X., Andrés, N., Colucci, R.R., García-Hernández, C., Mora, C., Nofre, J., Palacios, D., Pérez-Alberti, A., Ribolini, A., Ruiz-Fernández, J., **Sarıkaya, M.A.**, Serrano, E., Urdea, P., Valcárcel, M., Woodward, J.C., Yıldırım, C., 2018. Permafrost conditions in the Mediterranean region since the Last Glaciation. *Earth-Science Reviews* 185, 397-436.
- Çiner, A., **Sarıkaya, M.A.**, 2018. Comments to “Glacio-Mechanical Effects Around Isparta Plain (Sw Turkey): Evidence for Lower-Altitude Glacial Extent?” by Ateş (Carpathian Journal of Earth and Environmental Sciences, August 2016, 11, 2, 415 - 426). *Carpathian Journal of Earth and Environmental Sciences*, 13, 1, 327-331. doi: 10.26471/cjees/2018/013/028.
- Çiner, A., **Sarıkaya, M.A.**, Yıldırım, C., 2017. Misleading old age on a young landform? The dilemma of cosmogenic inheritance in surface exposure dating: Moraines vs. rock glaciers. *Quaternary Geochronology* 42, 76–88. doi:10.1016/j.quageo.2017.07.003
- **Sarıkaya, M.A.**, Çiner, A., Yıldırım, C., 2017. Cosmogenic ³⁶Cl glacial chronologies of the Late Quaternary glaciers on Mount Geyikdağ in the Eastern Mediterranean, *Quaternary Geochronology* 39, 189-204. doi: 10.1016/j.quageo.2017.03.003.
- Dede, V., Çiçek, İ., **Sarıkaya, M.A.**, Çiner, A., Uncu, L., 2017. First cosmogenic geochronology from the Lesser Caucasus: Late Pleistocene glaciation and rock glacier development in the Karçal Valley, NE Turkey, *Quaternary Science Reviews* 164, 54-67.
- Yıldırım, C., **Sarıkaya, M.A.**, Çiner, A., 2016. Late Pleistocene intraplate extension of the Central Anatolian Plateau, Turkey: Inferences from cosmogenic exposure dating of alluvial fan, landslide and moraine surfaces along the Ecemiş Fault Zone, *Tectonics* 35, 1-19, doi: 10.1002/2015TC004038.
- Çiner A., **Sarıkaya, M.A.**, Yıldırım, C., 2015. Late Pleistocene piedmont glaciations in the Eastern Mediterranean; insights from cosmogenic ³⁶Cl dating of hummocky moraines in southern Turkey, *Quaternary Science Reviews* 116, 44-56 doi:10.1016/j.quascirev.2015.03.017
- **Sarıkaya, M.A.**, Yıldırım, C., Çiner, A., 2015, No surface breaking on Ecemiş Fault, central Turkey, since Late Pleistocene (~64.5 ka); new geomorphic and geochronologic data from cosmogenic dating of offset alluvial fans. *Tectonophysics* 649, 33-46.
- **Sarıkaya, M.A.**, Çiner, A., Zreda, A., 2015, Fairy chimney erosion rates on Cappadocia ignimbrites, Turkey; insights from cosmogenic nuclides. *Geomorphology* 234, 182-191.
- **Sarıkaya, M.A.**, Yıldırım, C., Çiner, A., 2015, Late Quaternary alluvial fans of Emli Valley in the Ecemiş Fault Zone, south central Turkey: Insights from cosmogenic nuclides. *Geomorphology* 228, 512–525.

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- Pfeffer, W.T., Arendt, A.A., Bliss, A., Bolch, T., Cogley, J.G., Gardner, A.S., Hagen, J.O., Hock, R., Kaser, G., Kienholz, C., Miles, E.S., Moholdt, G., Molg, N., Paul, F., Radic, V., Rastner, P., Raup, B.H., Rich, J., Sharp, M.J., and Randolph Consortium (including **Sarikaya, M.A.**), 2014. The Randolph Glacier Inventory: a globally complete inventory of glaciers. *Journal of Glaciology* 60, 537-552.
- **Sarikaya, M.A.**, Çiner, A. Haybat, H., Zreda, M., 2014. An early advance of glaciers on Mount Akdag, SW Turkey, before the global Last Glacial Maximum; insights from cosmogenic nuclides and glacier modeling, *Quaternary Science Reviews* 88, 96-109.
- Çiner, A., **Sarikaya, M.A.**, Aydar, E., 2013. Comments on “Monitoring soil erosion in Cappadocia region (Selime-Aksaray-Turkey)” by Yilmaz et al. (Environ Earth Sci 2012, 66:75-81), *Environmental Earth Sciences*, 70, 1927–1931.
- **Sarikaya, M. A.**, Bishop, P. M., Shroder, J. F., Ghazanfar, A., 2013, Remote sensing assessment of glacier fluctuations in the Hindu Raj, Pakistan, *International Journal of Remote Sensing*, 34 (11), 3968-3985.
- **Sarikaya, M.A.**, Bishop, P. M., Shroder, J. F., Olsenholler, J.A., 2012, Space-based observations of Eastern Hindu Kush glaciers between 1976 and 2007, Afghanistan and Pakistan. *Remote Sensing Letters*. 3 (2), 77-84.
- **Sarikaya, M.A.**, 2012, Recession of the ice cap on Mount Ağrı (Ararat), Turkey, from 1976 to 2011 and its climatic significance. *Journal of Asian Earth Science*, 46, 190-194.
- Zreda, M., Çiner, A., **Sarikaya, M.A.**, Zweck, C., Bayarı, S., 2011, Remarkably extensive glaciation and fast deglaciation and climate change in Turkey near the Pleistocene Holocene boundary, *Geology*, 39 (11), 1051–1054.
- **Sarikaya, M.A.**, Zreda, M., Çiner, A., 2009. Glaciations and paleoclimatic variations on Mount Erciyes, central Turkey, since the Last Glacial Maximum, inferred from ³⁶Cl cosmogenic dating and glacier modeling. *Quaternary Science Reviews*, 28 (23-24), 2326-2341.
- **Sarikaya, M. A.**, Zreda, M., Çiner, A., Zweck, C., 2008. Cold and wet Last Glacial Maximum on Mount Sandıras, SW Turkey, inferred from cosmogenic dating and glacier modeling, *Quaternary Science Reviews*, 27 (7-8), 769-780.

