

## Curriculum Vitae

### Personal Information

**Name:** Cengiz

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### Education

Year	Diploma	University
2008	Phd. Earth System Science	Istanbul Technical University Eurasia Institute of Earth Sciences
2002	M.A. Physical Geography	Istanbul University
1998	Geography/Geomorphologist	Istanbul University

### Academic Background

Year	Institute	Position
06.2019-Present	Istanbul Technical University, Eurasia Institute of Earth Sciences	Prof.Dr.
10.2014-05.2019	Istanbul Technical University, Eurasia Institute of Earth Sciences	Assoc. Prof. Dr.
08.2012-09.2014	Istanbul Technical University, Eurasia Institute of Earth Sciences	Assist Prof. Dr.
09.2011-07.2012	University of Potsdam, Institute of Earth and Environmental Sciences Germany	Post-Doc
04.2009- 08.2011	German Research Center for Geosciences, GFZ Potsdam	Post-Doc
08.2008-03.2009	University of Potsdam, Institute of Earth Sciences,Germany	Post-Doc
06.2002-07.2008	Mineral Research and Exploration of Turkey, Department of Geological Research	Geomorphologist
10.1999-05.2002	Istanbul University Department of Geography	Research Assistant

Teaching	Research
Active Tectonics, Earth Surface Processes Geohazards	Tectonic Geomorphology, Quaternary Geology and Geochronology, Seismic Hazard, Coastal Hazard
<b>Journal Review:</b> Tectonics, Geomorphology, Tectonophysics, Geomarine Letters, Journal of Geodynamics, Basin Research, Geodinamica Acta, Quaternary International, Turkish Journal of Earth Science	

## Complete list of publications of Cengiz Yıldırım

### Publications with peer review process

Number of Items: 30, Citations: 1165, h index: 19 (August 2020)

1. Özpolat, E., Yıldırım, C., & Görüm, T. (2020). The Quaternary landforms of the Büyük Menderes Graben System: the southern Menderes Massif, western Anatolia, Turkey. *Journal of Maps*, 16(2), 405–419.  
<https://doi.org/10.1080/17445647.2020.1764874>
2. Yıldırım, C\*. (2020). Geomorphology of Horseshoe Island, Marguerite Bay, Antarctica. *Journal of Maps*. <https://doi.org/10.1080/17445647.2019.1692700>
3. Çiner, A., Yıldırım, C, Sarıkaya, M., Seong, Y., & Yong Yu, B. (2019). Cosmogenic <sup>10</sup>Be exposure dating of glacial erratics on Horseshoe Island in western Antarctic Peninsula confirms rapid deglaciation in the Early Holocene. *Antarctic Science*, 1-13.  
doi:10.1017/S0954102019000439
4. Yıldırım, C\*, Tüysüz, O., and Görüm, T. 2019. The Sinop Peninsula: The Northernmost Part of Asia Minor. *Landscapes and Landforms of Turkey*. Springer. Eds. Kuzucuoglu, C., Çiner, A., Kazancı, N. page 365-277
5. Zebre, M.\*, Sarıkaya, M.A., Stepisnik, U., Yıldırım, C., Çiner, A., 2019. First <sup>36</sup>Cl cosmogenic moraine geochronology of the Dinaric mountain karst: Velez and Crvanj mountains of Bosnia and Herzegovina. *Quaternary Science Reviews*. 208, 54-75
6. Berndt, C\*, Frenzel, P., Çiner, A., Ertunç, G., Yıldırım, C., 2019. Holocene marginal marine ostracod successions from the Kızılırmak River delta; Implications for depositional environments and sea-level changes at the southern Black Sea coast. *Sedimentary Geology*. 382, 103-121.
7. 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.
8. Oliva, M\*, Žebre, M., Guglielmin, M., Hughes, P.D., Çiner, A., Vieira, G., Bodin, X., Andrés, N., olucci, 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, pp. 397-436
9. Ballato, P\*, Parra, M., Schildgen, T.F., Dunkl, I., Yıldırım, C., Özsayın, E., Sobel, E.R., Echtler, H., Strecker, M.R. (2018). Multiple Exhumation Phases in the Central Pontides (N Turkey): New Temporal Constraints on Major Geodynamic Changes Associated With the Closure of the Neo-Tethys Ocean. *Tectonics*, 37 (6), pp. 1831-1857.
10. Yıldırım, C\*, Tüysüz O., (2017). Estimation of the long-term slip, surface uplift and block rotation along the northern strand of the North Anatolian Fault Zone: Inferences from geomorphology of the Almacık Block, *Geomorphology*, Volume 297, 2017, Pages 55-68, ISSN 0169-555X, <https://doi.org/10.1016/j.geomorph.2017.08.038>. **This paper has been evolved from my doctoral dissertation.**
11. 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.
12. Sarıkaya, M.A.\*, Çiner, A., Yıldırım, C. 2017. Cosmogenic <sup>36</sup>Cl 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
13. Melnick, D\*, Yıldırım, C., Hillemann, C., Garcin, Y., Çiner, A., Pérez-Gussinyé, M., Strecker, M.A. 2017. Slip along the Sultanhanı Fault in Central Anatolia from deformed Pleistocene shorelines of palaeo-lake Konya and implications for seismic hazards in

