

## Prof. NURETDİN KAYMAKCI

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: B-3830-2014

ScopusID: 6602784664

Yoksis Researcher ID: 164670

### Education Information

Doctorate, Universiteit Utrecht, Faculty Of Earth Sciences, Earth Sciences, Netherlands 1995 - 2000

Postgraduate, International Institute for Aerospace Survey and Earth Sciences (ITC), Geological Survey, Geological Survey Division, Netherlands 1993 - 1994

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey 1989 - 1991

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey 1986 - 1989

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Tectono-stratigraphical Evolution of the Çankiri Basin (Central Anatolia, Turkey), Universiteit Utrecht, Faculty Of Earth Sciences, 2000

Postgraduate, Neotectonic evolution of the İnegöl (Bursa) basin, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 1991

### Research Areas

Geological Engineering, General Geology, Geology

### Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2012 - Continues

## Courses

Advanced Field Mapping , Postgraduate, 2017 - 2018

## Advising Theses

- KAYMAKCI N., Structural controls of özyurt shear-hosted gold deposit, ;Niğde, central Türkiye, Postgraduate, K.ONAT(Student), 2022
- Kaymakçı N., Evaluation of geothermal potential of turkey using GIS based multi criteria analysis, Postgraduate, Ş.ÖZTÜRK(Student), 2019
- Kaymakçı N., Gülerce Z., Comparative analysis of the international regulations and guidelines related to the seismic hazard assessment for nuclear facilities, Postgraduate, B.GÜNER(Student), 2019
- Kaymakçı N., Structural controls on Kızıldere geothermal field, Denizli-Turkey, Postgraduate, B.AKSU(Student), 2019
- Kaymakçı N., Magnetostratigraphy and kinematic characteristics of Datça Graben (Muğla, SW Turkey), Postgraduate, M.DİLAN(Student), 2019
- KAYMAKCI N., Tectonic development of the Potwar Plateau and the Saltrange (NW Himalayas, Pakistan), Doctorate, A.QAYYUM(Student), 2018
- KAYMAKCI N., Active tectonics and kinematics of Fethiye-Gocek Bay, SW Turkey, Postgraduate, L.TOSUN(Student), 2018
- KAYMAKCI N., Tectonic development of potwar plateau and the saltrange (NW Himalayas, Pakistan), Doctorate, A.Qayyum(Student), 2018
- KAYMAKCI N., Paleobathymetric evolution of the miocene deposits of Gombe and Aksu basins, Antalya, Turkey, Postgraduate, F.SEÇKİN(Student), 2018
- Kaymakçı N., Özacar A. A., Post-late cretaceous rotational evolution of neotethyan sutures around Ankara region, Doctorate, M.ÖZKAPTAN(Student), 2016
- KAYMAKCI N., BOZKURT E., Kinematics of Delice-Kozaklı Fault Zone (North Central Anatolia, Turkey), Postgraduate, B.TOKAY(Student), 2015
- KAYMAKCI N., Tectono-stratigraphic and thermal evolution of the Haymana Basin, Central Anatolia, Turkey, Doctorate, E.GÜLYÜZ(Student), 2015
- GÜLERCE Z., KAYMAKCI N., A Sensitivity study for probabilistic seismic hazard assessment of Sinop nuclear power plant site, Postgraduate, E.Yılar(Student), 2014
- KAYMAKCI N., Tectono-stratigraphic evolution of the continental miocene basins in Southwest Anatolia, Doctorate, A.KOÇ(Student), 2013
- ÖZACAR A. A., KAYMAKCI N., Subsurface structure of the Central Thrace basin from 3D seismic reflection data, Postgraduate, Y.TAİKULAKOV(Student), 2011
- Kaymakçı N., Özacar A. A., 3D modeling of salt related structures in the friesland platform, The Netherlands, Postgraduate, K.YÜCEL(Student), 2010
- Kaymakçı N., Özacar A. A., Modeling Permian petroleum system of Northeast Netherlands: Hydrocarbon generation and migration, Postgraduate, E.MERT(Student), 2010
- Özacar A. A., Kaymakçı N., Earthquake focal mechanism and stress tensor analysis along the central segment of the North Anatolian fault, Postgraduate, E.KARASÖZEN(Student), 2010
- KAYMAKCI N., ÖZACAR A. A., 3D modeling of salt related structures in the friesland platform the Netherlands, Postgraduate, K.Yücel(Student), 2010
- KAYMAKCI N., ÖZACAR A. A., Modeling permian petroleum system of Netherlands: hydrocarbon generation and migration, Postgraduate, E.Mert(Student), 2010
- SÜZEN M. L., KAYMAKCI N., Geological mapping using remote sensing technologies, Postgraduate, İ.AKKÖK(Student), 2009

