

AFFILIATION AND OFFICIAL ADDRESS

Istanbul Technical University (ITU)
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Place of Birth: Tomarza, Turkey

Nationality: Turkish



Prof.Dr. Tuncay Taymaz
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Place of Birth: Tomarza, Turkey

Nationality: Turkish



EDUCATION (DEGREES, DATES, UNIVERSITIES)

B.Sc. (1st Class Honours) – June 1985

Department of Geophysical Engineering, Karadeniz Technical University, Trabzon, Turkey

Ph.D. April 1987 – October 1990 – Darwin College, University of Cambridge, England, U.K.

Thesis Title: Earthquake Source Parametres in the Eastern Mediterranean Region (October 1990)

Bullard Laboratories, Department of Earth Sciences, University of Cambridge, England, U.K.

➤ **As of November 2015 → Web-Of-Science – Science Citation Index → Citations 1505, h-index:18**

➤ **Google Scholar → Citations 2265; h-index: 23; i10-index:36**

SPECIALIZATION

• **MAIN FIELD:**

| Seismology – Geophysics | Earthquake Seismology | Computational Seismology | Global Seismology |
| Earthquake Source Studies | Seismotectonics | Geodynamics |

• **OTHER FIELDS:**

| Tectonophysics | Earthquake Triggered Tsunami Generation | Reflection Seismology |

• **CURRENT RESEARCH INTEREST**

| Active Tectonics, Seismotectonics and Geodynamics of the Eastern Mediterranean Region |
| Active Seismogenic Zones and Tsunami Generation in the Mega-Thrust Subduction Zones |

HONOURS, AWARDS AND FELLOWSHIPS

The most important ones listed below and further details can be found under following link:

URL: <http://web.itu.edu.tr/~taymaz>

- 1985** B.Sc. (1st Class Honours) June 1985, Karadeniz Technical University, Trabzon-Turkey
- 1986 – 1990** **Ph.D. Studentship – Ministry of National Education of Turkey (August 1986-October 1990)**
(1416 section of Constitutional Law on Turkish National Governmental Grants)
Ph.D. at Bullard Labs., Department of Earth Sciences, University of Cambridge, England, U.K
- 1998** Darwin College, University of Cambridge, U.K, Research-Travel Grant
- 1988 – 1989** Cambridge Philosophical Society (Cantab) Travel Grant, University of Cambridge, U.K
- 1988** Sun Oil – U.K., Research Travel Grant
- 1989** Mobil – U.K., Research Travel Grant
- 1989** European Union of Geosciences Conference, EUG-V-Young Scientists Grant
- 1989** IASPEI-General Assembly Travel Grant
- 1989 – 1990** University of Cambridge, U.K – Financial Board Philip Lake Research Fund I – II
- 1990** March – September 1990: **Cambridge Philosophical Society (Cantab) Research Studentship**
- 1994** **European Scientific Exchange Programme (ESEP) Research Award | July – August 1984 |**
Funded by The Royal Society of U.K, University of Cambridge, U.K., and TÜBİTAK, Turkey
- 1994** *Visiting Scientist*, University of Cambridge, U.K. (18 July – 31 August 1994)
- 1994** **Outstanding Young Scientist Award of National Scientific and Technological Research Council of Turkey (TÜBİTAK) [TÜBİTAK – BİLİM TEŞVİK ÖDÜLÜ]**
- 1995 – 1997** **Principal Investigator of The British Council Academic Link Programme**
Project Title: Seismological Receiver Function Investigations in Western Turkey
Istanbul Technical University, Turkey (Prof.Dr. Tuncay Taymaz)
University of Cambridge, U.K (Prof.Dr. Keith Priestley)
- 1995** *Visiting Scientist*, University of Cambridge, U.K. (1– 31 August 1995)
The British Council Academic Link Programme
- 1996** *Visiting Scientist*, University of Cambridge, U.K. (1– 31 August 1996)
The British Council Academic Link Programme
- 1997** *Visiting Scientist*, Leeds University, U.K. (10– 31 July 1997)
Visiting Scientist, University of Cambridge, U.K. (1– 30 September 1997)
- 1996 – 1997** **Ocean Drilling Programme-ODP: LEG171A–Physical Properties Specialist | Research Award**
Funded by USA-NSF-Texas A&M University, European Science Foundation and TÜBİTAK
Project Title: Barbados Accretionary Prism Logging While Drilling Experiment on Caribbean and North American Plates Boundary, 15 December 1996 – 15 January 1997.
- 1998-1999** **Alexander von Humboldt Foundation Research Fellowship Award (August 1998 – 1999)**
Albert Einstein Science Park, GeoForschungsZentrum (GFZ), Potsdam-Germany
- 1999** **The Outstanding Young Persons Award of Junior Chamber International (TOYP-JCI)**
Progress on Science and Technology, Junior Chamber International, İstanbul, Turkey
- 2001 – 2004** **Outstanding Young Scientist Award and Research Prize of Turkish Academy of Sciences |TÜBA – GEBİP| September 2001-2004 |**

- 2001** SEISMARMARA 2001: Multidisciplinary Geophysical Investigations in the Sea of Marmara
CO-PI: Leading Scientists of International Projects formed after August 17, 1999 Mw=7.4
Gölcük and Mw=7.2 Düzce Earthquakes (NW Turkey).
- NATO-ITU-University of Tokyo (Prof.Dr. Junzo Kasahara) MARMARA-OBS Project (2000)
 - CNRS- IPG-Paris (France), TÜBİTAK-ITU (Turkey) and University of Hokkaido (Japan)
- 2002** **Research Professorship (June-September 2002)**
Institute of Seismology and Volcanology (ISV), University of Hokkaido, Sapporo, Japan
Ocean-Bottom Seismology Survey conducted in the Sea of Marmara: SEISMARMARA-2001
- 2003** **Research Professorship, IPG-Paris, France (August – October 2003)**
Experimental Seismology, Institut de Physique du Globe de Paris, France
- Ocean-Bottom Seismology Survey conducted in the Sea of Marmara: SEISMARMARA-2001
(Funded by CNRS - EGIDE-PIA-TÜBİTAK-Bosphorus Programme: France – Turkey Link)
- 2004** **Research Professorship, IPG-Paris and Villefranche-Nice, France (August 2004)**
- Experimental Seismology, Institut de Physique du Globe de Paris (IPGP), France
 - L'Observatoire Océanologique de Villefranche-sur-Mer: Observatoire Océanologique, France
(Funded by CNRS- EGIDE-PIA-TÜBİTAK-Bosphorus Programme: France-Turkey Link)
(Ocean-Bottom Seismology Survey conducted in the Sea of Marmara: SEISMARMARA-2001)
- 2004** Geological Society of America, International Division, GSA Meeting Travel Grant – Nov. 2004.
- 2005** *Visiting Scientist*, Bulgarian Academy of Sciences, Sofia, Bulgaria – September 2005.
- 2006** **Alexander von Humboldt Foundation – Renewed Research Award – Visiting Professor**
| 1 July 2006 – 1 October 2006 |
- *Research Professorship at GFZ-Potsdam-Germany (July – August 2006)*
Albert Einstein Science Park, GeoForschungsZentrum (GFZ), Potsdam-Germany
 - *Research Professorship at Ruhr Universitaet, Bochum-Germany (August – October 2006)*
Broad-Band Seismology survey conducted during **EGELADOS** Experiment in the Aegean Sea:
(Greece – Turkey) **funded by German Research Foundation (DfG): October 2005-June 2008**
The Project details of EGELADOS Experiment (2005-2008) can be found at following link:
URL: <http://www.geophysik.ruhr-uni-bochum.de/research/egelados>
- 2009** *Visiting Scientist*, Laboratoire de Sismologie Experimentale, Department de Sismologie,
Jussieu, IPG-Paris, France – October 2009
- 2012** *Visiting Scientist*, Doctoral Program in Earth Evolution Sciences, College of Geosciences,
School of Life and Environmental Sciences University of Tsukuba, Japan – November 2012.
- 2013-2014** **Alexander von Humboldt Foundation – Renewed Research Award – Visiting Professor**
| 1 June 2014 – 1 September 2014 | hosted by Prof.Dr. Mark R. Handy
- Freie Universitaet Berlin, Institut für Geologische Wissenschaften, Berlin-Germany

MEMBERSHIP – PROFESSIONAL ASSOCIATIONS | SOCIETIES

- *Lifetime Member of Cambridge Philosophical Society (Cantab), U.K*
 - *Affiliated Member of Incorporated Research Institutions on Seismology (IRIS) Consortium, U.S.A*
 - *American Geophysical Union (AGU), U.S.A*
-

PROFESSIONAL CAREER | EMPLOYMENT (*EMPLOYERS, POSITIONS AND DATES*)

- 2003 – 2005** Rector's Advisor, Kadir Has University, Cibali, İstanbul-Turkey (March 2003–August 2005)
- 2002 – 2013** Editorial / Scientific Board Member of Atlas Geography and Discovery Magazine, İstanbul
- 2000 – 2002** Sedat Simavi Foundation Selection Committee Member--Science and Technology Awards
- 1999 – 2013** **ARI** – Editorial Board Member of *Turkish Journal of Earth Sciences* (TÜBİTAK)–SCI Journal
- 1999 –** *Professor*, İstanbul Technical University (27 December 1999 – present).
- 1999 – 2013** Head of Earthquake Seismology Section, Department of Geophysical Engineering, The Faculty of Mines, İstanbul Technical University (İTÜ), Turkey
- 1996 – 1998** *Vice Chairman*, (September 1996 – August 1998)
Graduate School of İstanbul Technical University, Institute of Science and Technology
- 1996 – 2002** Bulletin of the İstanbul Technical University (Springer-Verlag), Editorial Board Member
- 1994 – 1999** *Associate Professor*, İstanbul Technical University (28 January 1994 – 27 December 1999)
- 1992 – 1994** *Assistant Professor*, İstanbul Technical University (15 January 1992 – 28 January 1994)
- 1992 – 1993** Military Service (March 1992 – April 1993)
Sub.Lt., Protocol Officer-Translator-Interpreter under General Secretaries of
"Turkish Combined War Colleges" and "Turkish Chief of General Staff", Maslak–İstanbul
- 1990 – 1991** *Post–Doctoral Research*, (October 1990 – August 1991)
Bullard Laboratories, Department of Earth Sciences, University of Cambridge, UK
- 1986 – 1990** *Ph.D. Studentship* – Ministry of National Education, Turkey (August 1986–October 1990)
Ph.D. Research at University of Cambridge, Department of Earth Sciences, England, U.K

TEACHING EXPERIENCE – THOUGHT COURSES

- 1989 – 1990** Research Assistant/Demonstrator
Department of Earth Sciences, University of Cambridge, U.K.
Natural Sciences Tripos, Part I-II on Geology and Geophysics Courses
- 1988** Annual Cambridge Field-Trip Expedition (December 1988)
Field Geology and Seismotectonics Studies on Active Faulting, in the Gulf of Corinth (Greece)

UNDERGRADUATE LEVEL – İstanbul Technical University, Department of Geophysical Engineering

- JEF-101E | Introduction to Computer and Information Systems (2001 – 2002)
- JEF-111E | Introduction to Geophysical Engineering (2010 – 2011)
- JEF-210E | Science Today (1993 – 1997)
- JEF-310E | Geodynamics (1994 – 2014)
- JEF-410E | History of Geophysics (1993 – 1997)
- JEF-417E | Seismotectonics (1993 – 2014)
- JEF-428E | Readings in Geophysics (1993 – present)

GRADUATE LEVEL – İstanbul Technical University, Department of Geophysical Engineering

- JFM-513E | Earthquakes and Geodynamics (1999 – present)
- JFM-602E | Seismotectonics of the Planet Earth (1997 – present)

| 2015 |

- Springer Publications – Book Series Editorship – Series Editor (2012 – present)
New Series – Advances in Geological Science (*see attached PDF Flyer*)
Series Editors: Junzo Kasahara, Shigenori Matuyama, **Tuncay Taymaz**, Michael Zhdanov
- Bulletin of the Mineral Research and Exploration (MTA) of Turkey, *Editorial Board Member*
- Central European Journal of Geosciences, *Editorial Board Member*
- Journal of Geological Resources and Engineering, *Editorial Board Member*
- International Scholarly Research Network (ISRN), Geophysics, *Editorial Board Member*

REFEREEING FOR FOLLOWING SCIENCE CITATION INDEX (SCI) JOURNALS

- ADALYA
- Computers and Geosciences
- Earth and Planetary Science Letters (EPSL)
- Earth Planet and Space – Japan
- Geophysical Journal International – Oxford
- Geophysical Research Letters – AGU
- Geological Society of America (GSA)
- Geological Society of London – Special Publications
- International Journal of Earth Sciences (formerly Geologische Rundschau)
- International Journal of Physical Sciences (IJPS)
- Journal of Geophysical Research - Solid Earth – AGU
- Journal of Geodynamics
- Journal of Seismology
- Journal of Remote Sensing
- Journal of Asian Earth Sciences
- Marine Geology
- Bulletin of the General Directorate of Mineral Research and Exploration of Turkey (MTA)
- Natural Hazards
- Physics of the Earth and Planetary Interiors (PEPI)
- Pure and Applied Geophysics (PAAG)
- Surveys in Geophysics
- Tectonics
- Tectonophysics
- Turkish Journal of Earth Sciences – TÜBİTAK
The Scientific and Technological Research Council of Turkey

NATIONAL AND INTERNATIONAL PROJECTS CONDUCTED

- 1995 – 1998** *Principal Investigator of The British Council Academic Link Programme, Seismological Investigations in Turkey (March 1995–March 1998), Crustal Structure of Western Turkey, ITU-Geophysics, University of Cambridge, U.K, The British Council Academic Link Project.*
- 1996** Source Mechanisms Parameters of 13 – 15 March 1992 Erzincan–Pülümür (Eastern Anatolia) Earthquakes and Tectonic Settings, İstanbul Technical University, Research Fund Project No: 498, May 1996.
- 1996** Active Tectonics of the Aegean Sea and Surrounding Regions: An Investigation of the Moho Topography Beneath the Marmara Region from the Azimuthal Anomalies. The Scientific and Technological Research Council of Turkey (TÜBİTAK): National Marine Geology and Geophysics Programme Project No: YDABÇAG–235/G, May 1996.
- 1996** Active Tectonics of the Eastern Anatolia: Source Parameters of Destructive Earthquakes and Tectonic Settings. The Scientific and Technological Research Council of Turkey (TÜBİTAK): Earth Sciences Research Programme Project No: YBAG–100, November 1996.
- 1996** Seismotectonics of the Aegean Region: Seismological Investigations Towards Crustal Structure, Ministry of Foreign Affairs of Turkey, Project No: 10, December 1996.
- 1997** Active Tectonics of the Aegean Sea and Surrounding Regions: Source Parameters of Destructive Earthquakes and Tectonic Settings. The Scientific and Technological Research Council of Turkey (TÜBİTAK): National Marine Geology and Geophysics Programme Project No: YDABÇAG–438/G, April 1997.
- 1997** Investigations on the Seismotectonic Characteristics of the Bartın Continental Shelf. The Scientific and Technological Research Council of Turkey (TÜBİTAK): National Marine Geology and Geophysics Programme, Project No: YDABÇAG–603/G, December 1997.
- 2000 – 2001** Seismotectonics of the Sea of Marmara and Surrounding Regions: Earthquake Fault Mechanisms and Seismological Properties of 17 August 1999 Gölcük (Mw 7.4), 13 September 1999 and 11 November 1999 Sapanca and 12 November 1999 Düzce (Mw 7.1) Earthquakes, The Scientific and Technological Research Council of Turkey (TÜBİTAK): National Marine Geology and Geophysics Programme Project No: YDABÇAG–100Y082.
- 2000 – 2002** Investigations of Microearthquake Activity within the Sea of Marmara and Surrounding Regions by using Ocean Bottom Seismometers (OBS) and Broad-Band Land Seismographs, The Scientific and Technological Research Council of Turkey (TÜBİTAK): National Marine Geology and Geophysics Programme Project No: YDABAG–101Y069.
- 2004 – 2006** MarmQuakeOBS: Marmara Earthquakes OBS Repeated Observatory, Ocean Bottom Seismology (OBS) Survey Conducted in the Sea of Marmara, Funded by CNRS – EGIDE– PIA French Foreign Ministry and TÜBİTAK (YDABAG – 193Y184): BOSPHORUS PROGRAMME