ARTICLES IN OTHER JOURNALS

- **Sarikaya, M. A.**, Çiner, A., 2015. Türkiye Geç Kuvaterner Buzullaşması ve Paleoklimi, *Maden Tetkik ve Arama Dergisi* 151, 111-132.
- **Sarikaya, M. A.**, Çiner, A., 2015. Late Pleistocene Glaciations and Paleoclimate of Turkey, *Bulletin of the Mineral Research and Exploration* 151, 107-127.
- Tuna, F., **Sarikaya, M.A.**, 2014, Coğrafya eğitiminde fiziki coğrafya öğretimi için bir rota önerisi: Çatalca Yarımadası batısı, İstanbul, *Marmara Coğrafya Dergisi* 30, 45-68.
- Tuna, F., **Sarikaya, M.A.**, 2014, Sarıyer, Beykoz ve Şile’de (İstanbul) Coğrafya eğitimi için rota önerileri, *Doğu Coğrafya Dergisi* 31, 189-205.
- **Sarikaya, M.A.**, 2004. Gediz ayrılma zonu: Fay kayacı stratigrafisi ve tektonik önemi, *Yerbilimleri* (Hacettepe Üniversitesi Yerbilimleri Uygulama ve Araştırma Merkezi Bülteni), 30, 63-79.
- **Sarikaya, M.A.**, Çiner, A., Zreda, M., 2003, Erciyes Volkanı Geç Kuvaterner buzul çökelleri, *Yerbilimleri* (Hacettepe Üniversitesi Yerbilimleri Uygulama ve Araştırma Merkezi Bülteni), 27, 59-74.
- Bayhan, E., Şahbaz, A., Görmüş, S., Yakupoğlu, T., Hasdıgen, S., **Sarikaya, M.A.**, Başara, B., 2001, Adapazarı-Bolu (Batı Karadeniz) yöresi Geç Paleosen-Eosen sedimanter istifinin kil mineralojisi, *Yerbilimleri* (Hacettepe Üniversitesi Yerbilimleri Uygulama ve Araştırma Merkezi Bülteni), 23, 145-158.

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BOOKS & EDITED BOOKS

- **Sarıkaya, M.A., Yıldız, Ş.** 2018. 8'nci Türkiye Kuvaterner Sempozyumu Bildiriler Kitabı (Editörler: M. Akif Sarıkaya ve Şeyma Yıldız), 2-5 Mayıs 2018 - İstanbul Teknik Üniversitesi - Avrasya Yer Bilimleri Enstitüsü, Sarıyer-İstanbul
- Kar, M., **Sarıkaya, M.A.**, 2017. Şehir Ekonomisi; Ankara Şehir Araştırmaları (Editörler: Muhsin, Kar ve M. Akif Sarıkaya), Ankara Şehir Araştırmaları Serisi, Aralık 2017 ISBN: 978-605-9347-25-9.
- **Sarıkaya, M.A.**, 2016. 7'nci Türkiye Kuvaterner Sempozyumu Bildiriler Kitabı (Editör: M. Akif Sarıkaya), 8-11 Mayıs 2016 - İstanbul Teknik Üniversitesi - Avrasya Yer Bilimleri Enstitüsü, Sarıyer-İstanbul
- **Sarıkaya, M.A.**, 2010. Quaternary glaciers of Turkey; a glacio-chronologic and paleoclimatic view. Lambert Academic Publishing, Germany, 140 pp. ISBN 978-3-8383-2793-8

BOOK CHAPTERS

- Çiner, A., **Sarıkaya, M.A.**, 2023. The Anatolian Peninsula. In: M. Oliva et al. (eds.), Periglacial Landscapes of Europe, Springer Nature Switzerland. pp. 115-134.
- Çiner, A., **Sarıkaya, M.A.**, Yıldırım, C., 2022. Cosmogenic Surface Exposure Dating Applications from Turkey; Moraines, Alluvial Fans, Fluvial Terraces, Lava Flows and Incision Rates. (Eds) Çiner, et. al., Recent Research on Geomorphology, Sedimentology, Marine Geosciences and Geochemistry, Advances in Science, Technology & Innovation, Proceedings of the 2nd Springer Conference of the Arabian Journal of Geosciences (CAJG-2), Tunisia 25-28 November 2019. Springer. ISSN 2522-8714. p 3-7. Doi:10.1007/978-3-030-72547-1_1
- Yıldırım, C., **Sarıkaya, M.A.**, Çiner, A., 2020. İç Anadolu Fay Zonu, Y. Güngör (Ed.) Türkiye Deprem Atlası. Atlas Dergisi, Aralık Sayısı Eki. Turkuaz Dağıtım, 46-48.
- **Sarıkaya, M.A.**, 2020. Akseki ve Çevresinin Coğrafyası ve Jeolojisi, Ben Akseki'yim 2, Akseki Turizm Rehberi El kitabı, Akseki Derneği Yayınları, 32 pp. ISBN: 9786050614220.
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