## Designed Lessons

Kaymakçı N., TECTONICS, Undergraduate, 2017 - 2018

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Block Rotations in NW Iran in Response to the Arabia-Eurasia Collision Constrained by Paleomagnetism**  
Niknam A., van der Boon A., Rezaeian M., KAYMAKCI N., Langereis C.  
Tectonics, vol.43, no.8, 2024 (SCI-Expanded)
- II. **Breaking plates: Creation of the East Anatolian fault, the Anatolian plate, and a tectonic escape system**  
Whitney D. L., Delph J. R., Thomson S. N., Beck S. L., Brocard G. Y., Cosca M. A., Darin M. H., KAYMAKCI N., Meijers M. J. M., Okay A., et al.  
GEOLOGY, vol.51, pp.673-677, 2023 (SCI-Expanded)
- III. **Neogene restoration of geometry of the Neotethyan suture zone in Central Anatolia (Turkey)**  
Ozkaptan M., Gulyuz E., Kaymakci N., Langereis C. G.  
INTERNATIONAL GEOLOGY REVIEW, vol.64, no.21, pp.2985-3004, 2022 (SCI-Expanded)
- IV. **Neogene Kinematics of the Potwar Plateau and the Salt Range, NW Himalayan Front: A Paleostress Inversion and AMS study**  
Qayyum A., Poesse J. W., KAYMAKCI N., Langereis C. G., Gülyüz E., Ahsan N.  
INTERNATIONAL GEOLOGY REVIEW, vol.64, pp.1311-1329, 2022 (SCI-Expanded)
- V. **Deformation in SW Anatolia (Turkey) Documented by Anisotropy of Magnetic Susceptibility Data**  
ÖZKAPTAN M., Gülyüz E., UZEL B., Langereis C. G., ÖZACAR A. A., KAYMAKCI N.  
TECTONICS, vol.40, no.12, 2021 (SCI-Expanded)
- VI. **Active tectonics and kinematics of Fethiye-Göcek Bay, SW Turkey: Insight about the eastern edge of Pliny-Strabo Trenches**  
TOSUN L., AVŞAR U., Avşar Ö., Dondurur D., KAYMAKCI N.  
Journal of Structural Geology, vol.145, 2021 (SCI-Expanded)
- VII. **Paleomagnetism of the Miocene Soma basin and its structural implications on the central sector of a crustal-scale transfer zone in western Anatolia (Turkey)**  
Westerweel J., UZEL B., Langereis C. G., KAYMAKCI N., SÖZBİLİR H.  
JOURNAL OF ASIAN EARTH SCIENCES, vol.193, 2020 (SCI-Expanded)
- VIII. **Miocene geochronology and stratigraphy of western Anatolia: Insights from new Ar/Ar dataset**  
UZEL B., Kuiper K., SÖZBİLİR H., KAYMAKCI N., Langereis C. G., Boehm K.  
LITHOS, vol.352, 2020 (SCI-Expanded)
- IX. **Paleobathymetric evolution of the Miocene deposits of the Gombe sector of the Lycian Foreland and Aksu basins in Antalya, Turkey**  
Sis F. S., Kouwenhoven T., Koç A., KAYMAKCI N.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.29, no.4, pp.649-663, 2020 (SCI-Expanded)
- X. **Kinematic and thermal evolution of the Haymana Basin, a fore-arc to foreland basin in Central Anatolia (Turkey)**  
Gülyüz E., Özkaptan M., Kaymakçı N., Persano C., Stuart F. M.  
Tectonophysics, vol.766, pp.326-339, 2019 (SCI-Expanded)
- XI. **Age and kinematics of the Burdur Basin: Inferences for the existence of the Fethiye Burdur Fault Zone in SW Anatolia (Turkey)**  
ÖZKAPTAN M., KAYMAKCI N., Langereis C. G., Gulyuz E., ÖZACAR A. A., UZEL B., SÖZBİLİR H.  
TECTONOPHYSICS, vol.744, pp.256-274, 2018 (SCI-Expanded)
- XII. **Paleomagnetic evidence for upper plate response to a STEP fault, SW Anatolia**  
KAYMAKCI N., Langereis C., ÖZKAPTAN M., Ozacar A. A., Gülyüz E., UZEL B., SÖZBİLİR H.