- 2003 – 2008** Source Mechanism Parameters and Slip Distributions of Crete–Cyprus Arcs, Dead Sea Transform Fault Earthquakes and Historical Tsunami Simulations, *Ph.D. Thesis by Seda Yolsal*, 523 pages (in Turkish), *ITU–Research Fund Project*, Graduate School of Science and Technology, Istanbul Technical University (İTÜ-FBE-BAP), 25 September 2008.
- 2005 – 2007** Earthquakes and Tsunamis in the Mediterranean Region: An Evaluation of Tsunami Hazard, Risk and Vulnerability in Countries Bordering the Aegean Sea, Black Sea and Eastern Mediterranean (*Funded by the British Council (BC) Science Partnership Programme*).
- 2006 – 2008** International COLUMBOS Experiment funded by German Research Foundation (DfG)
- 2006 – 2008** International EGELADOS Experiment funded by German Research Foundation (DfG)
Working Group Member and CO-PI of *EGELADOS Project: Exploring the Geodynamics of Subducting Lithosphere Using an Amphibian Deployment of Seismographs*
➤ The Project details of EGELADOS Experiment (2005-2008) can be found at following link:
URL: <http://www.geophysik.ruhr-uni-bochum.de/research/egelados>
- 2005 – 2008** IRIS-PASCAL Experiment funded by USA Science Foundation (USA-NSF)
➤ Continental Lithospheric Deformation Along A Major Strike-Slip Fault Zone:
The Central North Anatolian Fault Zone, Turkey *funded by US-NSF, IRIS-PASCAL Project*
(for details see <http://www.geo.arizona.edu/NAF>)
- 2007 – 2009** The Geological and Paleoceanographical Evolution of Bosphorus–Black Sea Confluence, The Scientific and Technological Research Council of Turkey (TÜBİTAK), TÜBİTAK-CNRS-FRANCE, PIA-BOSPHOROUS PROJECT NO: 105Y156, *Project Final Report* accepted in August 2009, conducted by Algan, O. and **Taymaz, T.**
- 2008 – 2011** Investigation of Crustal Structure of Turkey from Aeromagnetic, Gravity, Deep Seismic Reflection and Seismological Data, The Scientific and Technological Research Council of Turkey (TÜBİTAK), ÇAYDAG–1001 Project No: 107Y288, August 2011, conducted by Ateş., A., **Taymaz, T.**, Büyüksaraç, A., Bilim, F., Aydemir, A., Yolsal, S., Bektaş, Ö., Çubuk, Y.
- 2014 – 2018** HORIZON-2020-EU-JRC-COST: Earth System Science and Environmental Management EU-COST Action ES1401, Time Dependent Seismology (TIDES)
(*Prof. Dr. Tuncay Taymaz: Management Committee (MC) Member for Turkey*).
-

Prof.Dr. Tuncay Taymaz
<http://web.itu.edu.tr/~taymaz>

**İstanbul Technical University (İTÜ), The Faculty of Mines
Department of Geophysical Engineering, Seismology Section
Maslak TR-34469, İstanbul-Turkey**

SCIENTIFIC ACTIVITIES

★ indicates Acknowledgement of **Alexander von Humboldt-Foundation Support**

I. BOOKS – SPECIAL PUBLICATION VOLUMES – SYMPOSIUM PROCEEDINGS

| 2009 |

★**Tuncay Taymaz** (2009). *Editor and Chairman: International Symposium On Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10 Marmara Earthquake (NW Turkey), **Proceedings Book of Extended Abstracts**, 440 pages, September 10–12, 2009, The Faculty of Architecture, Istanbul Technical University, Taşkışla 102-109-127, Taksim 34437, Istanbul – Turkey (<http://www.1509.itu.edu.tr>).*

| 2008 |

Tuncay Taymaz (2008). *Guest Editor and Scientific Adviser: DEPREMLER (EARTHQUAKES by Bruce A. Bolt), National Scientific and Technological Research Council of Turkey (TÜBİTAK) – **Popular Science Books Series: Academic Series for Adults on Earth Sciences**, 485 pages, March 2008, Ankara –Turkey (in Turkish), ISBN 978-975-403-442-4, ISBN 978-975-403-443-1.*

| 2007 |

★**Tuncay Taymaz**, Yücel Yılmaz and Yıldırım Dilek (2007). *Guest Editors: The Geodynamics of the Aegean and Anatolia, Special Publication Book, **The Geological Society of London**, 320 pages, ISBN: 978-1-86239-239-7, London, England–UK.*

Furlong, K.K, Beroza, G.C., Brun, J.P., Cowie, P.A., Handy, M.R., Mooney, W.D., **Taymaz, T.**, Teyssier, C., Vauchez, A. & Wernicke, B. (2007). Nucleation and Growth of Fault Systems, **In: Tectonic Faults–Agents of Change on a Dynamic Earth** (eds. M. R. Handy, Greg Hirth & Niels Hovius), pp. 78-98, Dahlem Konferenzen Series–Freie Universität Berlin, Germany, ISBN: 978-0-262-08362-1, 460 pages, The Massachusetts Institute of Technology (MIT) Press–Book Series, Cambridge, Massachusetts, USA, May 2007.

| 2006 |

Tuncay Taymaz (2006) *Editor and Scientific Adviser: The Seismicity of Turkey and Adjacent Areas* by N.N.Ambraseys & C.F. Finkel: 1995, Eren Publications, Istanbul-Turkey, National Scientific and Technological Research Council of Turkey (TÜBİTAK)–**Popular Science Books Series: Academic Series for Adults on Earth Sciences**, 252 pages ISBN: 975-403-358-7, printed by Sistem Offset, Ankara, Turkey, February 2006 (in Turkish).

| 2005 |

★**Tuncay Taymaz** (2005). *Editor: International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstract Book 288 pages, June 15-18, 2005, Kadir Has University, Cibâli Campus, İstanbul, Turkey.

Tuncay Taymaz and Oya Algan (2005). *Editors: 1st Plenary Meeting and Field Trip of Project IGCP-521: Black Sea-Mediterranean Corridor During the Last 30 KY: Sea Level Change and Human Adaptation (2005-2009), UNESCO-IGCP-IUGC The International Geoscience Programme*, Abstract Book 225 pages, Kadir Has University, October 8-15, 2005, Istanbul, Turkey.

| 2004 |

Tuncay Taymaz, Rob Westaway and Robert Reilinger (2004). *Guest Editors: Active Faulting and Crustal Deformation in the Eastern Mediterranean Region*, Special Issue of TECTONOPHYSICS, Vol: 391, Issues 1-4, 375 pages, October 29, 2004, Elsevier Publications, Amsterdam, The Netherlands (*Special Issue Guest Editorship*).

| 2002 |

Tuncay Taymaz (2002). *Editor: Biographical Memoirs of Prof.Dr. Kâzım Ergin*, İstanbul Technical University Press, 56 pages, April 2002, İstanbul, Turkey.

Tuncay Taymaz (2002). *Editor: 1st International Symposium of Istanbul Technical University the Faculty of Mines on Earth Sciences and Engineering*, **Scientific Activities 2002**, Istanbul Technical University, Faculty of Mines, ATLAS DBR-Offset, 250 pages, May 16-18, 2002, Istanbul, Turkey.

| 2001 |

Tuncay Taymaz (2001). *Editor: Symposia On Seismotectonics of the North-Western Anatolia-Aegean and Recent Turkish Earthquakes*, **Scientific Activities 2001**, Istanbul Technical University, Faculty of Mines, May 8, 2001, ATLAS DBR-Offset Printers, Istanbul, Turkey, 113 pages, ISBN 975-97518-0-1.

| 2000 | INTERNATIONAL OCEAN DRILLING PROGRAMME (ODP) SCIENTIFIC RESULTS VOLUME

Moore, C.J., Klaus, A., Bangs, N.L., Bekins, B., B  cker, C., Br  ckman, W., Erickson, S., Hansen, O., Horton, T., Ireland, P., Major, C.O., Moore, G.F., Peacock, S., Saito, S., Screatton, E.J., Schimeld, J.W., Stauffer, P.H., **Taymaz, T.**, Teas, P.A., Tokunaga, T., (2000). Logging While Drilling (LWD) on Northern Barbados Accretionary Prism. *Proceedings of Ocean Drilling Programme: Leg-171A: Scientific Results Book*, College Station, Texas, LEG-171A, 150 pp.

| 1999 |

Taymaz, Tuncay (1999). Author and Editor: *COGITO-Earthquake Special Publication*. Yapı Kredi Publications, Vol: 20, 375 pages, Istanbul-Turkey, 1999.

| 1998 | INTERNATIONAL OCEAN DRILLING PROGRAMME (ODP) INITIAL RESULTS VOLUME

Moore, C.J., Klaus, A., Bangs, N.L., Bekins, B., B  cker, C., Br  ckman, W., Erickson, S., Hansen, O., Horton, T., Ireland, P., Major, C.O., Moore, G.F., Peacock, S., Saito, S., Screatton, E.J., Schimeld, J.W., Stauffer, P.H., **Taymaz, T.**, Teas, P.A., Tokunaga, T. (1998). Faulting, Fluid Flow, and Seismic Imaging of the Northern Barbados Subduction Zone. *Proceedings of Ocean Drilling Programme, Initial Reports Book*, College Station, Texas, LEG-171A, 154 pp.

| OBITUARIES |

Pertev Bediz and **Tuncay Taymaz** (2004). *K  zım M. Ergin (1915-2002) – In Memoriam*, **Seismological Research Letters (SRL)**, Vol. 75, p. 152, March – April 2004.

Tuncay Taymaz (2004). Geophysicists – Prof.Dr. K  zım Ergin, **EOS Transactions, AGU**, Vol. 85, No.14, 6 April 2004.

Tuncay Taymaz (2003). Memorial – Prof.Dr. K  zım Ergin, **The Leading Edge**, Vol. 22, No. 9, Sept. 2003.

Tuncay Taymaz (2002). Prof.Dr. K  zım Ergin, **Turkish J. Earth Sci.**, Vol. 11, pp. 247-250.

G  lsen U  arku   and **Tuncay Taymaz** (2002). Dr. Aykut Barka, **Turkish J. Earth Sci.**, Vol. 11, pp. 83-85.

| WEB PUBLICATIONS |

Tuncay Taymaz, Onur Tan and Seda Yolsal (2005). SUMATRA EARTHQUAKE (Mw 9.3) of DECEMBER 26, 2004 – Source Rupture Processes and Slip Distribution Modelling: *Preliminary Rupture Model*, <http://web.itu.edu.tr/~taymaz/sumatra/>.

II. ARTICLES IN PREPARATION – EVALUATION – REVIEW

III. ARTICLES IN PEER-REVIEWED INTERNATIONAL JOURNALS AND BOOKS

| 2015 |

★ |1| Kind, R., Eken, T., Tilmann, F., Sodoudi, F., **Taymaz, T.**, Bulut, F., Xuan, X., Can, B., and Schneider, F., 2015. Thickness of the lithosphere beneath Turkey and surroundings from S-receiver functions, *Solid Earth*, 6, 971-984, doi:10.5194/se-6-971-2015.

★ |2| Saltogianni, V., Gianniou, M., **Taymaz, T.**, Yolsal-Çevikbilen, S., and Stiros, S. (2015). Fault-Slip Source Models for the 2014 *Mw* 6.9 Samothraki-Gökçeada Earthquake (North Aegean Trough): Combining Geodetic and Seismological Observations, *Journal of Geophysical Research, Solid Earth* (accepted, in press, 2 November 2015).

| 2014 |

★ |1| Yolsal-Çevikbilen, S., **Taymaz, T.**, and Helvacı, C. (2014). Earthquake Mechanisms in the Gulfs of Gökova, Kuşadası, Sığacık, and Simav Region (Western Turkey): Geodynamic Implications on Source Characteristics and Tsunami Hazard, *Tectonophysics*, 635, 100-124.

★ |2| Çubuk, Y., Yolsal-Çevikbilen, S. and **Taymaz, T.** (2014). Source Parameters of Bala-Sırapınar (Central Turkey) Earthquakes of 2005-2008: Implications on Internal Deformations of the Anatolian Plate, *Tectonophysics*, 635, 125-153.

| 2013 |

|1| Vanacore, E.A, **Taymaz T.** and Saygin, E. (2013). Moho Structure of the Anatolian Plate from Receiver Function Analysis, *Geophysical Journal International-Oxford*, Vol: 193 (1), pp. 329-337, April 2013, doi:10.1093/gji/ggs107, +15 pages supporting online material, First published online: January 14, 2013.

★ |2| Fichtner, A., Trampert, J., Cupillard, P., Saygin, E., **Taymaz, T.**, Capdeville, Y. and Villaseñor, A. (2013). Multi-Scale Full Waveform Inversion, *Geophysical Journal International-Oxford*, Vol: 194 (1), pp. 534-556, July 2013, doi:10.1093/gji/ggt118, First published online: April 28, 2013.

★ |3| Fichtner, A., Saygin, E., **Taymaz, T.**, Cupillard, P., Capdeville, Y. and Trampert, J. (2013). The Deep Structure of the North Anatolian Fault Zone, *Earth and Planetary Science Letters*, Vol: 373, pp. 109-117, July 2013, doi:10.1016/j.epsl.2013.04.027, First published online: May 17, 2013.

★ |4| Fielding, E.J., Lundgren, P.R., **Taymaz, T.**, Yolsal-Çevikbilen, S. and Owen, S.E. (2013). Fault-Slip Source Models for the 2011 *M7.1* Van Earthquake in Turkey from SAR Interferometry, Pixel Offset Tracking, GPS and Seismic Waveform Analysis, *Seismological Research Letters*, Vol: 84 (4), pp. 579-593, July-August-2013, SRL-D-12-00164, with supporting on-line material, doi:10.1785/0220120164.

★ **[5]** Bayrakci, G., Laigle, M., Bécel, A., Hirn, A., **Taymaz, T.**, Yolsal-Çevikbilen, S. and SEISMARMARA team (2013). 3D Sediment Basement Tomography of the Northern Marmara Trough by a Dense OBS Network at the Nodes of a Grid of Controlled Source Profiles Along the North Anatolian Fault, *Geophysical Journal International-Oxford*, September 2013, Vol: 194(3), pp. 1335-1357, +23 pages supporting online material, doi:10.1093/gji/ggt211, First published online: July 10, 2013.

| 2012 |

★ **[1]** Yolsal-Çevikbilen, S. and **Taymaz, T.** (2012). Earthquake Source Parameters Along the Hellenic Subduction Zone and Numerical Simulations of Historical Tsunamis in the Eastern Mediterranean, *Tectonophysics*, Vol: 536-537, pp. 61-100.

[2] Yolsal-Çevikbilen, S., Biryol, C.B., Beck, S., Zandt, G., **Taymaz, T.**, Adıyaman, H.E. and Özacar, A.A. (2012). 3-D Crustal Structure Along the North Anatolian Fault Zone in North-Central Anatolia Revealed by Local Earthquake Tomography, *Geophysical Journal International-Oxford*, Vol: 188 (3), pp.819-849.

| 2010 |

[1] Yolsal, S. and **Taymaz, T.** (2010). Sensitivity Analysis on Relations Between Earthquake Source Rupture Parameters and Far-Field Tsunami Waves: Case Studies in the Eastern Mediterranean Region, *Turkish J. Earth Sci.*, Vol. 19, pp. 313–349.

[2] Paradisopoulou, P.M., Papadimitriou, E.E., Karakostas, V.G., **Taymaz, T.**, Kilas, A. and Yolsal, S., (2010). Seismic Hazard Evaluation in Western Turkey as Revealed by Stress Transfer and Time-Dependent Probability Calculations, *Pure and Applied Geophysics (PAAG)*, Vol: 167, pp. 1013-1048, doi:10.1007/s00024-010-0085-1.

[3] Bécel, A., Laigle, M., de Voogd, B., Hirn, A., **Taymaz, T.**, Yolsal-Cevikbilen, S., Shimamura, H., (2010). North Marmara Trough Architecture of Basin Infill, Basement and Faults, from PSDM Reflection and OBS Refraction Seismics, *Tectonophysics*, Vol: 490, pp. 1-14.

[4] Yolsal, S. and **Taymaz, T.** (2010). Gökova Körfezi Depremlerinin Kaynak Parametreleri ve Rodos-Dalaman Bölgesinde Tsunami Riski, *İTÜ Dergisi /d*, Cilt 9, Sayı 3, pp. 53-65 (in Turkish).

| 2009 |

★ **[1]** Skarlatoudis AA , Papazachos CB, Margaris BN, Papaioannou C, Ventouzi C , Vamvakaris D, Bruestle A, Meier T, Friederich W, Stavrakakis G, **Taymaz T**, Kind R , Vafidis A , Dahm T. (2009). Combination of Acceleration-Sensor and Broadband Velocity-Sensor Recordings for Attenuation Studies: The Case of the 8 January 2006 Kythera Intermediate-Depth Earthquake. *Bulletin of the Seismological Society of America*, Vol. 99, No. 2A, pp. 694-704, April 2009, doi:10.1785/0120070211.

[2] Anne Bécel, Mireille Laigle, Béatrice De Voogd, Alfred Hirn, **Tuncay Taymaz**, Audrey Galvé, Hideki Shimamura, Yoshio Murai, Jean-Claude Lépine, Martine Sapin and Serdar Özalaybey (2009). Moho, Crustal Architecture and Deep Deformation under the North Marmara Trough, from the SEISMARMARA Leg-1 Offshore-Onshore Reflection-Refraction Survey, *Tectonophysics*, Vol: 467, pp.1-21, doi:10.1016/j.tecto.2008.10.022.

| 2008 |

[1] Laigle, M., Becel, A., de Voogd, B., Hirn, A., **Taymaz, T.**, Özalaybey, S., Cetin, S., Galvé, A., Karabulut, H., Lépine, J.C., Saatçılar, R., Sapin, M., Shimamura, H., Murai, Y., Singh, S., Tan, O., Vigner, A. and Yolsal, S. (2008). A First Deep Seismic Survey in the Sea of Marmara: Deep Basins and Whole Crust Architecture and Evolution, *Earth and Planetary Science Letters*, Vol. 270 (3-4), pp. 168-179.

★ **[2]** **Taymaz, T.**, Tan, O. and Yolsal, S. (2008). Recent Devastating Earthquakes in Turkey and Active Tectonics of the Aegean and Marmara Seas, *In: Proceedings of the NATO-Science Series: IV. Earth and Environmental Sciences – Vol. 81: Earthquake Monitoring and Seismic Hazard Mitigation in Balkan Countries* (ed. Eystein S. Husebye), Borovetz, Bulgaria, September 11-18, 2005, 289 pages, pp. 47-57, doi:10.1007/978-1-4020-6815-7, ISBN:978-1-4020-6813-3, Springer Science and Business Media B.V., March 2008.

| 2007 |

★ **[1]** **Taymaz, T.**, Yılmaz, Y. and Dilek, Y. (2007). The Geodynamics of the Aegean and Anatolia: *Introduction, Geological Society, London, Special Publications*, Vol. 291, pp. 1-16, December 2007.