low-strain regions. *Geophysical Journal International*, 209, 3, 1431-1454.  
doi:10.1093/gji/ggx074

14. **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, doi:10.1002/2015TC004038.
15. Çiner A. \*, Sarıkaya, M.A., **Yıldırım, C.**, 2015. Piedmont glaciations in the Eastern Mediterranean; insights from cosmogenic <sup>36</sup>Cl dating of hummocky moraines in southern Turkey, *Quaternary Science Reviews* 116, 44-56  
doi:10.1016/j.quascirev.2015.03.017
16. 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
17. Sarıkaya, M.A. \*, **Yıldırım, C.**, Çiner, A. 2015. Late Quaternary alluvial fans of Emlî Valley in the Ecemiş Fault Zone, south central Turkey: Insights from cosmogenic nuclides. *Geomorphology*, 228, 512-525.  
<http://dx.doi.org/10.1016/j.geomorph.2014.10.008>.
18. Çiner, A. \*, Doğan, U., **Yıldırım, C.**, Akçar, N., Ivy-Ochs, S., Alifimov, V., Kubik, P.W., Schlüchter, C. 2015. Quaternary uplift rates of the Central Anatolian Plateau, Turkey: Insights from cosmogenic isochron-burial nuclide dating of the Kızılırmak River terraces. *Quaternary Science Reviews*, 107, 81-97.  
<http://dx.doi.org/10.1016/j.quascirev.2014.10.007>.
19. Öğretmen, N. \*, Cosentino, D., Gliozzi, E., Cipollari, P., Iadanza, A., **Yıldırım, C.**, 2015. Tsunami hazard in the Eastern Mediterranean: geological evidence from the Anatolian coastal area (Silifke, southern Turkey). *Natural Hazards*. doi 10.1007/s11069-015-1916-2
20. **Yıldırım, C\***. Relative tectonic activity assessment of the Tuz Gölü Fault Zone; Central Anatolia, Turkey, *Tectonophysics*, 630, 183-192. 2014.  
<http://dx.doi.org/10.1016/j.tecto.2014.05.023>
21. Schildgen, T.F. \*, **Yıldırım, C.**, Cosentino, D., Strecker, M.R. Linking slab break-off, Hellenic trench retreat, and uplift of the Central and Eastern Anatolian plateaus. *Earth-Science Reviews*, 128, 147-168. 2014. <http://dx.doi.org/10.1016/j.earscirev.2013.11.006>
22. **Yıldırım, C.\***, Melnick, D., Ballato, P., Schildgen, T.F., Echtler, H., Erginal, A.E., Kiyak, N.G., Strecker, M.R., Differential uplift along the northern margin of the Central Anatolian Plateau: Inferences from marine terraces *Quaternary Science Reviews*, 81, 12-28. 2013. <http://dx.doi.org/10.1016/j.quascirev.2013.09.011>
23. **Yıldırım, C.\***, Schildgen, T.F., Echtler, H., Melnick, D., Bookhagen, B., Çiner, A., Niederman, S., Merchel, S., Martschini, M., Steier, P., Strecker, M.R., Tectonic implications of fluvial incision and pediment deformation at the northern margin of the Central Anatolian Plateau based on multiple cosmogenic nuclides. *Tectonics*, 32, 1-14. 2013. <http://dx.doi.org/10.1002/tect.20066>
24. Schildgen, T.F. \*, Cosentino, D., Caruso, A., Buchwaldt, R., **Yıldırım, C.**, Rojay, B., Bowring, S.A., Echtler, H., Strecker, M.R., Surface expression of Eastern Mediterranean slab dynamics: Neogene topographic and structural evolution of the SW margin of the Central Anatolian Plateau, Turkey. *Tectonics*, 31, TC2005. 2012,  
<http://dx.doi.org/10.1029/2011TC003021>
25. Schildgen, T.F. \*, Cosentino, D., Bookhagen, B., Niedermann, S., **Yıldırım, C.**, Echtler, H.P., Wittmann, H., Strecker, M.R., "Multi-phase uplift of the southern margin of the Central Anatolian plateau: A record of tectonic and upper mantle processes", *Earth and Planetary Science Letters*, 317-318, 85-95. 2012 ,  
<http://dx.doi.org/10.1016/j.epsl.2011.12.003>