- EARTH AND PLANETARY SCIENCE LETTERS, vol.498, pp.101-115, 2018 (SCI-Expanded)
- XIII. **Repeated reactivation of clogged permeable pathways in epithermal gold deposits: Kestanelik epithermal vein system, NW Turkey**  
Gulyuz N., Shipton Z. K., KUŞCU İ., Lord R. A., KAYMAKCI N., Gülyüz E., Gladwell D. R.  
JOURNAL OF THE GEOLOGICAL SOCIETY, vol.175, no.3, pp.509-524, 2018 (SCI-Expanded)
- XIV. **Age and geodynamic evolution of the Black Sea Basin: Tectonic evidences of rifting in Crimea**  
Hippolyte J., Murovskaya A., Volfman Y., Yegorova T., Gintov O., KAYMAKCI N., SANĞU E.  
MARINE AND PETROLEUM GEOLOGY, vol.93, pp.298-314, 2018 (SCI-Expanded)
- XV. **Planar seismic source characterization models developed for probabilistic seismic hazard assessment of Istanbul**  
GÜLERCE Z., Soyman K. B., Guner B., KAYMAKCI N.  
NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol.17, no.12, pp.2365-2381, 2017 (SCI-Expanded)
- XVI. **Miocene tectonic history of the Central Tauride intramontane basins, and the paleogeographic evolution of the Central Anatolian Plateau**  
Koç A., KAYMAKCI N., Van Hinsbergen D. J. J., Kuiper K. F.  
GLOBAL AND PLANETARY CHANGE, vol.158, pp.83-102, 2017 (SCI-Expanded)
- XVII. **Probabilistic Seismic-Hazard Assessment for East Anatolian Fault Zone Using Planar Fault Source Models**  
GÜLERCE Z., SHAH S. T., MENEKŞE A., Ozacar A. A., Kaymakci N., ÇETİN K. Ö.  
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.107, no.5, pp.2353-2366, 2017 (SCI-Expanded)
- XVIII. **Palaeomagnetic and geochronological evidence for a major middle Miocene unconformity in Soke Basin (western Anatolia) and its tectonic implications for the Aegean region**  
UZEL B., SÜMER Ö., ÖZKAPTAN M., ÖZKAYMAK Ç., Kuiper K., SÖZBİLİR H., KAYMAKCI N., İNCİ U., Langereis C. G.  
JOURNAL OF THE GEOLOGICAL SOCIETY, vol.174, no.4, pp.721-740, 2017 (SCI-Expanded)
- XIX. **MAGNETOSTRATIGRAPHY AND PALEOECOLOGY OF THE HOMINID-BEARING LOCALITY, CORAKYERLER, TUĞLU FORMATION (CANKIRI BASIN, CENTRAL ANATOLIA)**  
Kaya F., KAYMAKCI N., Bibi F., Eronen J., PEHLEVAN C., ERKMAN A. C., Langereis C. G., Fortelius M.  
JOURNAL OF VERTEBRATE PALEONTOLOGY, vol.36, no.2, 2016 (SCI-Expanded)
- XX. **Age and paleoenvironmental reconstruction of partially remagnetized lacustrine sedimentary rocks (Oligocene Aktoprak basin, central Anatolia, Turkey)**  
Meijers M. M., Strauss B. E., ÖZKAPTAN M., Feinberg J., Mulch A., Whitney D., KAYMAKCI N.  
GEOCHEMISTRY GEOPHYSICS GEOSYSTEMS, vol.17, no.3, pp.914-939, 2016 (SCI-Expanded)
- XXI. **Late Neogene oroclinal bending in the central Taurides: A record of terminal eastward subduction in southern Turkey?**  
Koç A., van Hinsbergen D. J. J., KAYMAKCI N., Langereis C. G.  
EARTH AND PLANETARY SCIENCE LETTERS, vol.434, pp.75-90, 2016 (SCI-Expanded)
- XXII. **Cross-sectional anatomy and geodynamic evolution of the Central Pontide orogenic belt (northern Turkey)**  
Hippolyte J., Espurt N., KAYMAKCI N., SANĞU E., Mueller C.  
INTERNATIONAL JOURNAL OF EARTH SCIENCES, vol.105, no.1, pp.81-106, 2016 (SCI-Expanded)
- XXIII. **A Miocene onset of the modern extensional regime in the Isparta Angle: constraints from the Yalva double dagger Basin (southwest Turkey)**  
Koc A., KAYMAKCI N., van Hinsbergen D. J. J., Vissers R. L. M.  
INTERNATIONAL JOURNAL OF EARTH SCIENCES, vol.105, no.1, pp.369-398, 2016 (SCI-Expanded)
- XXIV. **Reply to the Comment by Come Lefebvre on the paper: 'Late Cretaceous extension and Palaeogene rotation-related contraction in Central Anatolia recorded in the Ayhan-Buyukkisla basin' by Advokaat et al. 2014**  
Advokaat E. L., van Hinsbergen D. J. J., KAYMAKCI N., Vissers R. L. M., Hendriks B. W. H.  
INTERNATIONAL GEOLOGY REVIEW, vol.57, no.13, pp.1712-1714, 2015 (SCI-Expanded)
- XXV. **Reply to Karaoglu and Erkul's comment on: "Paleomagnetic evidence for an inverse rotation history of Western Anatolia during the exhumation of Menderes core complex"**