★ **[2]** **Taymaz T.**, Wright, T.J., Yolsal, S., Tan, O., Fielding, E. and Seyitoğlu, G. (2007). Source Characteristics of the 6 June 2000 Orta-Çankırı (central Turkey) Earthquake: A Synthesis of Seismological, Geological and Geodetic (InSAR) Observations, and Internal Deformation of the Anatolian Plate, *In: The Geodynamics of the Aegean and Anatolia*, Taymaz, T., Yılmaz, Y. and Dilek, Y. (eds.), *Geological Society, London, Special Publications*, Vol. 291, pp. 259-290, December 2007, ISBN: 978-1-86239-239-7.

★ **[3]** Yolsal, S., **Taymaz, T.** and Yalçiner, A.C. (2007). Understanding Tsunamis, Potential Source Regions and Tsunami Prone Mechanisms in the Eastern Mediterranean, *In: The Geodynamics of the Aegean and Anatolia*, Taymaz, T., Yılmaz, Y. and Dilek, Y. (eds.), *Geological Society, London, Special Publications*, Vol. 291, pp. 201-230, ISBN: 978-1-86239-239-7, December 2007.

[4] Podgorski, J., Hearn, E.H., McClusky, S., Reilinger, R., **Taymaz, T.**, Tan, O., Prilepin, M., Guseva, T., Nadariya, M. (2007). Postseismic Deformation Following the 1991 Racha, Georgia, Earthquake, *Geophysical Research Letters (GRL)*, Vol: 34 (4): Art. No. L04310.

[5] Furlong, K.K., Beroza, G.C., Brun, J.P., Cowie, P.A., Handy, M.R., Mooney, W.D., **Taymaz, T.**, Teyssier, C., Vauchez, A. and Wernicke, B. (2007). Nucleation and Growth of Fault Systems, *In: Tectonic Faults-Agents of Change on a Dynamic Earth* (eds. M. R. Handy, Greg Hirth & Niels Hovius),

pp. 78-98, Dahlem Konferenzen Series—Freie Universität Berlin, Germany, ISBN: 978-0-262-08362-1, 460 pages, *The Massachusetts Institute of Technology (MIT) Press—Book Series*, Cambridge, Massachusetts, USA, May 2007.

| 2006 |

★|1| Tan, O. and **Taymaz, T.** (2006). Active Tectonics of the Caucasus: Earthquake Source Mechanisms and Rupture Histories Obtained from Inversion of Teleseismic Body Waveforms. *In:* (Dilek, Y., and Pavlides, S., eds.), *Postcollisional Tectonics and Magmatism in the Mediterranean region and Asia: Geological Society of America (GSA), Special Paper Vol: 409*, pp. 531-578, doi: 10.1130/2006.2409 (25).

★|2| Hubscher, C. Hensch, M., Dahm, T., Dehghani, A., Dimitriadis, I., Hort, M. and **Taymaz, T.**, (2006). Toward a Risk Assessment of Central Aegean Volcanoes, *American Geophysical Union (AGU), EOS-Transactions*, Vol: 87, no: 39, pp: 401-407, September 2006.

| 2004 |

|1| **Tuncay Taymaz**, Rob Westaway and Robert Reilinger (2004). *Guest Editors: Active Faulting and Crustal Deformation in the Eastern Mediterranean Region*, Special Issue, *Tectonophysics*, Vol: 391, Issues 1-4, 375 pages, October 29, 2004, Elsevier Publications, Amsterdam, The Netherlands, doi:10.1016/j.tecto.2004.07.005.

|2| **Tuncay Taymaz**, Rob Westaway and Robert Reilinger (2004). Active Faulting and Crustal Deformation in the Eastern Mediterranean Region: *Introduction*, Special Issue, *Tectonophysics*, Vol: 391, Issues 1– 4, pp. 1-9, doi:10.1016/j.tecto.2004.07.005.

|3| Sato, T., Kasahara, J., **Taymaz, T.** et al., (2004). A Study of Microearthquake Seismicity and Focal Mechanisms within the Sea of Marmara (NW Turkey) Using Ocean-Bottom Seismometers (OBS), Special Issue, *Tectonophysics*, Vol. 391, pp. 303–314, doi:10.1016/j.tecto.2004.07.018.

| 2003 |

|1| Karabulut, H., S. Özalaybey, **T. Taymaz**, M. Aktar, O. Selvi, and A. Kocaoğlu (2003). A Tomographic Image of the Shallow Crustal Structure in the Eastern Marmara, *Geophysical Research Letters*, American Geophysical Union (AGU), Vol: 30, No: 24, pp. 2277-2280, doi:10.1029/2003GL018074.

| 2001 |

|1| **Tuncay Taymaz** (2001). *Editor: Symposia On Seismotectonics of the North-Western Anatolia-Aegean and Recent Turkish Earthquakes, Scientific Activities 2001*, Istanbul Technical University, Faculty of Mines, May 8, 2001, ATLAS DBR-Offset, Istanbul, Turkey, 113 pages, ISBN 975-97518-0-1.

|2| Tuncay Taymaz, Junzo Kasahara, Alfred Hirn, and Toshinori Sato (2001). Investigations of Micro-Earthquake Activity within the Sea of Marmara and Surrounding Regions by Using Ocean Bottom Seismometers (OBS) and Land Seismographs: Initial Results, *Scientific Activities 2001 Symposia Extended Abstracts Book*, pp. 42–51. Istanbul Technical University, The Faculty of Mines, May 8, 2001, ATLAS DBR-Offset, Istanbul, Turkey, 113 pages, ISBN 975-97518-0-1.

|3| Tuncay Taymaz and Onur Tan (2001). Source Parameters of June 6, 2000 Orta–Çankırı (Mw=6.0) and December 15, 2000 Sultandağ–Akşehir (Mw 6.0) Earthquakes Obtained from Inversion of Teleseismic P- and SH- Body-Waveforms, *Scientific Activities 2001 Symposia Extended Abstracts Book*, pp. 96–107, Istanbul Technical University, The Faculty of Mines, ATLAS DBR-Offset, 113 pages, Istanbul, Turkey, May 8, 2001, ISBN 975-97518-0-1.

| 2000 |

|1| Moore, C.J, Klaus, A., Bangs, N.L., Bekins, B., Bucker, C., Brückman, W., Erickson, S., Hansen, O., Horton, T., Ireland, P., Major, C.O., Moore, G.F., Peacock, S., Saito, S., Screatton, E.J., Schimeld, J.W., Stauffer, P.H., Taymaz, T., Teas, P.A., Tokunaga, T., (2000). Logging While Drilling (LWD) on Northern Barbados Accretionary Prism. *Proceedings of Ocean Drilling Programme: Leg-171A: Scientific Results Book*, College Station, Texas, LEG–171A, 150 pp.

|2| Taymaz, T. (2000). Seismotectonics of the Marmara Region: Source Parameters of 1999 Gölcük-Sapanca-Düzce Earthquakes. *NATO Advanced Research Seminar: Integration of Earth Sciences Research on the 1999 Turkish and Greek Earthquakes and Needs for Future Cooperative Research, Extended Abstracts Book*: pp. 26-30, May 14-17, 2000, Istanbul-Turkey.

|3| Le Pichon, X., Taymaz, T., and Şengör, A.M.C. (2000). Important Problems to be Solved in the Sea of Marmara (NW-Turkey). *NATO Advanced Research Seminar: Integration of Earth Sciences Research on the 1999 Turkish and Greek Earthquakes and Needs for Future Cooperative Research, Extended Abstracts Book*: pp. 66-67, May 14-17, 2000, Istanbul-Turkey.

| 1999 |

|1| Taymaz, Tuncay (1999). Seismotectonics of the Marmara Region: Source Characteristics of 1999 Gölcük-Sapanca-Düzce Earthquakes. *Proceedings of ITU-IAHS, International Conference On The Kocaeli Earthquake 17 August 1999, Extended Abstracts Book*: pp. 55-78, December 2-5, 1999, Istanbul-Turkey.

|2| Le Pichon, X., Taymaz, T., and Şengör, A.M.C. (1999). The Marmara Fault and the Future Istanbul Earthquake. *Proceedings of ITU-IAHS, International Conference On The Kocaeli Earthquake 17August 1999, Extended Abstracts Book*: pp. 41-54, December 2-5, 1999, Istanbul-Turkey.

| 1998 |

[1] Moore, C.J, Klaus, A., Bangs, N.L., Bekins, B., Bucker, C., Brückman, W., Erickson, S., Hansen, O., Horton, T., Ireland, P., Major, C.O., Moore, G.F., Peacock, S., Saito, S., Screatton, E.J., Schimeld, J.W., Stauffer, P.H., **Taymaz, T.**, Teas, P.A., Tokunaga., T. (1998). Faulting, Fluid Flow, and Seismic Imaging of the Northern Barbados Subduction Zone. *Proceedings of Ocean Drilling Programme, Initial Reports Book*, College Station, Texas, LEG-171A, 154 pp, March 1998.

[2] Moore, C.J, Klaus, A., Bangs, N.L., Bekins, B., Bucker, C., Brückman, W., Erickson, S., Hansen, O., Horton, T., Ireland, P., Major, C.O., Moore, G.F., Peacock, S., Saito, S., Screatton, E.J., Schimeld, J.W., Stauffer, P.H., **Taymaz, T.**, Teas, P.A., Tokunaga., T. (1998). Consolidation Patterns During Development of A Plate-Boundary Décollement Zone: Northern Barbados Accretionary Prism, *Geology*, Vol: 26, No:9, pp. 811-814.

[3] Saunders, P., Priestley, K. and **Taymaz, T.** (1998). Variations in the Crustal Structure Beneath Western Turkey. *Geophysical Journal International-Oxford*, 134, 373-389.

| 1996 |

[1] **Taymaz, Tuncay** (1996). S-P Wave Travel-Time Residuals from Earthquakes and Lateral Inhomogeneity in the Upper Mantle Beneath the Aegean and the Hellenic Trench near Crete. *Geophysical Journal International-Oxford*, Vol: 127, pp. 545-558.

[2] Özer, M.F., **Taymaz, T.**, and Kenar, Ö. (1996). An Investigation of the Moho Topography Beneath the Marmara Region from the Azimuthal Anomalies. *Turkish Journal of Marine Sciences*, Vol: 2, pp. 123-139.

| 1995 |

[1] Smith, A.D., **Taymaz, T.** et al. (1995). High Resolution Seismic Profiling in the Sea of Marmara (NW Turkey): Late Quaternary Tectonics and Sedimentation, *Bulletin of Geological Society of America*, Vol: 107, pp. 923-936.

| 1993 |

[1] **Taymaz, Tuncay** (1993). The Source Parameters of Çubukdağ (Western Turkey) Earthquake of 11 October 1986, *Geophysical Journal International-Oxford*, Vol: 113, pp. 260-267.

| 1992 |

[1] **Taymaz, Tuncay** (1992). Observations on Source Time Functions of Earthquakes Obtained from Inversion of Teleseismic Body Waveforms, *Geophysical Journal International-Oxford*, Vol: 108, pp. 273-280.

|2| **Taymaz, Tuncay** and Price, Simon (1992). The 1971 May 12 Burdur Earthquake Sequence, SW Turkey: A Synthesis of Seismological and Geological Observations, *Geophysical Journal International-Oxford*, Vol: 108, pp. 589-603.

|3| **Taymaz, T.**, Jackson, J.A., and McKenzie, D. (1992). Reply to the comment by Rob Westaway on "Active Tectonics of the North and Central Aegean Sea" by T.Taymaz, J. Jackson and D.P. McKenzie. *Geophysical Journal International-Oxford*, Vol: 110, p. 623.

| 1991 |

|1| **Taymaz, T.**, Jackson, J.A. and McKenzie, D.P. (1991). Active Tectonics of the North and Central Aegean Sea, *Geophysical Journal International-Oxford*, Vol: 106, pp. 433-490.

|2| **Taymaz, T.**, Eyidoğan, H. and Jackson, J.A. (1991). Source Parameters of Large Earthquakes in the East Anatolian Fault Zone (Turkey), *Geophysical Journal International-Oxford*, Vol: 106, pp. 537-550.

| 1990 |

|1| **Taymaz, T.**, Jackson, J.A. and Westaway, R. (1990). Earthquake Mechanisms in the Hellenic Trench near Crete, *Geophysical Journal International-Oxford*, Vol: 102, pp. 695-731.

IV. ABSTRACTS, INVITED DISTINGUISHED LECTURES, KEY-NOTE TALKS, PLENARY OPENING TALKS, SEMINARS, EDITORIALS, REVIEWS

| 2015 |

★Çubuk, Y., Fichtner, A. and **Taymaz, T.**, (2015a). Preliminary Results of 3D Full Seismic Waveform tomography of NW Turkey, The EU Framework Programme – HORIZON 2020 – COST Actions: Earth System Science and Environmental Management COST Action ES1401 – Time Dependent Seismology (*TIDES*) 1st Advanced Training School on Seismic Data, 01-05 May 2015, Bertinoro, Italy.

★Çubuk, Y., Fichtner, A. and **Taymaz, T.**, (2015b). 3D Full Seismic Waveform tomography of NW Turkey and Surroundings, EGU General Assembly 2015, *Geophysical Research Abstracts*, Vol.17, EGU-2015-4700, Vienna, 12-17 April 2015, Austria.

★Tuna Eken, Rainer Kind, Frederik Tilmann, Forough Sodoudi, **Tuncay Taymaz**, Fatih Bulut, Xiaohui Yuan, Birsan Can, and Felix Schneider (2015). Thickness of the lithosphere beneath Anatolia from S receiver functions, *European Geoscience Union (EGU) General Assembly*, *Geophysical Research Abstracts*, Vol.17, EGU2015-3527, 12-17 April 2015, Vienna, Austria.

★Fatih Bulut, Tuna Eken, Seda Yolsal-Çevikbilen, and **Tuncay Taymaz** (2015). Constraining seismic velocity features combining short and long period signals: Test ground is Turkey, European Geoscience Union (EGU) General Assembly, *Geophysical Research Abstracts*, Vol.17, EGU2015-5145, 12-17 April 2015, Vienna-Austria.

★ **Tuncay Taymaz** and Seda Yolsal-Çevikbilen (2015). Source Parameters of Major Earthquakes in the Aegean during 2013-2014: Implications on Recent Tectonics and Deformations, European Geoscience Union (EGU) General Assembly, *Geophysical Research Abstracts*, Vol.17, EGU2015-4744, 12-17 April 2015, Vienna-Austria.

★ Seda Yolsal-Çevikbilen and **Tuncay Taymaz** (2015). Source Mechanisms of Recent Earthquakes occurred in the Fethiye-Rhodes Basin and Anaximander Seamounts (SW Turkey), European Geoscience Union (EGU) General Assembly, *Geophysical Research Abstracts*, Vol.17, EGU2015-4649, 12-17 April 2015, Vienna-Austria.

★ Vasso Saltogianni, Michail Gianniou, Seda Yolsal-Çevikbilen, Tuna Eken, **Tuncay Taymaz**, and Stathis Stiros (2015). Seismological and Geodetic Modeling of the 2014, Mw 6.8 Earthquake of North Aegean Trough, European Geoscience Union (EGU) General Assembly, *Geophysical Research Abstracts*, Vol.17, EGU2015-4839, 12-17 April 2015, Vienna-Austria.

★ Judith Confal, Tuna Eken, Frederik Tilmann, Seda-Yolsal Çevikbilen, Yeşim Çubuk, Erdinc Saygın and **Tuncay Taymaz** (2015). Investigation of Mantle Kinematics beneath Hellenic-Subduction Zone by using Teleseismic Direct Shear Waves, *Oral Session II: Earth and Planetary Structure, 41. Anlässlich der Sitzung der AG Seismologie*, Wildbad Kreuth, 15-17 September 2015, Germany

| 2014 |

★ **Tuncay Taymaz**, Nora Jennifer Schneevoigt and Fatma N.Kök (2014a) (*Conveners*): Testimonial Presentation–The Sponsorship Portfolio of the Alexander von Humboldt-Foundation for international researchers and its country focus initiative on Turkey, 23 October 2014 Thursday @ 15:00, Istanbul Technical University, the Faculty of Mines, İhsan Ketin Conference Hall.

★ **Tuncay Taymaz** (2014b) (*Workshop Chairman and Convener*): Seismological Grand Challenges in Understanding Earth's Dynamic System, *In Memory of Prof.Dr. Kazım Ergin*, 40th Anniversary Year of the Foundation of the Department of Geophysical Engineering, the Faculty of Mines, Istanbul Technical University, 24 November 2014. İhsan Ketin Conference Hall, ITU Maslak Campus, Istanbul, Turkey (<http://web.itu.edu.tr/~taymaz/40Years-Geophysics.html>).

★ Yolsal-Çevikbilen, S. and **Taymaz, T.**, 2013. Seismic Anisotropy Along the Cyprus Arc Revealed by Shear Wave Splitting Analysis, Session-DI011-Seismic Anisotropy: Predictions, Observations, and Interpretations, Control ID: 1793998, American Geophysical Union (AGU) Fall Meeting, San Francisco, 9-13 December 2013.

★ **Taymaz, T.**, Fichtner, A., Vanacore, E., Saygin, E., Yolsal-Çevikbilen, S. and Fielding, E.J., 2013. Plate Scale Seismic Studies of Anatolia: Implications on Tectonic Interpretations, Session-T022: Neotectonics and Earthquake Potential of the Eastern Mediterranean Region, Control ID: 1796398, American Geophysical Union (AGU) Fall Meeting, San Francisco, 9-13 December 2013 (**Invited Keynote Speaker**).