- 26. Yıldırım C.\***, T. F. Schildgen, H. Echtler, D. Melnick, and M. R. Strecker, "Late Neogene and active orogenic uplift in the Central Pontides associated with the North Anatolian Fault: Implications for the northern margin of the Central Anatolian Plateau, Turkey", *Tectonics*, 30 (5), TC5005. 2011, <http://dx.doi.org/10.1029/2010TC002756>
- 27.** Kondo, H.\* , V. Özaksoy, and **C. Yıldırım.**, Slip history of the 1944 Bolu-Gerede earthquake rupture along the North Anatolian fault system: Implications for recurrence behavior of multisegment earthquakes. *Journal of Geophysical Research*, 115, (3), B04316. **2010**, <http://dx.doi.org/10.1029/2009JB006413>.
- 28.** Özaksoy, V.\* , Emre, Ö., **Yıldırım, C.**, Doğan, A., Özalp, S., Tokay., Sedimentary record of late Holocene seismicity and uplift of Hersek restraining bend along the North Anatolian Fault in the Gulf of İzmit", *Tectonophysics*, 487 (1-4), 33-45. 2010, <http://dx.doi.org/10.1016/j.tecto.2010.03.006>
- 29.** Dor, O\*., **Yıldırım, C.**, Rockwell, T, K., Ben-Zion, Y., Emre, O., Sisk, M., Duman, T.Y., Geologic and geomorphologic asymmetry across the rupture zones of the 1943 and 1944 earthquakes on the North Anatolian Fault: possible signals for preferred earthquake propagation direction, *Geophysical Journal International*, 173 (2), 483-504. **2008**, <http://dx.doi.org/10.1111/j.1365-246X.2008.03709.x>
- 30.** Kondo, H.\* , Awata, Y., Emre, Ö., Doğan, A., Özalp, S., Tokay, F., **Yıldırım, C.**, Yoshioka, T. and Okumura, K., Slip distribution, fault geometry and fault segmentation of the 1944 Bolu-Gerede Earthquake rupture, North Anatolian Fault, Turkey. *Bulletin of Seismological Society of America*, 95 (4), 1234-1249. **2005**, <http://dx.doi.org/10.1785/0120040194>

## Projects

Year	Project/Position	Grant
2017-2019	Holocene shoreline changes along the coasts of Gökova Gulf: Implications for coseismic and paleoseismic deformations. (Principal Investigator)	TUBITAK (118Y051)
2017-2018	Relative Sea level Change along the Antarctic Peninsula: Implications for Paleoclimate and Geodynamics (Principal Investigator)	ITU Polar Research Fund:10
2014-2017	Determination of recurrence interval and slip-rate of the Knidos Fault by using cosmogenic Chlorine-36 surface exposure dating method (Principal Investigator)	TUBITAK (113Y436)
2013-2016	Quantifying active tectonic deformations by using wave-cut notches and marine terraces along the Northern Cyprus coasts. (Principal Investigator)	ITU Research Fund. 37548.
2013-2017	Anatolian Plateau climate and Tectonic Hazards (ALERT). ITU representative and Principal Investigator of ESR8. ( <a href="http://itn-alert.org/participants/">http://itn-alert.org/participants/</a> )	EU Marie Curie Actions Program "Initial Training Networks (ITN)". Project No:607966
2012-2015	Late Quaternary Glaciations and Paleoclimatic Interpretations of Geyikdağ (Central Taurus Mountains (Geomorphologist)	TUBITAK (111Y139)

2012- 2015	Constrains On The Quaternary Slip Rate Of The Ecemiş Fault By Cosmogenic Chlorine-36 Geochronology (Geomorphologist)	TUBITAK (112Y087)
08.2008- 2012	Vertical Anatolian Movement Project (VAMP) (Post-Doc)	TOPO-EUROPE,
05-2006-07.2008	Geological feasibility investigation of the Sinop Nuclear Research Center (Leader of Quaternary Geology and Geomorphology work package)	Mineral Research and Exploration of Turkey, Turkish Atomic Energy Society
06.2002-04.2006	Paleoseismology of the North Anatolian Fault (Geomorphologist)	Mineral Research and Exploration of Turkey, Japan Active Fault Research Center.
06.2002-04.2006	Active Fault Map of Turkey (Geomorphologist)	Mineral Research and Exploration of Turkey
10.1999-06.2002	Coastal Geomorphology of the southern Marmara Sea between Kursunlu and Mudanya (Principal Investigator)	Istanbul University Research Found.