- UZEL B., Langereis C. G., KAYMAKCI N., SÖZBİLİR H., ÖZKAYMAK Ç., Ozkaptan M.  
EARTH AND PLANETARY SCIENCE LETTERS, vol.427, pp.312, 2015 (SCI-Expanded)
- XXVI. **New kinematic and geochronologic evidence for the Quaternary evolution of the Central Anatolian fault zone (CAFZ)**  
Higgins M., Schoenbohm L. M., Brocard G., KAYMAKCI N., Gosse J. C., Cosca M. A.  
TECTONICS, vol.34, no.10, pp.2118-2141, 2015 (SCI-Expanded)
- XXVII. **Dynamics of intraoceanic subduction initiation: 2. Suprasubduction zone ophiolite formation and metamorphic sole exhumation in context of absolute plate motions**  
van Hinsbergen D. J. J., Peters K., Maffione M., Spakman W., Guilmette C., Thieulot C., Plumper O., Gurer D., Brouwer F. M., ALDANMAZ E., et al.  
GEOCHEMISTRY GEOPHYSICS GEOSYSTEMS, vol.16, no.6, pp.1771-1785, 2015 (SCI-Expanded)
- XXVIII. **Paleomagnetic evidence for an inverse rotation history of Western Anatolia during the exhumation of Menderes core complex**  
UZEL B., Langereis C. G., KAYMAKCI N., SÖZBİLİR H., ÖZKAYMAK Ç., Ozkaptan M.  
EARTH AND PLANETARY SCIENCE LETTERS, vol.414, pp.108-125, 2015 (SCI-Expanded)
- XXIX. **Late Cretaceous extension and Palaeogene rotation-related contraction in Central Anatolia recorded in the Ayhan-Buyukkisla basin**  
Advokaat E. L., van Hinsbergen D. J. J., KAYMAKCI N., Vissers R. L. M., Hendriks B. W. H.  
INTERNATIONAL GEOLOGY REVIEW, vol.56, no.15, pp.1813-1836, 2014 (SCI-Expanded)
- XXX. **Lithospheric structural control on inversion of the southern margin of the Black Sea Basin, Central Pontides, Turkey**  
Espurt N., Hippolyte J., KAYMAKCI N., SANÇU E.  
LITHOSPHERE, vol.6, no.1, pp.26-34, 2014 (SCI-Expanded)
- XXXI. **Late Eocene evolution of the Cicekdagi Basin (central Turkey): Syn-sedimentary compression during microcontinent-continent collision in central Anatolia**  
Gulyuz E., KAYMAKCI N., Meijers M. J. M., van Hinsbergen D. J. J., Lefebvre C., Vissers R. L. M., Hendriks B. W. H., Peynircioglu A. A.  
TECTONOPHYSICS, vol.602, pp.286-299, 2013 (SCI-Expanded)
- XXXII. **Kinematics of Surgu Fault Zone (Malatya, Turkey): A remote sensing study**  
Koc A., KAYMAKCI N.  
JOURNAL OF GEODYNAMICS, vol.65, pp.292-307, 2013 (SCI-Expanded)
- XXXIII. **Structural evidence for strike-slip deformation in the Izmir-Balikesir transfer zone and consequences for late Cenozoic evolution of western Anatolia (Turkey)**  
UZEL B., SÖZBİLİR H., Ozkaymak C., KAYMAKCI N., Langereis C. G.  
JOURNAL OF GEODYNAMICS, vol.65, pp.94-116, 2013 (SCI-Expanded)
- XXXIV. **Reconstructing the geometry of central Anatolia during the late Cretaceous: Large-scale Cenozoic rotations and deformation between the Pontides and Taurides**  
Lefebvre C., Meijers M. J. M., KAYMAKCI N., Peynircioglu A., Langereis C. G., van Hinsbergen D. J. J.  
EARTH AND PLANETARY SCIENCE LETTERS, vol.366, pp.83-98, 2013 (SCI-Expanded)
- XXXV. **Systematics and dental microwear of the late Miocene Gliridae (Rodentia, Mammalia) from Hayranli, Anatolia: implications for paleoecology and paleobiodiversity**  
Kaya F., KAYMAKCI N.  
PALAEONTOLOGIA ELECTRONICA, vol.16, no.3, 2013 (SCI-Expanded)
- XXXVI. **Evidence for similar to 80-75 Ma subduction jump during Anatolide-Tauride-Armenian block accretion and similar to 48 Ma Arabia-Eurasia collision in Lesser Caucasus-East Anatolia**  
Rolland Y., PERİNÇEK D., KAYMAKCI N., Sosson M., Barrier E., Avagyan A.  
JOURNAL OF GEODYNAMICS, pp.76-85, 2012 (SCI-Expanded)
- XXXVII. **Tectono-Sedimentary evolution and geochronology of the Middle Miocene Altınapa Basin, and implications for the Late Cenozoic uplift history of the Taurides, southern Turkey**  
KOÇ A., KAYMAKCI N., van Hinsbergen D. J. J., Kuiper K. F., Vissers R. L. M.  
TECTONOPHYSICS, vol.532, pp.134-155, 2012 (SCI-Expanded)