★ Çubuk, Y., Fichtner, A. and **Taymaz, T.**, 2014. Preliminary results of Full Seismic Waveform Tomography for Sea of Marmara region (NW Anatolia), American Geophysical Union (AGU) Fall Meeting, Section: Imaging the Earth from Data to Processes, Abstract ID: 15468, San Francisco, 15-19 December 2014, San Francisco, USA.

★ **Taymaz, T.** (2014a). Active Tectonics of Turkey and Surroundings: Case Studies of Recent Earthquakes, *Helmholtz-Zentrum Potsdam Deutsches GeoForschungsZentrum (GFZ), Sektion 2.4, Seismologie Telegrafenberg, Haus A3/102 14473 Potsdam*, 25 June 2014 @ 10:30 (**Invited Speaker**).

★ **Taymaz, T.** (2014b). Plate-Scale Seismic Studies of Anatolia: Implications on Tectonic Interpretations and Earthquake Potential of the Eastern Mediterranean Region, *Freie Universität Berlin, Department of Earth Sciences, Institute of Geological Sciences, Tectonics and Sedimentary Geology, Haus B, Room 139*, 10 July 2014 @ 13:15 (**Invited Speaker**).

★ **Taymaz, T.** (2014c). Active Tectonics of Turkey: Seismotectonics and Earthquake Potential of the Eastern Mediterranean Sea, *Freie Universität Berlin, Department of Earth Sciences, Institute of Geological Sciences, Fachrichtung Geophysik, Building D.,* 14 July 2014 @ 11:00 (**Invited Speaker**).

★ **Taymaz, T.** (2014d). Plate-Scale Seismic Studies of Anatolia: Implications on Tectonic Interpretations, *Physikalisches Kolloquium, Universitaet Konstanz, Fachbereich Physik, Konstanz, Germany, Room 513*, Tuesday, 22 July 2014 @ 15:15 (**Invited Speaker**).

★ **Taymaz, T.** (2014e). Active Tectonics of the Lake Van Region (Eastern Turkey): Fault Slip Source Models for the 2011 Mw 7.1 Van Earthquake in Turkey from SAR Interferometry, Pixel Offset Tracking, GPS and Seismic Waveform Analysis, *ETH Zürich, Eidgenössische Technische Hochschule (ETH), Institute of Geophysics, Zurich, Switzerland, Room E11*, Wednesday 6 August 2014 @ 11:00 (**Invited Speaker**).

★ **Taymaz, T.** (2014f). Doğu Anadolu Bölgesinin Aktif Tektoniği ve Deprem Riski, *TMMOB, İnşaat Mühendisleri Odası, Gaziantep Şubesi, Meslek İçi Eğitimler Serisi, Cuma 19 Aralık 2014 @ 16:00* .

| 2013 |

★ **[1]** Andreas Fichtner, Paul Cupillard, Erdinc Saygin, Yann Capdeville, **Tuncay Taymaz**, Antonio Villasenor and Jeannot Trampert (2013). Full Waveform Inversion Across the Scales, **2013—SIAM CONFERENCE ON COMPUTATIONAL SCIENCE AND ENGINEERING: Large-Scale Full Waveform Inversion**, 25 February – 1 March 2013, The Westin Boston Waterfront, Boston, Massachusetts, USA (**Invited Keynote Speaker**).

★ **[2]** Andreas Fichtner, Jeannot Trampert, Erdinc Saygin, Paul Cupillard, Antonio Villasenor, Yann Capdeville, and **Tuncay Taymaz** (2013). Multi-Scale Full Waveform Inversion for the the Crust and Upper Mantle Beneath Europe and Western Asia, EGU2013-3465, *SM4.2/GD8.5/TS9.10: Seismic Imaging and Tomography: Theory and Practice*, **European Geosciences Union (EGU)**, General Assembly 2013, Vienna, Austria, 07 – 12 April 2013.

★ **[3]** Yeşim Çubuk, Seda Yolsal-Çevikbilen and **Tuncay Taymaz** (2013). Source Parameters of Bala-Sırapınar (Central Turkey) Earthquakes of 2005-2008: Implications on Internal Deformations of the Anatolian Plate, EGU2013-2300, *TS6.1: The Alpine Convergence Zone and the Mediterranean Sea*, **European Geosciences Union (EGU)**, General Assembly 2013, Vienna, Austria, 07 – 12 April 2013.

★ **[4]** Seda Yolsal-Çevikbilen, Özgür Karaoğlu, **Tuncay Taymaz** and Cahit Helvacı (2013). Seismotectonics and Neotectonics of the Gulfs of Gökova-Kuşadasi-Sığacık and Surrounding Regions (SW Turkey): Earthquake Mechanisms, Source Rupture Modeling, Tsunami Hazard and Geodynamic

Implications, EGU2013-2275, TS5.3/SM5.6: Tectonics and Seismicity of Continental Extension Zones, **European Geosciences Union (EGU)**, General Assembly 2013, Vienna, Austria, 07 – 12 April 2013.

★ |5| Andreas Fichtner, Jeannot Trampert, **Tuncay Taymaz**, Paul Cupillard, Erdinc Saygin, Yann Capdeville and Antonio Villasenor (2013). Multi-Scale Full Waveform Inversion for the Crust and Upper Mantle Structure, *Knowledge For The Future, Joint Assembly IAHS/IAPSO/IASPEI, 093-IASPEI: S701—Mathematical Problems in Seismology*, University of Gothenburg, Sweden, 22 – 26 July, 2013.

★ |6| Eric J. Fielding, Paul Lundgren, Jascha Polet, **Tuncay Taymaz**, Susan Owen, Mark Simons, Mahdi Motagh, Hannes Bathke, Mahmud Haghshenas, Sang-Ho Yun and Seda Yolsal-Çevikbilen (2013). Combined InSAR, Pixel Tracking, GPS, and Seismic Analysis for Slip Evolution Models of 2011 Mw 7.1 Van, Turkey, Earthquake, **LIVING PLANET SYMPOSIUM—2013, European Space Agency (ESA)**, 09-13 September 2013, Edinburgh, UK.

★ |7| **Tuncay Taymaz** (2013). Fault Slip Source Models for the 2011 Mw=7.1 Van Earthquake in Turkey from Combined SAR Interferometry, Pixel-Offset Tracking, GPS and Seismic Waveform Analysis, *International Van Earthquake Symposium 2013, 23-27 October, Van, Turkey*, Collaborators: Eric J. Fielding, Paul R. Lundgren, Seda Yolsal-Çevikbilen, Susan E. Owen, Jascha Polet, Mark Simons, Mahdi Motagh, Sang Ho Yun, Yuji Yagi (*Invited Plenary Keynote Speaker*).

★ |8| **Tuncay Taymaz**, Andreas Fichtner, Elizabeth Vanacore, Erdinc Saygin, Seda Yolsal-Çevikbilen and Eric J. Fielding (2013). Plate Scale Seismic Studies of Anatolia: Implications on Tectonic Interpretations, Session-T022: *Neotectonics and Earthquake Potential of the Eastern Mediterranean Region*, Control ID: 1796398, **American Geophysical Union (AGU) Fall Meeting**, San Francisco, 9-13 December 2013 (*Invited Keynote Speaker*).

★ |9| Seda Yolsal-Çevikbilen and **Tuncay Taymaz** (2013). Seismic Anisotropy Along the Cyprus Arc Revealed by Shear Wave Splitting Analysis, *Session-DI011-Seismic Anisotropy: Predictions, Observations, and Interpretations*, Control ID: 1793998, **American Geophysical Union (AGU) Fall Meeting**, San Francisco, 9-13 December 2013.

| 2012 |

★ |1| **Taymaz, T.** (2012). Active Tectonics of the Aegean: Earthquake Source Parameters and Numerical Simulation of Historical Tsunamis in the Eastern Mediterranean, **International Earth Science Colloquium on the Aegean Region (IESCA—2012)**, 1–5 October 2012, İzmir, Turkey (*Invited Plenary Keynote Speaker*).

★ |2| **Taymaz, T.** (2012). Multi-Scale Full Waveform Inversion for Europe and Western Asia with Focus on the Anatolian Region, The Deep Structure of Continental Strike-Slip Faults: The North Anatolian Fault Zone (NAFZ), **International Earth Science Colloquium on the Aegean Region (IESCA—2012)**, 1–5 October 2012, İzmir, Turkey (*Invited Plenary Keynote Speaker*).

★ **[3]** Fichtner, A., Trampert, J., Cupillard, P., Saygin, E., **Taymaz, T** and Villaseñor, A. (2012). Imaging the North Anatolian Fault Zone with Multi-Scale Full Waveform Inversion, Seismic Tomography Across the Scales (S34B-06), **American Geophysical Union (AGU) Fall Meeting**, San Francisco, USA, December 3-7, 2012.

★ **[4]** Fielding, E.J., Lundgren, P., Polet, J., **Taymaz, T.**, Owen, S.E., Simons, M., Motagh, M., and Yun, S. (2012). Combined InSAR, Pixel Tracking, GPS, and Seismic Waveform Analysis for Fault Slip Evolution Model of the 2011 M_w 7.1 Van Earthquake in Turkey and InSAR Time-series Analysis for Postseismic Deformation, G41B-07: New Advances in the Application of InSAR and High-Resolution Geodetic Data for Crustal Deformation, **American Geophysical Union (AGU) Fall Meeting**, San Francisco, USA, December 3-7, 2012.

[5] **Taymaz, T.** (2012). University of Tsukuba, College of Geoscience, School of Life and Environmental Sciences, **Doctoral Program in Earth Evolution Sciences**, 16 – 23 November 2012, Tsukuba, Japan (*invited speaker of internal seminars*).

- a. Earthquake source parameters along the Hellenic subduction zone and numerical simulations of historical tsunamis in the Eastern Mediterranean.
- b. Multi-scale full waveform inversion for Europe and western Asia with focus on the Anatolian region. The Deep Structure of Continental Strike-Slip Faults: The North Anatolian Fault Zone (NAFZ).
- c. Fault Slip Source Model for the 2011 M_w 7.1 Van earthquake in Turkey from SAR Interferometry, Pixel Offset Tracking, GPS and Seismic Waveform Analysis.

| 2011 |

[1] **Tuncay Taymaz** and Seda Yolsal-Çevikbilen (2011). Active Tectonics of Western Turkey: Seismicity, Heat Flow and Geothermal Resources, *Jeotermal Kaynaklar ve Doğal Mineralli Sular Belgelendirme Kursu*, Chamber of Geophysical Engineers of Turkey (TMMOB), pp. 89-100, 4-6 March 2011, İzmir, Turkey (in Turkish).

[2] Seda Yolsal-Çevikbilen, C. Berk Biryol, Susan Beck, George Zandt, **Tuncay Taymaz**, Hande E. Adıyaman, and A.Arda Özacar (2011). 3-D Crustal Structure along the North Anatolian Fault Zone in North Central Anatolia from Local Earthquake Tomography, **European Geosciences Union (EGU) General Assembly 2011**, Geophysical Research Abstracts, Vol. 13, Abstract No: EGU2011-3004, 03-08 April 2011, Vienna, Austria.

[3] Yeşim Çubuk, Seda Yolsal-Çevikbilen, and **Tuncay Taymaz** (2011). Source Parameters of March 8, 2010 Karakoçan (Elazığ, SE Turkey) Earthquakes: Synthesis of Time Domain Regional Moment Tensor and Teleseismic Body-Waves Inversions, **European Geosciences Union (EGU) General Assembly 2011**, Geophysical Research Abstracts, Vol. 13, Abstract No: EGU2011-2958, 03-08 April 2011, Vienna, Austria.

★ **|4|** Andreas Fichtner, Jeannot Trampert, Antonio Villaseñor, Erdinc Saygin and **Tuncay Taymaz** (2011). TOWARDS A COMPREHENSIVE SEISMIC MODEL OF THE EUROPEAN UPPER MANTLE, **XXV IUGG General Assembly–Earth on the Edge: Science for a Sustainable Planet**, IASPEI: Seismic Imaging of the Lithosphere and Mantle, Abstract No: 3968, 28 June-7 July 2011, Melbourne Convention & Exhibition Centre, Melbourne, Australia.

★ **|5|** Andreas Fichtner, Jeannot Trampert, Antonio Villaseñor, Erdinc Saygin and **Tuncay Taymaz** (2011). TOWARDS A EUROPEAN COMPREHENSIVE SEISMIC MODEL (ECOS), **2nd QUEST Workshop (QUantitative Estimation of Earth's Seismic Sources and STructure)**, 12-19 July 2011, Hveragerdi, Reykjavik, Iceland.

| 2010 |

|1| Tuncay Taymaz (2010). The Ambient Noise Multi-Arrival Tomography of Turkey and Surrounding Regions, Dokuz Eylül University, Graduate School of Science and Technology, Geophysics Programme, 12 March 2010, İzmir, Turkey (in Turkish, *invited seminar talk*).

|2| Bayrakçı, G., Laigle, M., Becel, A., Hirn, A., **Taymaz, T.**, and Yolsal-Çevikbilen, S. (2010). 3D Vp Heterogeneity Beneath the Marmara Sea: Shot Tomography on a 2D OBS Array, Geophysical Research Abstracts, Vol. 12, EGU2010-12069-2, **European Geosciences Union (EGU) General Assembly 2010**, 02-07 May 2010, Vienna, Austria.

|3| Becel, A., Laigle, M., Hirn, A., Bayrakçı, G., **Taymaz, T.**, and Yolsal-Çevikbilen, S. (2010). Seismic Structure From Sea-Bottom to Mantle Top of the North Anatolian Fault in the Sea of Marmara (NW Turkey)., Geophysical Research Abstracts, Vol. 12, EGU2010-10971, **European Geosciences Union (EGU) General Assembly 2010**, 02-07 May 2010, Vienna, Austria.

|4| Saygin, E., **Taymaz, T.**, and Kennett, B.L. (2010). The Ambient Noise Tomography of Turkey: Crust to Upper Mantle, Geophysical Research Abstracts, Vol. 12, EGU2010-7530, **European Geosciences Union (EGU) General Assembly 2010**, 02-07 May 2010, Vienna, Austria.

|5| Vanacore, E., Saygin, E., Çubuk, Y., and **Taymaz, T.** (2010). Imaging Turkey's Crust with Receiver Functions and Ambient Noise, 14th International Symposium on Deep Seismic Profiling of the Continents and their Margins, **SEISMIX 2010-CAIRNS Symposium**, Book of Abstracts No: P125, 29 August–3 September 2010, Cairns, Queensland, Australia.

|6| Vanacore, E., Saygin, E., **Taymaz, T.** and Çubuk, Y. (2010). Crustal Structure of Turkey from Receiver Functions and Ambient Noise Tomography, **Geological Society of America (GSA) –Tectonic Crossroads: Evolving Orogens of Eurasia-Africa-Arabia**, Abstract No: 175264, Middle East Technical University, 4-8 October, 2010, Ankara, Turkey.

|7| Çubuk, Y. and **Taymaz T.** (2010a) Time Domain Moment Tensor Inversion of Bala-Sırapınar (Central Turkey) Earthquakes of 2005-2008. **Geological Society of America (GSA)–Tectonic Crossroads: Evolving Orogens of Eurasia-Africa-Arabia**, Abstract No: 175207, Middle East Technical University, 4-8 October, 2010, Ankara, Turkey.

- [8] Çubuk, Y. and **Taymaz T.** (2010b). Time Domain Moment Tensor Inversion of Bala-Sırapınar (Central Turkey) Earthquakes of 2005-2009. *Seventh International Symposium On The Eastern Mediterranean Geology*, Çukurova University, 18–22 October 2010, Adana, Turkey.
- [9] Çubuk, Y. and **Taymaz, T.** (2010c). Time Domain Moment Tensor Inversion of Çameli-Göhlhisar (SW Turkey) Earthquakes of 2005-2008, *Seventh International Symposium On The Eastern Mediterranean Geology*, Çukurova University, 18–22 October 2010, Adana, Turkey.
- [10] Saygın, E., Kennett, B.L., **Taymaz, T.**, and Hauser, J. (2010). The Ambient Noise Multi-Arrival tomography of Turkey and Surrounding Regions, *Seventh International Symposium On The Eastern Mediterranean Geology*, Çukurova University, 18–22 October 2010, Adana, Turkey.
- [11] Saygın, E., **Taymaz, T.**, and Kennett, B.L. (2010). The Ambient Noise Tomography of Turkey: Crust to Upper Mantle. *Seventh International Symposium On The Eastern Mediterranean Geology*, Çukurova University, 18–22 October 2010, Adana, Turkey.
- [12] Çubuk, Y., Vanacore, E., Saygın, E., **Taymaz, T.** (2010). Imaging Turkey's Crust with Receiver Functions and Ambient Noise, *American Geophysical Union (AGU) Fall Meeting*, 13-17 December 2010, San Francisco, California, USA.

| 2009 |

- [1] Adıyaman, H.E., Susan L. Beck, George Zandt, C. Berk Biryol, Linda M. Warren, A. Arda Ozacar, and **Tuncay Taymaz** (2009). The North Anatolian Fault Passive Seismic Experiment: Lithospheric Structure of the Central North Anatolia from S-wave Receiver Function Analysis. International Symposium on Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10, Marmara Earthquake, *Proceedings Book of Extended Abstracts*, pp. 277-285, 10-12 September 2009, Istanbul, Turkey.
- [2] Bécel, A., Laigle, M., Hirn, A., Bayrakçı, G., **Taymaz, T.**, Yolsal-Çevikbilen, S. and SEISMARMARA Leg-1 Team (2009). A First Deep Seismic Survey in the Sea of Marmara (NW Turkey). International Symposium on Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10, Marmara Earthquake, *Proceedings Book of Extended Abstracts*, pp. 169-174, 10-12 September 2009, Istanbul, Turkey.
- [3] Büyüksaraç, A., **Taymaz, T.**, Ateş, A., Bilim, F., Aydemir, A., Bektaş, Ö., Yolsal, S. and Çubuk, Y. (2009). Gravity Anomalies and Crustal Structure of Turkey. International Symposium on Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10, Marmara Earthquake, *Proceedings Book of Extended Abstracts*, pp. 107-112, 10-12 September 2009, Istanbul, Turkey.
- [4] Çubuk, Y. and **Taymaz, T.** (2009a). Active Tectonics of Bala-Sırapınar (Central Turkey) and Surroundings: Time Domain Moment Tensor Inversion of Moderate Earthquakes Occurred During 2005-2008. International Symposium on Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10,

Marmara Earthquake, *Proceedings Book of Extended Abstracts*, pp. 367-372, 10-12 September 2009, Istanbul, Turkey.

[5] Çubuk, Y. and **Taymaz, T.** (2009b). Active Tectonics of Çameli-Göhlhisar (SW Turkey) and Surroundings: Time Domain Moment Tensor Inversion of Moderate Earthquakes Occurred During 2005-2008. International Symposium on Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10, Marmara Earthquake, *Proceedings Book of Extended Abstracts*, pp. 373-376, 10-12 September 2009, Istanbul, Turkey.

[6] Irmak, S. and **Taymaz, T.** (2009). Source Mechanisms of Recent Moderate Earthquakes Occurred in Honaz-Denizli Graben (W Turkey) Obtained by Regional Broadband Waveform Inversion. International Symposium on Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10, Marmara Earthquake, *Proceedings Book of Extended Abstracts*, pp. 350-356, 10-12 September 2009, Istanbul, Turkey.

[7] Özacar, A., Biryol, B., Adıyaman, H.E., Gans, C.R., Zandt, G., Beck, S.L., Warren, L.M. and **Taymaz, T.** (2009). The North Anatolian Fault (NAF) Passive Seismic Experiment: Continental Lithospheric Deformation along a Major Strike-Slip Fault (central Turkey). International Symposium on Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10, Marmara Earthquake, *Proceedings Book of Extended Abstracts*, pp. 236-237, 10-12 September 2009, Istanbul, Turkey.

[8] Saygın, E. Kennett, B.L.N., **Taymaz, T.** and Juerg Hauser. (2009). The Ambient Noise Multi-Arrival Tomography of Turkey and Surrounding Regions. International Symposium on Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10, Marmara Earthquake, *Proceedings Book of Extended Abstracts*, pp. 194-195, 10-12 September 2009, Istanbul, Turkey.

[9] Yolsal, S. and **Taymaz, T.** (2009a). Earthquake Source Scaling Relationships and Tsunami Generation Obtained by Slip Distribution and Rupture Modeling Studies in the Eastern Mediterranean Region. International Symposium on Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10, Marmara Earthquake, *Proceedings Book of Extended Abstracts*, pp. 341-349, 10-12 September 2009, Istanbul, Turkey.

[10] Yolsal, S. and **Taymaz, T.** (2009b). Source Mechanism Parameters of June 19, 2009 Earthquake (M_w 5.6) Occurred in the vicinity of Rhodes-Dodecanese Islands (Eastern Mediterranean). International Symposium on Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10, Marmara Earthquake, *Proceedings Book of Extended Abstracts*, pp. 391-396, 10-12 September 2009, Istanbul, Turkey.

- [11] Ateş, A., **Taymaz, T.**, Bilim, F., Büyüksaraç, A., Aydemir, A., Yolsal, S., Çubuk, Y. and Bektaş, Ö. (2009). Tectonic Interpretation of Aeromagnetic Anomalies of Turkey. 11th Scientific Assembly of **IGA: International Association of Geomagnetism and Aeronomy**, Book of Abstracts No: 506-SAT-O1145-0021, August 23-30, 2009, Sopron, Hungary.
- [12] Çubuk, Y. and **Taymaz, T.** (2009). Time Domain Momet Tensor Analysis of 2005-2008 Sırıpınar–Bala (Ankara) Earthquakes. **62nd International Geological Congress of Turkey**, Book of Abstracts-II, pp. 780-781, 13-17 April 2009, Ankara, Turkey.
- [13] Yolsal, S. **Taymaz, T.** and Yalçiner, A.C. (2009a). Earthquake Source Mechanisms and Historical Tsunami Simulations in Dodecanese Islands Region, Eastern Mediterranean. **62nd International Geological Congress of Turkey**, Book of Abstracts-II, pp. 772-773, 13-17 April 2009, Ankara, Turkey.
- [14] Yolsal, S. **Taymaz, T.** and Yalçiner, A.C. (2009b). The 21 July 365 AD Crete Earthquake and Simulation of its Associated Tsunami. **62nd International Geological Congress of Turkey**, Book of Abstracts-II, pp. 782-783, 13-17 April 2009, Ankara, Turkey.
- [15] Yolsal, S. **Taymaz, T.** and Yalçiner, A.C. (2009c). Sensitivity Analysis on Relations Between Earthquake Source Rupture Parameters and Tsunami Waves in the Eastern Mediterranean. **62nd International Geological Congress of Turkey**, Book of Abstracts-II, pp. 784-785, 13-17 April 2009, Ankara, Turkey.
- [16] **Taymaz, T.**, Yolsal, S. & Yalçiner, A.C. Yalçiner (2009). Earthquakes and Potential Tsunami Sources in the Eastern Mediterranean. **62nd International Geological Congress of Turkey**, Book of Abstracts-II, pp. 770-771, 13-17 April 2009, Ankara, Turkey.
- [17] **Tuncay Taymaz** and Seda Yolsal (2009). Earthquake Source Rupture Parameters and Potential Tsunami Sources in the Eastern Mediterranean Region. Workshop On Tsunamigenic Earthquakes and Tsunami Modelling, **European Union–Joint Research Center (EU-JRC), Institute for the Protection and Security of the Citizen**, 30–31 March, 2009, Ispra, Italy (**invited key-note talk**).
- [18] **Tuncay Taymaz**, Seda Yolsal and Ahmet C. Yalçiner (2009). Source Rupture Parameters of Destructive Earthquakes and Potential Tsunami Sources Based On Historical Records and Modern Seismological Tools in the Eastern Mediterranean Region, **Earthquake in a Metropolis: A Conscious Risk? Alumni Plenum-Seminar**, p. 18–19, Istanbul Technical University-Technische Universitaet Berlin, April 29 – May 1, 2009, Istanbul, Turkey (**invited key-note talk**).
- [19] **Tuncay Taymaz** and Seda Yolsal (2009). Active Tectonics of the Sea of Marmara Region: Significant Earthquakes Threatening Gelibolu Peninsula and Surroundings, Scientific Activities on 40th Anniversary Year of South-Eastern Europe Research Centre and Institute of Eurasia, Seyyid Hasan Paşa Medresesi, Beyazıt-İstanbul, 16 June 2009 (**invited key-note talk**).
- [20] Seda Yolsal and **Tuncay Taymaz** (2009). Earthquake Source Rupture Parameters and Potential Tsunami Sources and Historical Tsunami Simulations in the Eastern Mediterranean Region. **Workshop On NAF Seismology Experiments and Geodynamics of the Anatolia**, Department of Earth Sciences, University of Arizona, Tucson, USA, 25 September, 2009.

[1] C.B. Biryol, G. Zandt, S.L. Beck, C Gans, A.A. Özacar, H.E. Tok, A. Kocyigit, E. Bozkurt, **T. Taymaz** (2008). The North Anatolian Fault (NAF) Experiment: Seismic Anisotropy beneath Northern Anatolia from Shear-Wave Splitting. *EOS Transactions*, Poster No: T21A-1916, **AGU Fall Meeting**, 15-19 December 2008, San Francisco, USA.

[2] Hande E. Tok, Susan L. Beck, George Zandt, C. Berk Biryol, Linda M. Warren, A. Arda Özacar, and **T. Taymaz** (2008). The North Anatolian Fault Passive Seismic Experiment: Lithospheric Structure of the Central North Anatolia from S-wave Receiver Function Analysis. *EOS Transactions*, Poster No: T21A-1917, **AGU Fall Meeting**, 15-19 December 2008, San Francisco, USA.

[3] C R Gans, C B Biryol, S L Beck, G Zandt, A.A Özacar, H E Tok, N Turkelli, **T. Taymaz** (2008). The NAF Experiment: Uppermost Mantle Structure Beneath North-Central Turkey Using Pn Tomography. *EOS Transactions*, Poster No: T21A-1918, **AGU Fall Meeting**, 15-19 December 2008, San Francisco, USA.

★ [4] Yolsal, S., **Taymaz, T.** and Yalçiner, A.C. (2008). Earthquake Source Rupture Characteristics Along the Hellenic Arc and Simulation of the AD 365 Crete Earthquake and its Tsunami, *Geophysical Research Abstracts*, Vol. 10, EGU-2008-A-00065, **EGU General Assembly 2008**, Vienna, Austria.

★ [5] Yolsal, S., **Taymaz, T.** and Yalçiner, A.C. (2008). Source Mechanisms of the Recent Rhodes-Dodecanese Islands Earthquakes and Historical Tsunami Simulations in the eastern Mediterranean, *Geophysical Research Abstracts*, Vol. 10, EGU-2008-A-00072, **EGU General Assembly 2008**, Vienna, Austria.

★ [6] **Taymaz, T.**, Yolsal, S. and Yalçiner, A.C. (2008). Seismotectonics of the Cyprus Arc and Dead Sea Transform Fault and Simulations of the historical earthquakes and tsunamis, *Geophysical Research Abstracts*, Vol. 10, EGU2008-A-00063, **EGU General Assembly 2008**, Vienna, Austria.

★ [7] **Taymaz, T.**, Yolsal, S. and Yalçiner, A.C. (2008). Source Rupture Characteristics of the Sumatra-Andaman, Nias-Simeulue and Southern Sumatra Megathrust Earthquakes of 2004-2007 and Their Tsunamis, *Geophysical Research Abstracts*, Vol. 10, EGU2008-A-00062, **EGU General Assembly 2008**, Vienna, Austria.

[8] Ashkpour, S., Yolsal, S., Mostafazadeh, M., and **Taymaz, T.** (2008). Source parameters of the March 4, 1999 earthquake (Mw 6.6) of Oman-Line (S Iran) based on teleseismic Body-Waveform data, *Geophysical Research Abstracts*, Vol. 10, EGU2008-A-00088, **EGU General Assembly 2008**, Vienna-Austria.

[9] Küperkoch, L., Brüstle, A., Meier, T., Friederich, W. and the EGELADOS working group, (2008). Automated event and phase identification in a regional seismic network, *Geophysical Research Abstracts*, Vol. 10, EGU2008-A-08826, **EGU General Assembly 2008**, Vienna-Austria.

- [10] Bruestle, A., Kueperkoch, L., Meier, T., Friederich, W. and the EGELADOS working group, (2008). First manual localizations of microseismicity in the southeastern Aegean using data of the EGELADOS network, *Geophysical Research Abstracts*, Vol. 10, EGU2008-A-02232, **EGU General Assembly 2008**, Vienna-Austria.
- [11] Fischer, K. D., Bischoff, M.; Meier, T. and the EGELADOS working group (2008). The 2006 Kythira (Greece) Earthquake: Observing and modelling sub-millimetre Deformations, *Geophysical Research Abstracts*, Vol. 10, EGU2008-A-09002, **EGU General Assembly 2008**, Vienna-Austria.
- [12] Schmidt, A., Friederich, W., Meier, T. and the EGELADOS working group (2008). Extraction of the Green's function from ambient noise in the Hellenic Subduction Zone using EGELADOS data, *Geophysical Research Abstracts*, Vol. 10, EGU2008-A-09561, **EGU General Assembly 2008**, Vienna-Austria.
- [13] Evangelidis, C. P., Melis, N. S., Konstantinou, K. I., Liang, W.-T. and the EGELADOS working group (2008). SKS splitting measurements and shear wave anisotropy in the upper mantle beneath the Aegean, *Geophysical Research Abstracts*, Vol. 10, EGU2008-A-07755, **EGU General Assembly 2008**, Vienna-Austria.
- ★ [14] Bayrakci, G., Laigle, M., Becel, A., Hirn, A.; Sapin, M., Shimamura, H., Murai, Y.; **Taymaz, T.**, Özalaybey, S. (2008). Approach to the complex 3D upper-crustal seismic structure by artificial sources tomography on a grid of OBS in the Sea of Marmara, *Geophysical Research Abstracts*, Vol. 10, EGU2008-A-10133, **EGU General Assembly 2008**, Vienna-Austria.
- [15] Hensch, M., Dahm, T., Hort, M., Dehghani, A., Hübscher, C. and the EGELADOS working group, (2008). First Results of the Ocean-Bottom Seismometer and Tiltmeter Experiment at Columbo Submarine Volcano (Aegean Sea, Greece), *Geophysical Research Abstracts*, Vol. 10, EGU2008-A-02760, **EGU General Assembly 2008**, Vienna-Austria.
- [16] Becel, A., Laigle, M. and / for the SEISMARMARA Leg 1 Team (2008). Deep Basins, Crustal Architecture, Moho, and Deep Deformation under the North Marmara Trough, from the Seismarmara Leg 1 MCS and Refraction Seismic Survey, *Geophysical Research Abstracts*, Vol. 10, EGU2008-A-09102, **EGU General Assembly 2008**, Vienna-Austria.
- [17] **Tuncay Taymaz** and Seda Yolsal (2008). Earthquake Source Mechanism Parameters in the Eastern Mediterranean Region and Historical Tsunami Simulations, *Dokuz Eylül University, Institute of Marine Sciences and Technology, İzmir-Turkey*, 1 April 2008 (in Turkish, **invited seminar talk**).
- [18] **Tuncay Taymaz** and Seda Yolsal (2008). Active Tectonics of the Eastern Mediterranean Region: International EGELADOS Project and Historical Tsunami Simulations, Department of Geological Engineering, Pamukkale University, Denizli-Turkey, 22 May 2008 (in Turkish, **invited seminar talk**).
- [19] Fischer, K., Bischoff, M., Meier, T. and the EGELADOS working group (2008). Observing and Modelling Sub-Milimetre Deformations after the 2006 Mw=6.7 Kythira Earthquake (Greece),

| 2007 |

★ |1| Taymaz, T., Yolsal, S., Tok, H.E. and the EGELADOS working group (2007). Source Rupture Processes of Mw 6.7 Kytheria Earthquake of January 8, 2006 and Synthesis of International EGELADOS and COLUMBOS Projects: Active Tectonics of the Aegean Sea, **European Geosciences Union (EGU) General Assembly 2007**, Geophysical Research Abstracts, Vol. 9, Article No: EGU2007-A-02160, Vienna-Austria, 15-20 April 2007.

★ |2| Yolsal, S., Taymaz, T. and Yalçiner, A.C. (2007). Source Characteristics of Earthquakes along the Hellenic and Cyprus Arcs and Simulation of Historical Tsunamis, **European Geosciences Union (EGU) General Assembly 2007**, Geophysical Research Abstracts, Vol. 9, Article No: EGU2007-A-02306, Vienna-Austria, 15-20 April 2007.

|3| Yolsal, S., and Taymaz, T. (2007). Source mechanism and rupture histories of the recent Gulf of Gökova and Sığacık Bay earthquakes, **European Geosciences Union (EGU) General Assembly 2007**, Geophysical Research Abstracts, Vol. 9, EGU2007-A-01776, Vienna, Austria, 15-20 April 2007.

|4| Irmak, T.S., Taymaz, T. and Özer, M.F. (2007). Asperities and Barriers Map of Colfiorito Area in Italy during 1997–1998 Umbria-Marche Sequence Inferred from Teleseismic Body Waveform Inversion, **European Geosciences Union (EGU) General Assembly 2007**, Geophysical Research Abstracts, Vol. 9, Article No: EGU2007-A-11133, Vienna-Austria, 15-20 April 2007.

★ |5| Meier, T.; Friederich, W.; Papazachos, C.; Taymaz, T., Kind, R. (2007). EGELADOS: A Temporary Amphibian Broadband Seismic Network in the Southern Aegean, **European Geosciences Union (EGU) General Assembly 2007**, Geophysical Research Abstracts, Vol. 9, Article No: EGU2007-A-09020, Vienna-Austria, 15-20 April 2007.

★ |6| Ventouzi, Ch., Bruestle, A., Fischer, K.D., Kueperkoch, L., Taymaz, T., Meier, T., Friederich, W., Papazachos, C., Stavrakakis G. and the EGELADOS working group (2007). Investigations on the Kythira-Earthquake (SW Aegean Sea) on 8 January 2006 using the EGELADOS-Network, **European Geosciences Union (EGU) General Assembly 2007**, Geophysical Research Abstracts, Vol. 9, Article No: EGU2007-A-07086, Vienna-Austria, 15-20 April 2007.

★ |7| Hensch, M.; Hübscher, C.; Dehghani, A.; Dahm, T.; Hort, M.; Dimitriadis, I.; Taymaz, T. (2007). Volcanic Hazard Risk Assessment of Columbo Seamount (Aegean Sea, Greece), **European Geosciences Union (EGU) General Assembly 2007**, Geophysical Research Abstracts, Vol. 9, Article No: EGU2007-A-04003, Vienna-Austria, 15-20 April 2007.