- XXXVIII. **Reply to Genc and Yurur's comments on: "Late Cretaceous extensional denudation along a marble detachment fault zone in the Kirsehir massif near Kaman, Central Turkey"**  
Lefebvre C., Barnhoorn A., van Hinsbergen D. J. J., KAYMAKCI N., Vissers R. L. M.  
JOURNAL OF STRUCTURAL GEOLOGY, vol.36, pp.90-93, 2012 (SCI-Expanded)
- XXXIX. **Detection and object-based classification of offshore oil slicks using ENVISAT-ASAR images**  
AKAR S., Suezan M. L., KAYMAKCI N.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.183, pp.409-423, 2011 (SCI-Expanded)
- XL. **Late Cretaceous extensional denudation along a marble detachment fault zone in the Kirsehir massif near Kaman, central Turkey**  
Lefebvre C., Barnhoorn A., van Hinsbergen D. J. J., KAYMAKCI N., Vissers R. L. M.  
JOURNAL OF STRUCTURAL GEOLOGY, vol.33, no.8, pp.1220-1236, 2011 (SCI-Expanded)
- XL1. **U Pb and <sup>40</sup>Ar <sup>39</sup>Ar Geochronology and Isotopic Constraints on the Genesis of Copper Gold Bearing Iron Oxide Deposits in the Hasancelebi District Eastern Turkey**  
Kuşcu İ., Yilmazer E., Güleç N. T., Bayir S., Demirela G., Kuşcu G., Kuru G. S., Kaymakçı N.  
Economic Geology, vol.106, pp.261-288, 2011 (SCI-Expanded)
- XLII. **Pervasive Palaeogene remagnetization of the central Taurides fold-and-thrust belt (southern Turkey) and implications for rotations in the Isparta Angle**  
Meijers M. J. M., van Hinsbergen D. J. J., Dekkers M. J., Altner D., KAYMAKCI N., Langereis C. G.  
GEOPHYSICAL JOURNAL INTERNATIONAL, vol.184, no.3, pp.1090-1112, 2011 (SCI-Expanded)
- XLIII. **U-Pb and Ar-<sup>40</sup>Ar-<sup>39</sup>Ar Geochronology and Isotopic Constraints on the Genesis of Copper-Gold-Bearing Iron Oxide Deposits in the Hasancelebi District, Eastern Turkey**  
KUŞCU İ., Yilmazer E., Gulec N., Bayir S., Demirela G., Kuscu G. G., Kuru G. S., KAYMAKCI N.  
ECONOMIC GEOLOGY, vol.106, no.2, pp.261-288, 2011 (SCI-Expanded)
- XLIV. **Jurassic arc volcanism on Crimea (Ukraine): Implications for the paleo-subduction zone configuration of the Black Sea region**  