★ |8| Taymaz, T., Yolsal, S., and Yalçiner, A.C. (2007). Potential Source Regions and Understanding Tsunami Prone Mechanisms in the Eastern Mediterranean, **International Symposium on Subduction Dynamics—Bridging the Scales**, pp. 80-81, Sprockhövel, Germany, 29 May–01 June 2007 (invited participant and key-note speaker).

★ |9| Yolsal, S. and **Taymaz, T.** (2007). Source Parameters and Rupture Histories of Recent Earthquakes Along the Hellenic and Cyprus Arcs Obtained From Teleseismic Body Waveform Inversion, *International Symposium on Subduction Dynamics—Bridging the Scales*, pp. 84, Sprockhövel, Germany, 29 May–01 June 2007 (invited key-note speaker).

|10| Brüstle, A., Schmidt, A., Legendre, C., Meier, T., Friedrich, W., and the EGELADOS working group (2007). Investigations of Analogue Waveforms of the Amorgos Earthquake (Ms=7.4, S. Aegean Sea) in July 1956, *International Symposium on Subduction Dynamics-Bridging the Scales*, pp. 99-100, Sprockhövel, Germany, 29 May – 01 June 2007.

|11| Brüstle, A., Rische, M., Friedrich, W., Meier, T., and the EGELADOS working group (2007). The EGELADOS Project – A Seismological Broadband Network, in the Southern Aegean Sea, *International Symposium on Subduction Dynamics-Bridging the Scales*, pp. 101-102, Sprockhövel, Germany, 29 May – 01 June 2007.

★ |12| Brüstle, A., Ventouzi, C., Fischer, K.D., Küperkoch, L., **Taymaz, T.**, Meier, T., Friedrich, W., Papazachos, C., Stavrakakis, G., and the EGELADOS working group (2007). Investigations on the Kythera Earthquake (SW Aegean Sea) on January 8, 2006 using the EGELADOS network, *International Symposium on Subduction Dynamics-Bridging the Scales*, pp. 103-104, Sprockhövel, Germany, 29 May – 01 June 2007 (invited key-note).

|13| Schmidt, A., Brüstle, A., Friedrich, W., Meier, T., Schmidt-Aursch, M., and the EGELADOS working group (2007). A network of Ocean Bottom Seismographs (OBS) in the southern Aegean, *International Symposium on Subduction Dynamics-Bridging the Scales*, pp. 175-176, Sprockhövel, Germany, 29 May – 01 June 2007.

★ |14| Andrea Brüstle, Chrissa Ventouzi, Kasper D. Fischer, Ludger Kueperkoch, **Tuncay Taymaz**, Thomas Meier, Wolfgang Friederich, Costas Papazachos, George Stavrakakis, and the EGELADOS Working Group Members (2007). Investigations on the Kythira earthquake (SW Aegean Sea) on January 8, 2006 using the EGELADOS Network, *International Symposium on Subduction Dynamics-Bridging the Scales*, pp. 103-104, Sprockhövel, Germany, 29 May – 01 June 2007.

|15| Paradisopoulou, P. M., Papadimitriou, E. E., Karakostas, V. G., **Taymaz, T.** and Kiliyas, A. (2007). Seismic Hazard Evaluation in Western Turkey, *International Union of Geodesy and Geophysics (IUGG), XXIV General Assembly, IASPEI-Seismology Session: SS005*, Article No: 6393, Perugia, Italy, July 2–13, 2007.

|16| Yolsal, S., **Taymaz, T.**, and Yalçiner, A.C. (2007). Historical Tsunamis, Potential Source Regions and Tsunami Simulations in the Eastern Mediterranean Region, *International Earthquake Symposium Kocaeli 2007*, Kocaeli, Turkey, October 22-26, 2007.

|17| Yolsal, S., **Taymaz, T.**, and Yalçiner, A.C. (2007). Earthquake Source Mechanisms Parameters Along Hellenic-Cyprus Arcs, and Simulations of Associated Historical Tsunamis, **6th National Symposium on Coastal Engineering**, Book of Abstracts, pp. 509-516, TMMOB-Chamber of Civil Engineers of Turkey, Izmir-Turkey, 25-28 October 2007 (in Turkish, **invited key-note talk**).

| 2006 |

★ |1| **Taymaz, T.** (2006). Active Tectonics of the Aegean Region: Source Mechanisms of Recent Earthquakes that Occurred during EGELADOS Experiment, **2nd EGELADOS Workshop, Ruhr Universitaet Bochum**, Germany, August 30 – 31, 2006 (**invited key-note talk**).

|2| Theilen-Willige, B., Wenzel, H. and **Taymaz, T.** (2006). Identification of Natural Disaster Risk Sites by Remote Sensing and GIS Methods, **17th International Geophysical Congress and Exhibition of Turkey**, Abstract Book: pp, November 14-17, 2006, Ankara-Turkey (**invited key-note speaker**).

★ |3| Theilen-Willige, B. and **Taymaz, T.** (2006). Remote sensing and GIS contribution to tsunami risk sites detection of coastal areas in the Mediterranean, **Third International Early Warning Conference (EWC3)**, Ministry of Foreign Affairs, Federal Republic of Germany, March 27-29, 2006, Bonn, Germany (**invited key-note speaker**).

★ |4| Theilen-Willige, B. and **Taymaz, T.** (2006). Tsunami Risk Sites Detection by Remote Sensing and GIS Methods, **5th International Symposium on Turkish-German Geodetic-Days**, SS-6.2: On Disaster Management, Extended Abstracts Book, pp 1-7, March 28-31, 2006, Berlin, Germany.

|5| Theilen-Willige, B., Wenzel, H. and **Taymaz, T.** (2006). Remote Sensing and Geographic Information System (GIS) Technologies for Natural Hazard Risk Site Detection, **17th International Geophysical Congress and Exhibition of Turkey**, Abstract Book: 3A-1, pp. 1-7, November 14-17, 2006, Ankara, Turkey (**invited key-note speaker**).

|6| Örgülü, G., Yolsal, S., **Taymaz, T.**, Aktar, M. and Huang, B.S. (2006). Rupture Analysis of December 10, 2003 Chengkung, Taiwan Earthquake (Mw 6.5) Based on Teleseismic and Strong-Motion Data Sets, In: **First European Conference on Earthquake Engineering and Seismology, 30th General Assembly of the European Seismological Commission**, SC-C1: Earthquake Source Complexity: From Geology Through Kinematic and Dynamic Models to Realistic Ground Motion Simulations, ID: 1742, p. 453, 3-8 September 2006, Geneva, Switzerland.

|7| Yolsal, S. and **Taymaz, T.** (2006). Source parameters and rupture histories of the earthquakes occurred along the Cyprus-Hellenic arcs and Dead Sea Transform Fault. *Ecole Doctorale Des Sciences De La Terre Institut de Physique du Globe de Paris (IPGP)*, **Congres Des Doctorants**, 24-27 April 2006, p.4, Paris, France (**invited participant and key-note speaker**).

★ |8| **Taymaz, T.** (2006). Active Tectonics of the Eastern Mediterranean Region: Source and Rupture Processes of Recent Earthquakes, **Internal Seminar at GeoForschungZentrum (GFZ)**, Albert Einstein Science Park, Potsdam, Germany, 25 July 2006 (**invited key-note seminar**).

[9] Yolsal, S., and **Taymaz, T.** (2006). Source Rupture Properties of Recent Earthquakes in Sığacık Bay (western Turkey) and Seismotectonics Implications, *17th International Geophysical Congress and Exhibition of Turkey*, Abstract Book:P5-6, pp. 54-55, November 14-17, 2006, Ankara, Turkey.

[10] **Taymaz, T.**, Yolsal, S., and members of working group (2006). Active tectonics of the Aegean Sea: Source Rupture Processes of Recent Earthquakes and Synthesis of the International EGELADOS and COLOMBUS Projects, *Active Tectonics Research Group: ATAG-10 Meeting*, Abstract No: SS56, pp. 88-89, Dokuz Eylül University, November 2–4, 2006, Seferihisar, İzmir, Turkey (in Turkish, **Invited Plenary Key-Note Talk**).

| 2005 |

[1] **Tuncay Taymaz**, Onur Tan and Seda Yolsal (2005). Active Tectonics of Turkey, Caucasus and Surroundings: A Synthesis of Source Parameters and Rupture Histories of Recent Earthquakes, *Alexander von Humboldt-Stiftung: Humboldt-Regional-Kolleg*, Tbilisi, Georgia, 24–26 October, 2005.

[2] **Tuncay Taymaz** (2005). Recent Devastating Earthquakes in Turkey and Active Tectonics of the Aegean and Marmara Seas NATO–Advanced Research Workshop (ARW): Earthquake Monitoring and Seismic Hazard Mitigation in Balkan Countries, Extended Abstracts Book p. 84-91, Borovetz, Bulgaria, September 11–18, 2005 (**Invited Participant and Key-Note Speaker**).

[3] **Tuncay Taymaz** (2005). *95th DAHLEM Workshop on The Dynamics of Fault Zones*, Special Session on Nucleation and Growth of Fault Systems, Freie Universitaet Berlin, Germany, January 16–21, 2005 (**Invited Participant and Group Member**).

[4] **Taymaz, T.**, Tan, O. and Yolsal, S. (2005). Rupture Processes of Northern Sumatra (Indonesia) Earthquake of December 26, 2004 and Tsunami Generation, *Istanbul Technical University, The Faculty of Mines, Department of Geophysical Engineering*, 23 February 2005 (in Turkish, **internal seminar**).

[5] **Taymaz, T.**, Tan, O. and Yolsal, S. (2005). Rupture Processes of Northern Sumatra (Indonesia) Earthquake of December 26, 2004 and Tsunami Generation, *Middle East Technical University (METU), Culture and Congress Centre, Hall : A*, Ankara – Turkey, 3 March 2005 (**invited seminar talk**).

[6] **Taymaz, T.**, Tan, O. and Yolsal, S. (2005). Active Faulting and Continental Deformation in the Eastern Mediterranean Region: Recent Destructive Earthquakes of Turkey, *Koç University Science and Math Seminar*, Istanbul – Turkey, 17 March 2005 (**invited seminar talk**).

[7] **Taymaz, T.** (2005). On Sumatra Earthquake (Mw 9.1) of December 24, 2004: Source Rupture Process and Slip Distribution Modelling and Tsunami Generation, *Boğaziçi University, Department of Physics*, Istanbul – Turkey, 23 March 2005 (**invited seminar talk**).

[8] **Taymaz, T.**, Tan, O. and Yolsal, S. (2005). Recent Devastating Earthquakes in Turkey and Active Tectonics of the Aegean and Marmara Seas, *NATO–Advanced Research Workshop (ARW): Earthquake Monitoring and Seismic Hazard Mitigation in Balkan Countries*, Extended Abstracts Book, pp. 84-91,

[9] Yolsal, S., Tan, O. and **Taymaz, T.** (2005). Source Mechanism and Rupture Histories of the Gulf of Gökova Earthquakes Occured during 1989-2005, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p. 125, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

[10] Tan, O., Yolsal, S. and **Taymaz, T.** (2005). Source Rupture Properties of Earthquake in the Lake Districts Region (SW Turkey) Obtained From Body Waveform Inversion, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p. 126, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

[11] Çağlar, İ., Yolsal, S., Avşar, Ü., Tan, O., Tuncer, V., Türkoğlu, E. and **Taymaz, T.** (2005). Interpretation of Geophysical Structure of the Isparta Angle Tectonic Zone (SW Anatolia) Based on Magnetotelluric and Seismological Data, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p.128, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

[12] Yolsal, S., Tan, O. and **Taymaz, T.** (2005). Active Tectonics of the Dead Sea Transform Fault and Palmyrides: Source Mechanism Parameters of Recent Earthquakes, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p. 137, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

[13] **Taymaz, T.**, Tan, O. and Yolsal, S. (2005). Northern Sumatra (Indonesia) Earthquake of December 26, 2004: Source Rupture Processes and Slip Distribution Modelling, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p.235, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

[14] Yalçiner, A.C., **Taymaz, T.**, Tan, O., Yolsal, S., Özer, C., Karakuş, H., Şafak, İ., Özyurt, G. and Kuran, U. (2005). Modeling on Generation and Propagation of December 26, 2004 Northern Sumatra (Indian Ocean) Tsunami, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p.236, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

[15] Yolsal, S., and **Taymaz, T.** (2005). Potential Source Regions of Earthquake Triggered Tsunamis Along the Hellenic and Cyprus arcs, Eastern Mediterranean, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p. 240, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

[16] Tan, O. and **Taymaz, T.** (2005). Source Parameters and Rupture Histories of Earthquakes in the Caucasus Region Obtained from Body Waveform Inversion, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p. 134, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

|17| Tan, O. and **Taymaz, T.** (2005). Source Rupture Properties of Earthquakes in the Eastern Anatolia Obtained from Body Waveform Inversion. *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p. 135, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

|18| Tan, O. and **Taymaz, T.** (2005). Source Scaling Properties and Self-Similarity of the Earthquakes Occurred in the Eurasia-Arabia Collision Zone, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p. 136, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

|19| Becel, A., Philippe, C., De Voogd B., Audrey, G., Hirn, A., Mireille, L., Lepine, J.C., Yoshio, M., Özalaybey, S., Sapin, M., Shimamura, H., Singh, S., **Taymaz, T.** (2005). Seismic Structure and Activity of the North Anatolian Fault in the Sea of Marmara from the SEISMARMARA Leg1 Seismic Survey, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p. 90, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

|20| Irmak, T.S., **Taymaz, T.** and Özer, M.F., (2005). Source Parameters and Rupture Histories of the Recent Destructive Earthquakes of Northern Africa, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p. 144, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

|21| Irmak, T.S., **Taymaz, T.** and Özer, M.F., (2005). Source Parameters and Rupture Histories of the Recent Destructive Earthquakes of Azores Islands, *International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean*, Abstracts Book, p. 145, Kadir Has University, Cibali Campus, İstanbul, Turkey, 15-18 June 2005.

|22| J.-X. Dessa, H. Carton, S. C. Singh, A. Becel, S. Cetin, P. Charvis, A. Hirn, M. Laigle, J.-C. Lépine, Y. Murai, S. Ozalaybey, H. Shimamura, O. Tan, **T. Taymaz** and S. Yolsal, (2005). 3-D Tomography of the Çınarcık Basin (Marmara Sea, Turkey) from Ocean Bottom Recording of Dense Seismic, *European Geosciences Union (EGU) General Assembly 2005, Geophysical Research Abstracts*, Vol. 7, 08303, SRef-ID: 1607-7962/gra/EGU05-A-08303.

|23| Yolsal, S., Kılınç, H., Çağlar, İ. and **Taymaz, T.** (2005). The Relationship Between Heat Flow Regime and Active Tectonics Inferred from Seismological Data in Western Anatolia, *Proceedings of World Geothermal Congress 2005*, Extended Abstracts Book: p.7, Antalya, Turkey 24-29 April 2005.

| 2004 |

|1| Tuncay Taymaz, Onur Tan and Seda Yolsal (2004). Active Tectonics of Turkey and Surroundings: Seismic Risk in the Marmara Sea Region, *In* Fujii, N., Kasahara, J., Higashihara, H., and Ogawa, K. (Eds.), *The Proceedings of 1st International Workshop on Active Monitoring in the Solid Earth Geophysics (IWAM04)*, Task Group for Active Monitoring, Extended Abstracts Book: p. 110-115, Mizunami City Culture Center, Gifu, Japan, June 30–July 3, 2004 (**Invited Participant and Key-Note**).

|2| Tuncay Taymaz, Onur Tan and Seda Yolsal (2004). Active Tectonics of Turkey and Surroundings: Seismic Risk in the Sea of Marmara and Its Hinterland, *YÜCEL YILMAZ WORKSHOP ON GEOLOGY OF TURKEY*, Çanakkale Onsekiz Mart University, Troya Culture Center, Çanakkale, Turkey, 8 –9 October 2004 (**Invited Participant and Key-Note-Speaker**).

|3| Tuncay Taymaz, Onur Tan and Seda Yolsal (2004). Seismotectonics of Western Turkey: A Synthesis of Source Parameters and Rupture Histories of Recent Earthquakes, *Session T14: Convergent Plate Tectonics of the Mediterranean Region*, American Geophysical Union (AGU), *EOS Transactions*, 85 (47), Fall Meeting Suppl., Abstract T53B-0481: p.408, Moscone Convention Center, SanFrancisco, California, USA, December 13–17, 2004.

|4| Seda Yolsal and Tuncay Taymaz (2004). Seismotectonics of the Cyprus Arc and Dead-Sea Fault Zone: Eastern Mediterranean, *Session T14: Convergent Plate Tectonics of the Mediterranean*, American Geophysical Union (AGU), *EOS Transactions*, 85 (47), Fall Meeting Suppl., Abstract T52B-06: p.389, Moscone Convention Center, SanFrancisco,California, USA, December 13–17, 2004.

|5| Onur Tan and Tuncay Taymaz (2004). Seismotectonics of the Caucasus and Surrounding Regions: Source Parameters and Rupture Histories of Recent Destructive Earthquakes, *Session T14: Convergent Plate Tectonics of the Mediterranean Region*, American Geophysical Union (AGU), *EOS Transactions*, 85 (47), Fall Meeting Suppl., Abstract T53B-0479: p. 408., Moscone Convention Center, SanFrancisco-California, USA, December 13–17, 2004.

|6| Anne Becel, Philippe Charvis, Beatrice de Voogd, Audrey Galve, Alfred Hirn, Mireille Laigle, Jean-Claude Lepine, Yoshio Murai, Serdar Özalaybey, Martine Sapin, Hideki Shimamura, Satish Singh and Tuncay Taymaz (2004). Seismic Structure and Activity of the North Anatolian Fault in the Sea of Marmara from the SEISMARMARA Leg1 Seismic Survey *Session T14: Convergent Plate Tectonics of the Mediterranean Region*, American Geophysical Union (AGU), *EOS Transactions*, 85 (47), p. 388, Fall Meeting Suppl., Moscone Convention Center, SanFrancisco, California, USA, December 13–17, 2004.

|7| Tuncay Taymaz, Onur Tan and Seda Yolsal (2004). Active Tectonics of Turkey and Surroundings: A Synthesis of Source Parameters and Rupture Histories of Recent Earthquakes, Geological Society of America *Abstracts with Programs*, Session No. 19: Neotectonics and Earthquake Potential of the Eastern Mediterranean Region, *EOS Transactions*, Vol. 36 (5), p. 51, Colorado Convention Center, Denver, Colorado, USA, November 7–10, 2004 (**Invited Participant and Key-Note-Speaker**).

| 2003 |

|1| Taymaz, T. (2003). Seismotectonics of the Eastern Mediterranean: Source Mechanisms and Rupture Histories of Recent Large Earthquakes, *Workshop on Mathematical Methods in Geosciences*, *Kaiserslautern Technische Universitaet*, December, 17– 20, 2003, Germany (**Invited Key-Note**).

|2| Taymaz, T. and Tan, O. (2003). Seismotectonics of East Anatolian Fault Zone (EAFZ) and Surroundings: Source Mechanisms and Rupture Histories of January 27, 2003 (Mw=6.0) Pülümür and

May 1, 2003 (Mw=6.3) Bingöl Earthquakes, *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in Paleoseismology*, Abstract Book, p. 161, Middle East Technical University (METU), 31 August - 12 September 2003, Ankara, Turkey (**Invited Key-Note**).