Meijers M. J. M., Vrouwe B., van Hinsbergen D. J. J., Kuiper K. F., Wijbrans J., Davies G. R., Stephenson R. A., KAYMAKCI N., Matenco L., Saintot A.  
LITHOS, vol.119, pp.412-426, 2010 (SCI-Expanded)
- XLV. **Reconciling the geological history of western Turkey with plate circuits and mantle tomography**  
van Hinsbergen D. J. J., KAYMAKCI N., Spakman W., Torsvik T. H.  
EARTH AND PLANETARY SCIENCE LETTERS, vol.297, pp.674-686, 2010 (SCI-Expanded)
- XLVI. **Late Cretaceous to Paleocene oroclinal bending in the central Pontides (Turkey)**  
Meijers M. J. M., KAYMAKCI N., van Hinsbergen D. J. J., Langereis C. G., Stephenson R. A., Hippolyte J.  
TECTONICS, vol.29, 2010 (SCI-Expanded)
- XLVII. **Jurassic-Cretaceous low paleolatitudes from the circum-Black Sea region (Crimea and Pontides) due to True Polar Wander**  
Meijers M. J. M., Langereis C. G., van Hinsbergen D. J. J., KAYMAKCI N., Stephenson R. A., ALTINER D.  
EARTH AND PLANETARY SCIENCE LETTERS, vol.296, pp.210-226, 2010 (SCI-Expanded)
- XLVIII. **Surface and Subsurface Characteristics of the Cankiri Basin (Central Anatolia, Turkey): Integration of Remote Sensing, Seismic Interpretation and Gravity**  
KAYMAKCI N., Özmutlu Ş., Van Dijk P. M., Özçelik Y.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.19, no.1, pp.79-100, 2010 (SCI-Expanded)
- XLIX. **Late Miocene transcurrent tectonics in NW Turkey: evidence from palaeomagnetism and (<sup>40</sup>Ar-<sup>39</sup>Ar) dating of alkaline volcanic rocks**  
Kaymakci N., Aldanmaz E., Langereis C., Spell T. L., Gurer O. F., Zanetti K. A.  
GEOLOGICAL MAGAZINE, vol.144, no.2, pp.379-392, 2007 (SCI-Expanded)
- L. **Kinematic development and paleostress analysis of the Denizli Basin (Western Turkey): implications of spatial variation of relative paleostress magnitudes and orientations**  
KAYMAKCI N.  
JOURNAL OF ASIAN EARTH SCIENCES, vol.27, no.2, pp.207-222, 2006 (SCI-Expanded)
- LI. **Geochemical constraints on the Cenozoic, OIB-type alkaline volcanic rocks of NW Turkey:**