[3] Taymaz, T. and Tan, O. (2003). Seismotectonics of Saros Bay (NW Turkey) and Surroundings: Source Parameters and Rupture History of July 6, 2003 (Mw=5.7) Saros Earthquake, *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in Paleoseismology*, Abstract Book, p. 83, Middle East Technical University (METU), 31 August - 12 September 2003, Ankara, Turkey.

[4] Yolsal, S. and Taymaz, T. (2003). Earthquake Source Mechanism Parameters and Seismotectonics of Cyprus Arc and Dead Sea Fault Zone: The Eastern Mediterranean Region, *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in Paleoseismology*, Abstract Book, p. 119, Middle East Technical University (METU), 31 August - 12 September 2003, Ankara, Turkey (**Invited Key-Note**).

[5] Sato, T., Kasahara, J., Taymaz, T., Masakazu, I., Kamimura, A., Hayakawa, T. and Tan, O. (2003). A study of Microearthquake Seismicity and Focal Mechanisms within the Sea of Marmara (NW Turkey) by using Ocean Bottom Seismometers (OBSs), *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in Paleoseismology*, Abstract Book, p. 43, Middle East Technical University (METU), 31 August - 12 September 2003, Ankara, Turkey.

[6] Tan, O. and Taymaz, T. (2003). Source Parameters of November 20, 1994 and December 24, 1996 Palmyra (Syria) Earthquakes and Analogy to the Dead Sea Transform Fault Zone (DSTF), *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in Paleoseismology*, Abstract Book, p. 118, Middle East Technical University (METU), 31 August - 12 September 2003, Ankara, Turkey.

[7] Tan, O. and Taymaz, T. (2003). Seismotectonics of Karaburun Peninsula and Kuşadası Gulf: Source Parameters of April 2, 1996 Kuşadası Gulf and April 10, 2003 Seferihisar (İzmir) Earthquakes, *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in Paleoseismology*, Abstract Book, p. 147, Middle East Technical University (METU), 31 August - 12 September 2003, Ankara, Turkey.

[8] Tan, O. and Taymaz, T. (2003). Seismotectonics of Eastern Anatolia at the Intersections of East and North Anatolian Fault Zones and Along the Caucasus: Source and Rupture Histories of the Recent Destructive Earthquakes, *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in*

Paleoseismology, Abstract Book, p. 160, Middle East Technical University (METU), 31 August - 12 September 2003, Ankara, Turkey.

[9] Hirn, A., Singh, S., Saatçılar, R., Laigle, M., Voogd, de B., **Taymaz, T.** et al. (2003). Elements of Structure at Crustal Scale Under the Sea of Marmara from Multichannel Seismics of the SEISMARMARA Survey, *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in Paleoseismology*, Abstract Book, p. 34, Middle East Technical University (METU), 31 August - 12 September 2003, Ankara, Turkey.

[10] Karabulut, H., Özalaybey, S., **Taymaz, T.**, Aktar, M., Kocaoğlu, A. and SEISMARMARA Group, (2003). A Tomographic Image of the Shallow Crustal Structure in the Eastern Marmara Region of Turkey, *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in Paleoseismology*, Abstract Book, p. 35, Middle East Technical University (METU), 31 August – 12 September 2003, Ankara, Turkey.

[11] Irmak, T.S., Özer, M.F., **Taymaz, T.** and Tan, O. (2003). Source Rupture Process of October 31, 2002 and November 1, 2002 Italy Earthquakes Inferred From Inversion of Teleseismic Body-waveforms, *EGS-AGU-EUG Joint Assembly, Geophysical Research Abstracts*, Vol: 5, 010303. Nice, France, 06-11 April 2003.

[12] Irmak, T.S., **Taymaz, T.**, Tan, O., Özer, M.F. and Kikuchi, M. (2003). Source and Rupture Process of the July 27, 1998 Adana (Turkey) Earthquake Inferred from Teleseismic Body Waveform Inversion, *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in Paleoseismology*, Abstract Book, p. 100, Middle East Technical University (METU), 31 August - 12 September 2003, Ankara, Turkey.

[13] Irmak, T.S., Özer, M.F., **Taymaz, T.** and Tan, O. (2003). Source and Rupture Process of October 31, 2002 and November 1, 2003 Italy Earthquakes Inferred from Teleseismic Body Waveform Inversion, *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in Paleoseismology*, Abstract Book, p. 134, Middle East Technical University (METU), 31 August - 12 September 2003, Ankara, Turkey.

[14] Irmak, T.S., **Taymaz, T.**, Tan, O. and Özer, M.F. (2003). Source and Rupture Process of the May 21, 2003 Northern Algeria Earthquake and Its Major Aftershocks Inferred from Teleseismic Body Waveform Inversion, *International Workshop on the North Anatolian, East Anatolian and Dead Sea Fault Systems: Recent Progress in Tectonics and Paleoseismology and Field Training Course in Paleoseismology*, Abstract Book, p. 135, Middle East Technical University (METU), 31 August - 12 September 2003, Ankara, Turkey.

[15] Shimamura, H., Bécel, A., Lépine, J., **Taymaz, T.** et al. (2003). Refraction and wide-angle reflection studies by use of MCS and OBS in Marmara Sea, NW Turkey (SEISMARMARA 2001), *The International Union of Geodesy and Geophysics (IUGG)*, XXIII General Assembly, Abstract No: P.IB460, June 30 – July 11, 2003 Sapporo, Japan.

[16] Hirn, A., Singh, S., Saatçılar, R., Laigle, M., Voogd, de B., **Taymaz, T.** et al., (2003). Elements of Structure at Crustal Scale Under the Sea of Marmara from Multichannel Seismics of the SEISMARMARA Survey, EGS-AGU-EUG Joint Assembly, Geophysical Research Abstracts, Vol: 5, 13126, Nice, France, 06-11 April 2003.

[17] Bécel, A., Shimamura, H., Lépine, J., **Taymaz, T.** et al. (2003). Refraction and wide-angle reflection, Examples of obs velocity and Depth-prolongation of Vertical- reflection in seismarmara. . EGS-AGU-EUG Joint Assembly, Geophysical Research Abstracts, Vol: 5, 11936, Nice, France, 06-11 April 2003.

[18] Saatçılar, R. and the SEISMARMARA team (2003). A marine deep multi-channel seismic Survey in the Sea of Marmara. EGS-AGU-EUG Joint Assembly, Nice, France, 06-11 April 2003, Geophysical Research Abstracts, Vol: 5, 12897.

[19] Yolsal, S. and **Taymaz, T.** (2003). Seismotectonics of the Cyprus Arc and Dead-Sea Region: Earthquake Source Mechanisms, *Kocaeli Earthquake Symposium*, Abstract Book: p. 9, Kocaeli, Turkey, 12-14 March 2003.

[20] Tan, O. and **Taymaz, T.** (2003). Active Tectonics of Eastern Anatolia and Caucasus and Surroundings: Earthquake Source Mechanisms, *Kocaeli Earthquake Symposium*, Abstract Book: p. 10, Kocaeli, Turkey, 12-14 March 2003.

[21] Tan, O. and **Taymaz, T.** (2003). *Source Mechanism of 27 January 2003 Mw=6.0, Pülümür Earthquake*, *Kocaeli Earthquake Symposium*, Abstract Book: p. 11, Kocaeli, Turkey, 12-14 March 2003.

| 2002 |

[1] **Taymaz, T.** (2002). Active Faulting and Continental Deformation in the Eastern Mediterranean Region: Recent Destructive Earthquakes of Turkey, *International Continental Drilling Project (ICDP), Japanese Ultra-Deep Drilling and Geo-Scientific Experiments (JUDGE) Workshop*, 13–18 November 2002, Chiba University, Tokyo, Japan (**Invited Speaker and Participant**).

[2] Singh, S., Hirn, A., De Voogd, B., ...**Taymaz, T.**, et al. (2002). 3D Geometry of the North Anatolian Fault System in the Çınarcık Basin: Preliminary Results (SEISMARMARA 2001), *EGS XXVII General Assembly*, EGS02-A-05634, SE4.03-1MO4A-002, Nice, France, April 2002.

[3] Hirn, A., Singh, S., Charvis, P.,**Taymaz, T.**, et al. (2002). SEISMARMARA 2001: A Marine Seismic Survey and Offshore-Onshore Artificial Source and Natural Earthquakes in the Seismogenic Region of

the Sea of Marmara, *EGS XXVII General Assembly*, EGS02-A-05479; SE4.03-1MO5P-031, Nice, France, April 2002.

[4] Hirn, A., Singh, S., **Taymaz, T.**, et al. (2002). Reflection-Seismic Images and Evolution at the Scale of the Crust and Active Faults of the Sea of Marmara Trough (SEISMARMARA 2001), *EGS XXVII General Assembly*, , EGS02-A-04792; SE4.03-1MO5P-035, Nice, France, April 2002.

[5] Alfred Hirn, Satish Singh **Tuncay Taymaz** et al. (2002). A Marine Seismic Survey and Offshore–Onshore Artificial Source and Natural Earthquakes in the Seismogenic Regions of the Sea of Marmara, *1st International Symposium of Istanbul Technical University the Faculty of Mines on Earth Sciences and Engineering*, Abstracts Book: SS-A-Oral, p. 9, Istanbul, Turkey, 16–18 May 2002.

[6] Alfred Hirn, Satish Singh **Tuncay Taymaz** et al. (2002). Reflection-Seismic Images and Evolution at the Scale of the Crust and Active Faults of the Sea of Marmara Trough (SEISMARMARA 2001), *1st International Symposium of Istanbul Technical University the Faculty of Mines on Earth Sciences and Engineering*, Abstracts Book: SS-A-Oral, p. 10, Istanbul, Turkey, 16–18 May 2002.

[7] Satish Singh, Alfred Hirn **Tuncay Taymaz** et al. (2002). 3D Geometry of the North Anatolian Fault System in the Çınarcık Basin: Preliminary Results (SEISMARMARA 2001), *1st International Symposium of Istanbul Technical University the Faculty of Mines on Earth Sciences and Engineering*, Abstracts Book: SS-A-Oral, p. 11, Istanbul, Turkey, 16–18 May 2002.

[8] Onur Tan and **Tuncay Taymaz** (2002). Source Parameters of Caucasian, Caspian and Talesh Earthquakes Obtained From Inversion of Teleseismic P- and SH- Body-Waveforms, *1st International Symposium of Istanbul Technical University the Faculty of Mines on Earth Sciences and Engineering*, Abstracts Book: SS-B-Oral, p. 49, Istanbul, Turkey, 16–18 May 2002.

[9] **Tuncay Taymaz**, Toshinori Sato, Junzo Kasahara, Alfred Hirn, M. Ito, Aya Kamimura, Tadaki Hayakawa and Onur Tan (2002). Investigations of Micro–Earthquake Activity Within the Sea of Marmara and Surrounding Regions by Using Ocean Bottom Seismometers (OBS) and Land Seismographs, *1st International Symposium of Istanbul Technical University the Faculty of Mines on Earth Sciences and Engineering*, Abstracts Book: SS-B-Oral, p. 53, Istanbul, Turkey, 16–18 May 2002.

[10] Hayrullah Karabulut, Serdar Özalaybey, **Tuncay Taymaz** et al., (2002). Crustal Velocity Structure of the Marmara Sea Region from Wide Angle Seismic Reflection Data Acquired During SEISMARMARA 2001 Experiment, *1st International Symposium of Istanbul Technical University the Faculty of Mines on Earth Sciences and Engineering*, Abstracts Book: SS-B-Oral, p. 54, Istanbul, Turkey, 16–18 May 2002,

[11] **Tuncay Taymaz**, Onur Tan, Serdar Özalaybey and Hayrullah Karabulut (2002). Source Characteristics of February 3, 2002 Çay–Sultandağı Earthquake ($M_w=6.5$) Sequence in SW Turkey: A Synthesis of Seismological Observations Body-Waveforms, Strong Motion, and Aftershock Seismicity Survey Data, *1st International Symposium of Istanbul Technical University the Faculty of Mines on Earth Sciences and Engineering*, , Abstracts Book: SS-B-Oral, p. 60, Istanbul, Turkey, 16–18 May 2002.

|12| Tuncay Taymaz, Tim Wright, Onur Tan, Eric Fielding and Gürol Seyitoğlu (2002). Source Characteristics of $M_w=6.0$ June 6, 2000 Orta-Çankırı (Central Turkey) Earthquake: A Synthesis of Seismological, Geological and Geodetic (InSAR) Observations, and Internal Deformation of Anatolian Plate, *1st International Symposium of Istanbul Technical University the Faculty of Mines on Earth Sciences and Engineering*, Abstracts Book: SS-B-Oral, p. 63, Istanbul, Turkey, 16–18 May 2002.

|13| Onur Tan and Tuncay Taymaz (2002). Source Parameters of November 6, 1992 Doğanbey-Izmir ($M_w=6.0$, Western Turkey) and November 15, 2000 Van ($M_w=5.7$, Eastern Turkey) Earthquakes, *1st International Symposium of Istanbul Technical University the Faculty of Mines on Earth Sciences and Engineering*, Abstracts Book: SS-B-Poster, p. 70, Istanbul, Turkey, 16–18 May 2002.

|14| Seda Yolsal and Tuncay Taymaz (2002). Source Parameters of the Cyprean Earthquakes Obtained From Inversion of Teleseismic P– and SH– Body-Waveforms, *1st International Symposium of Istanbul Technical University the Faculty of Mines on Earth Sciences and Engineering*, Abstract Book: SS-B-Poster, p. 71, Istanbul, Turkey, 16–18 May 2002.

|15| Toshinori, Sato, Junzo Kasahara, Tuncay Taymaz, Alfred Hirn, Masakazu Ito, Aya Kamimura, and Tadaaki Hayakawa (2002). Seismic Observations at the Marmara Sea, (NW Turkey) Using Ocean Bottom Seismometers, *Annual Meeting of Japanese Geophysical Society: Japan Earth and Planetary Sciences Joint Meeting*, Abstracts Book: S041-P016, Tokyo, Japan, May 27–31, 2002.

|16| Tuncay Taymaz (2002). Active Faulting and Continental Deformation in the Eastern Mediterranean Region: Recent Destructive Earthquakes of Turkey, *International Continental Drilling Project (ICDP), Japanese Ultra-Deep Drilling and Geo-Scientific Experiments (JUDGE) Workshop*, Chiba University, Tokyo, Japan, 13–18 November 2002 (**Invited Speaker**).

| 2001 |

|1| Tuncay Taymaz, Junzo Kasahara, Alfred Hirn, and Toshinori Sato (2001). Investigations of Micro-Earthquake Activity within the Sea of Marmara and Surrounding Regions by using Ocean Bottom Seismometers (OBS) and Land Seismographs: Initial Results, *Scientific Activities 2001 Symposia Extended Abstracts Book*, pp. 42–51, Istanbul Technical University, Faculty of Mines, May 8, 2001, ATLAS DBR-Offset Printing House, Istanbul-Turkey, 113 pages, ISBN 975-97518-0-1.

|2| Tuncay Taymaz and Onur Tan (2001). Source Parameters of June 6, 2000 Orta-Çankırı ($M_w=6.0$) and December 15, 2000 Sultandağ-Akşehir ($M_w=6.0$) Earthquakes Obtained from Inversion of Teleseismic P- and SH- Body-Waveforms, *Scientific Activities 2001 Symposia Extended Abstracts Book*, pp. 96–107, Istanbul Technical University, Faculty of Mines, May 8, 2001, ATLAS DBR Press, Istanbul-Turkey, 113 pages, ISBN 975-97518-0-1.

|3| Sato, T, Kasahara, J, **Taymaz, T**, Hirn, A, Ito, M, Kamimura, A. and Hayakawa, T (2001). Seismic Observations at the Marmara Sea, Turkey Using Ocean Bottom Seismometers, *American Geophysical Union (AGU) Fall Meeting Suppl, EOS. Vol. 82 (47)*, San Francisco, California, U.S.A., December 2001.