### **Implications for mantle sources and melting processes**

ALDANMAZ E., KÖPRÜBAŞI N., GÜRER Ö. F., KAYMAKCI N., Gourgaud A.

LITHOS, vol.86, pp.50-76, 2006 (SCI-Expanded)

- LII. **3D-architecture and Neogene evolution of the Malatya Basin: Inferences for the kinematics of the Malatya and Ovacik fault zones**  
Kaymakci N., Inceoz M., Ertepinar P.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.15, no.2, pp.123-154, 2006 (SCI-Expanded)
- LIII. **3D Architecture and Neogene Evolution of the Malatya Basin Inferences for the Kinematics of the Malatya and Ovacik Fault Zones**  
İNCEÖZ M., Pınar E., KAYMAKCI N.  
Turkish Journal Of Earth Sciences, vol.15, pp.123-154, 2006 (SCI-Expanded)
- LIV. **Constraints on the composition and thermal structure of the upper mantle beneath NW Turkey: Evidence from mantle xenoliths and alkali primary melts**  
ALDANMAZ E., Gourgaud A., KAYMAKCI N.  
JOURNAL OF GEODYNAMICS, vol.39, no.3, pp.277-316, 2005 (SCI-Expanded)
- LV. **Comprehensive Strip Based Lineament Detection Method (COSBALID) from point-like features: a GIS approach**  
Arcasoy A., Toprak V., KAYMAKCI N.  
COMPUTERS & GEOSCIENCES, vol.30, no.1, pp.45-57, 2004 (SCI-Expanded)
- LVI. **Neotectonics of the southeast Marmara region NW Anatolia Turkey**  
GÜRER Ö. F., ÇAKIR Ş., ÖZBURAN M., KAYMAKCI N.  
Journal Of Asian Earth Sciences, vol.21, pp.1041-1051, 2003 (SCI-Expanded)
- LVII. **Palaeomagnetic evolution of the Cankiri Basin (central Anatolia, Turkey): implications for oroclinal bending due to indentation**  
KAYMAKCI N., Duermeijer C., Langereis C., White S., van Dijk P.  
GEOLOGICAL MAGAZINE, vol.140, no.3, pp.343-355, 2003 (SCI-Expanded)
- LVIII. **Comment on 'Rockfall avalanche deposits associated with normal faulting in the NW of the Cankiri basin: implications for the post-collisional tectonic evolution of the Neo-Tethyan suture zone' by G. Seyitoglu, N. Kazanci, L. Karadenizli, S. Sen, B. Varol, and T. Karabiyikoglu**  
KAYMAKCI N.  
TERRA NOVA, vol.15, no.2, pp.133-136, 2003 (SCI-Expanded)
- LIX. **Kinematic and structural development of the Çankiri Basin Central Anatolia Turkey a paleostress inversion study**  
KAYMAKCI N., Stanley H W., Paul M V.  
Tectonophysics, vol.364, pp.85-113, 2003 (SCI-Expanded)
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**(SW TURKEY)**

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GÜLYÜZ E., ÖZKAPTAN M., Langereis C., KAYMAKCI N.  
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- XLVIII. **Gold grade distribution within an epithermal quartz vein system, Kestanelik, NW Turkey: implications for gold exploration**  
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- Gülyüz E., Kaymakcı N., Project Supported by Higher Education Institutions, Torid Bloğu Metamorfik Kayalarının Düşük Sıcaklık Yükselimi (<200°C) Termodinamik Çalışma ile Kıtasal Çarpışma ve Eksüstasyon Olaylarının İncelenmesi Orta Anadolu Türkiye, 2017 - 2021
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- Rojay F. B., Kaymakcı N., Özacar A. A., Whitney D., National Research Fund Supported Project, Collaborative Research Continental Dynamics Central Anatolian Tectonics CD CAT Surface to Mantle dynamics during collision to escape NSF 1109826 11099336 1109762 1109699 1109703, 2011 - 2019
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## Activities in Scientific Journals

- Journal of Asian Earth Sciences-x, Committee Member, 2020 - Continues
- Turkish Journal of Earth Sciences, Committee Member, 2019 - Continues

## Memberships / Tasks in Scientific Organizations

- AFAD National earthquake Research Program Steering Committee , Board Member, 2016 - 2022, Turkey
- Deprem Danışma Kurulu (DDK), Board Member, 2016 - 2019, Turkey
- Environment Earth Marine and Atmosphere Research Group , Consultant, 2014 - 2019, Turkey

## Scientific Refereeing

- TÜBİTAK International Bilateral Joint Cooperation Program Project, Russian Foundation for Basic Research, RFBR Bilateral Cooperation Program, Middle East Technical University, Turkey, December 2020
- GEODINAMICA ACTA, Journal Indexed in SCI-E, November 2019
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## **Non Academic Experience**

Utrecht Universitesi