| 2000 |

|1| Taymaz, T. (2000). Seismotectonics of the Marmara Region: Source Parameters of 1999 Gölcük-Sapanca-Düzce Earthquakes, *NATO–Advanced Research Seminar: Integration of Earth Sciences Research on the 1999 Turkish and Greek Earthquakes and Needs for Future Cooperative Research*, Abstracts Book: pp. 26-30, Istanbul-Turkey, May 14-17, 2000 (**Invited Key-Note**).

|2| Le Pichon, X., **Taymaz, T.** and Şengör, A.M.C (2000). Important Problems to be Solved in the Sea of Marmara (NW-Turkey). *NATO–Advanced Research Seminar: Integration of Earth Sciences Research on the 1999 Turkish and Greek Earthquakes and Needs for Future Cooperative Research*, Abstracts Book: pp. 66-67, Istanbul-Turkey, May 14-17, 2000 (**Invited Key-Note**).

|3| Taymaz, T. (2000). Seismotectonics of the Marmara Region: Source Parameters of 1999 Gölcük-Sapanca-Düzce Earthquakes, *BADSEM-2000: Symposium On Seismicity of Western Anatolia*, Abstract Book pp. 209-219, İzmir-Turkey, May 24-27, 2000 (**Invited Key-Note**).

|4| Taymaz, T., (2000). Seismotectonics of the Sea of Marmara and Surrounding Regions: Source Characteristics of 17 August 1999 Gölcük, 12 November 1999 Düzce and 6 June 2000 Orta (Çankırı) Earthquakes. *The Earthquakes of İzmit and Athens: One Year After*. National Seismological Observatory of Athens, Institute of Geodynamics, Athens-Greece, July 6-8, 2000 (**Invited Key-Note**).

|5| Le Pichon, X., **Taymaz, T.,** and Şengör, A.M.C., (2000). The Marmara Fault and the Future Marmara Sea Earthquake. *American Geophysical Union (AGU) Fall Meeting, S52C-10 INVITED*, EOS. Vol. 81 (48), P. F837. San Francisco, California, U.S.A, December 15-19, 2000 (**Invited Key-Note**).

| 1999 |

|1| Taymaz, T. (1999). Seismotectonics of the Marmara Region: Source Characteristics of 1999 Gölcük-Sapanca-Düzce Earthquakes. *Proceedings of ITU-IAHS, International Conference On The Kocaeli Earthquake 17 August 1999*, Abstract Book: pp. 55-78, Istanbul Technical University, Turkey, December 2-5, 1999, İstanbul, Turkey (**Invited Key-Note**).

|2| Le Pichon, X., **Taymaz, T.** and Şengör, A.M.C (1999). The Marmara Fault and The Future Istanbul Earthquake. *Proceedings of ITU-IAHS, International Conference On The Kocaeli Earthquake 17 August 1999*, Abstract Book: pp. 41-54, Istanbul Technical University, Istanbul, Turkey, December 2-5, 1999 (**Invited Key-Note**).

|3| Taymaz, T. (1999). On the Seismotectonics of the Eastern Mediterranean Region. *59th Jahrestagung der Deutschen Geophysikalischen Gesellschaft. S007*, Abstract Book: p. 163, Braunschweig-Germany, March 8-12, 1999.

[4] Taymaz T. (1999). Seismotectonics of the Eastern Anatolia: Source Parametres of Large Earthquakes Obtained From Inversion of Teleseismic Body-Waveforms. *24th General Assembly of European Geophysical Society (EGS), Solid Earth Geophysics Symposium – SE23: Advancements in the Physical Understanding of the Seismic Source Mechanics, Geophysical Research Abstracts (1999)*, Vol. 1, No. 1, P. 90, The Hague, The Netherlands, April 19-23, 1999.

[5] Taymaz, T., Tan, O. and Genç, T. (1999). Source Parametres of September 3, 1968 Bartin (SW-Black Sea) and October 5, 1977 (NAF) Kurşunlu Earthquakes Obtained From Inversion of Teleseismic Body-Waveforms, *24th General Assembly of European Geophysical Society (EGS). Solid Earth Geophysics Symposium – SE24: Recent Earthquakes: Source Parametres and Faulting Evidence, Geophysical Research Abstracts (1999)*, Vol. 1, No. 1, P. 94, The Hague, The Netherlands, April 19-23, 1999.

[6] Tan, O. and Taymaz, T. (1999). Source Parametres of July 16, 1963 and July 28, 1976 Caucasian Earthquakes Obtained From Inversion of Teleseismic Body-Waveforms, *24th General Assembly of European Geophysical Society (EGS), Solid Earth Geophysics Symposium – SE21: Tectonics, Kinematics and Dynamics of the Alpine-Mediterranean Collision Zone. Geophysical Research Abstracts (1999)*, Vol. 1, No. 1, P. 84, The Hague, The Netherlands, April 19-23, 1999.

[7] Taymaz, T. (1999). Seismotectonics of the Eastern Anatolia: Source Parametres of Large Earthquakes Obtained From Inversion of Teleseismic Body-Waveforms, *22nd General Assembly of International Union of Geodesy and Geophysics (IUGG), IASPEI-Symposia: Seismotectonics of Eurasia ST2/E/15-A4, Abstracts Book-A, P.A-161, The University of Birmingham, UK, July 19-30, 1999.*

[8] Tan, O. and Taymaz, T. (1999). Source Parametres of Caucasian Earthquakes. *22nd General Assembly of International Union of Geodesy and Geophysics (IUGG, IASPEI-Symposia: Seismotectonics of Eurasia ST2/E/14-A4. Abstracts Book-A, P.A-161, The University of Birmingham, UK, July 19-30, 1999.*

[9] Taymaz, T. and Tan, O. (1999). Source Parametres of September 3, 1968 Bartin (SW-Black Sea) and October 5, 1977 Kurşunlu (NAF) Earthquakes from Inversion of Teleseismic Body-Waveforms. *22nd General Assembly of International Union of Geodesy and Geophysics (IUGG), IASPEI-Symposia: Seismotectonics of Eurasia ST2/E/13-A5, Abstracts Book-A, P.A-169, The University of Birmingham, UK, July 19-30, 1999.*

[10] Taymaz, T. (1999). On the Seismotectonics of the Marmara Region and 17 August 1999 Gölcük Earthquake, *International Conference on Earthquake Hazard and Risk in the Mediterranean Region, Abstracts Book P. 18, Near East University, Nicosia, North Cyprus, October 18-22, 1999.*

[11] Taymaz, T. (1999). On the Source Characteristics of June 27, 1998 Adana-Ceyhan (SE-Turkey) Earthquake, *International Conference on Earthquake Hazard and Risk in the Mediterranean Region, Abstracts Book P. 106, Near East University, Nicosia, North Cyprus, October 18-22, 1999.*

|12| Taymaz, T. (1999). Seismotectonics of the Eastern Anatolia: Source Parametres of Large Earthquakes Obtained From Inversion of Teleseismic Body-Waveforms. *International Conference on Earthquake Hazard and Risk in the Mediterranean Region*, Abstracts Book P. 109, Near East University, Nicosia, North Cyprus, October 18-22, 1999 (**Invited Key-Note**).

|13| Tan, O. and Taymaz, T. (1999). Source Parametres of July 16, 1963 and July 28, 1976 Caucasian Earthquakes Obtained From Inversion of Teleseismic Body-Waveforms. *International Conference on Earthquake Hazard and Risk in the Mediterranean Region*, Abstracts Book P. 124, Near East University, Nicosia, North Cyprus, October 18-22, 1999.

|14| Taymaz, T. (1999). Seismotectonics of the Marmara Region: Source Characteristics of 17 August 1999 and 13 September 1999 Gölcük Earthquakes. *Active Tectonics Research Group – 3rd Meeting*, Abstracts Book P. 2, Cumhuriyet University, Sivas-Turkey, November 4-5, 1999 (**Invited Key-Note**).

|15| Taymaz, T. (1999). On the Seismotectonics of the Marmara Region and 17 August 1999 Gölcük Earthquake, *American Geophysical Union (AGU) Fall Meeting*, S12D-10, EOS. Vol. 80, No. 46, P. F664. San Francisco, California, U.S.A, 13-17 December, 1999 (**Invited Key-Note**).

| 1998 |

|1| Taymaz, T. (1998). On the Hellenic Trench Subduction Zone: Earthquake Source Mechanisms in the Hellenic Trench near Crete, *International Continental Drilling Programme (ICDP) – Workshop On Deep Drilling Project in the Fore-Arc of the Hellenic Arc-Crete*, P-9, Xania-Crete-Greece, October 15–19, 1998 (**Invited Key-Note**).

|2| Tan, O. and Taymaz, T. (1998). The Fault Plane Solutions of 16.07.1963 and 28.07.1976 Caucasian Earthquakes, *3rd International Turkish Geology Symposium: Work in Progress on the Geology of Turkey and Its Surroundings*. Abstract Book: p. 325, Middle East Technical University, Ankara-Turkey 31 August–4 September, 1998.

| 1997 |

|1| Taymaz, T. (1997). Seismotectonics of the Caribbean Region and Logging While Drilling Experiment on Barbados Accretionary Prism, *6th ECOD Workshop: Land–Ocean Linkages: Climate and Tectonics*, Sundvolden– Norway, May 22–25, 1997 (**Invited Participant and Key-Note**).

|2| Taymaz, T. (1997). Seismotectonics of the Eastern Mediterranean with an Emphasis on the Aegean and Eastern Anatolia, Society of Exploration Geophysicists (SEG), the European Association of Geoscientists and Engineers (EAGE): İstanbul’97 International Geophysical Conference & Exposition “Where the Continents Meet”, Abstract Book, p. 17, İstanbul–Turkey, July 7–10, 1997.

|3| Taymaz, T. (1997). Source Parameters of Large Earthquakes Obtained From Inversion of Teleseismic Body-Waveforms in the Eastern Mediterranean Region, *The 29th General Assembly of International Association of Seismology and Physics of the Earth's Interior (IASPEI)*, Symposia on Geodynamics of the Alpine-Mediterranean Collision Zone, S3–1025, 17, Thessaloniki–Greece, August 18–28, 1997 (**Invited Key-Note Speaker**).

| 1996 |

[1] Taymaz, T. (1996). On the Importance of National Seismographic Networks in Monitoring Earthquakes and Preventing Destructions, *Special Earthquake Symposium of Scientific and Technological Research Council of Turkey (TUBITAK)*, Abstracts Book: pp. 57–63, Ankara-Turkey, 15-16 February 1996 (**Invited Key-Note**, in Turkish).

[2] Taymaz, T. (1996). Seismotectonics of the Eastern Mediterranean with an Emphasis on the Aegean Region along with Prof. Xavier Le Pichon, *Collège de France–Annual Lectures*, Istanbul Technical University–The Faculty of Mines, Istanbul, Turkey, 4 March 1996 (**Invited Key-Note**).

[3] Taymaz, T. (1996). Seismotectonics of the Aegean Sea and Surrounding Regions: Fault Plane Solutions and Seismological Investigations Towards Crustal Structures, *Ministry of Foreign Affairs of Turkey*, Workshop-II, Kandilli Observatory–Boğaziçi University İstanbul, Turkey, 18–19 April 1996.

[4] Özer, M.F., Taymaz, T. and Kenar, Ö. (1996). An Investigation of the Moho Topography Beneath the Marmara (NW Turkey) Region from the Azimuthal Anomalies. *Workshop on the Marmara Sea, TÜBİTAK–National Marine Geology and Geophysics Programme*, İstanbul Technical University, Faculty of Mines, İstanbul, Turkey, 3 June 1996.

[5] Taymaz, T. (1996). Seismotectonics of the Eastern Mediterranean with an Emphasis on the Aegean Region, *International Symposium on Earthquake Research in Türkiye “State of the Art”*, TÜBİTAK, Abstract Book: p. 14, Ankara, Turkey, September 30 – October 5, 1996, (in Turkish, **Invited Key-Note Speaker**).

| 1995 |

[1] Saunders, P., Priestley, K., and Taymaz, T. (1995). The Crustal Structure of Western Turkey. European Union of Geosciences, EUG-8 OS12 (14P), Terra Abstracts, Supplement to Terra Nova, Vol. 7, No. 1, P357, Strasbourg-France, 9-13 April 1995.

[2] Taymaz, T. (1995). Seismotectonics of the Aegean Sea and Surrounding Regions: Fault Plane Solutions and Seismological Investigations Towards Crustal Structures, Ministry of Foreign Affairs of Turkey, Workshop-I, Istanbul Technical University - Faculty of Mines, Istanbul-Turkey, June 1995.

| 1991 |

[1] Taymaz, T., Jackson, J. and McKenzie, D. (1991). Active Tectonics of the North and Central Aegean Sea. European Union of Geosciences, EUG-VI-S25-35, Terra Abstracts, Vol. 3, No.1, Strasbourg-France, 24-28 March 1991.

| 1990 |

[1] **Taymaz, T.**, Jackson, J. and McKenzie, D. (1990). Active Tectonics of the North and Central Aegean Sea, American Geophysical Union (AGU) Fall Meeting, T42C-8, EOS. Vol. 71, No. 43, U.S.A, October 23 1990.

| 1989 |

[1] **Taymaz, T.**, (1989). Source Parameters of Large Earthquakes near Crete, European Union of Geosciences, EUG-V SY11c-11P, Terra Abstracts Vol. 1, No. 1, Strasbourg, France, 20-23 March 1989.

[2] **Taymaz, T.**, Eyidoğan, H. and Jackson, J. (1989). Large Earthquakes in the East Anatolian Fault Zone (Turkey), European Union of Geosciences, EUG-V SY11c-08, Terra Abstracts Vol: 1, No. 1, Strasbourg, France, 20-23 March 1989.

[3] **Taymaz, T.** (1989). Source Parameters of Large Earthquakes near Crete, The 25th General Assembly of International Association of Seismology and Physics of the Earth's Interior (IASPEI), S6-11, Istanbul, Turkey, August 21-September 1, 1989 (**Invited Key-Note**).

[4] **Taymaz, T.**, Eyidoğan, H. and Jackson, J. (1989). Large Earthquakes in the East Anatolian Fault Zone, The 25th General Assembly of International Association of Seismology and Physics of the Earth's Interior (IASPEI), S6-15, Istanbul, Turkey, August 21-September 1, 1989.

[5] **Taymaz, T.**, Eyidoğan, H. and Jackson, J. (1989). Large Earthquakes in the East Anatolian Fault Zone, 11th Annual Meeting of the Chamber of Geophysical Engineers of Turkey, Istanbul, Turkey, 18-22 September 1989.

V. CURRENT INTERNATIONAL AND NATIONAL SCIENTIFIC PROJECTS

★ [1] **Taymaz, T.**, Çubuk, Y. and Fichtner, A. (2013-2016). 3D Full Waveform Inversion for the Characterization of Earthquake Sources, **Financial Support:** National Scientific and Technological Research Council of Turkey (TÜBİTAK-BİDEP), Istanbul Technical University (İTÜ-FBE-BAP), Alexander von Humboldt (AvH) Foundation, ETH-Zurich, the Swiss Earthquake Service, and the Swiss National Supercomputing Center (CSCS).

★ [2] **Taymaz, T.**, Yolsal-Çevikbilen, S., Çubuk, Y., Saygin, E., Vanacore, E., Fichtner, A., Cupillard, P., Capdeville, Y., Trampert, J. (2009-2014). Multi-Scale Full Waveform Inversion for Europe and Western Asia with focus on the Anatolian Region by using High Resolution Seismic Imaging Adjoint Techniques. **Case studies:** (1) The Deep Structure of Continental Strike-Slip Faults – The North Anatolian Fault Zone, (2) Moho Structure of the Anatolian Plate from Receiver Function Analysis. **Financial Support:** National Scientific and Technological Council of Turkey (TÜBİTAK), Istanbul Technical University (İTÜ-FBE-BAP), Turkish Academy of Sciences (TÜBA), Alexander von Humboldt

(AvH) Foundation, The Netherlands Research Centre for Integrated Solid Earth Sciences under project number ISES-MD.5, Australian National University and the Australian Research Council through ARC Discovery Grants, the ANR mémé (ANR-10-Blanc-613), Numerous computations were done on the Huygens IBM p6 supercomputer at SARA Amsterdam sponsored by the National Computing Facilities Foundation (N.C.F.) under the project SH-161-09 supported by the Netherlands Organisation for Scientific Research (N.W.O.).

★ **[3] Taymaz, T.**, Yolsal-Çevikbilen, S., Çubuk, Y., Fielding, E.J., Lundgren, P.R., Owen, S.E., (2011-2014). Fault Slip Source Model for the 2011 M7.1 Van earthquake in Turkey from SAR Interferometry, Pixel Offset Tracking, GPS and Seismic Waveform Analysis. **Financial Support:** National Scientific and Technological Research Council of Turkey (TÜBİTAK), Istanbul Technical University (İTÜ-FBE-BAP), Turkish Academy of Sciences (TÜBA), Alexander von Humboldt (AvH) Foundation, NASA Earth Surface and Interior focus area (JPL-CalTech), AO PI project 2271 (Italian Space Agency), GEO Geohazards Supersite (ESA).

★ **[4] Taymaz, T.**, Yolsal-Çevikbilen, S., Çubuk, Y. and Yagi, Y. (2012-2014). Seismic Source Analysis: Theory and Application, **Financial Support:** National Scientific and Technological Research Council of Turkey (TÜBİTAK), Istanbul Technical University (İTÜ-FBE-BAP), Turkish Academy of Sciences (TÜBA), Alexander von Humboldt (AvH) Stiftung, National Science Foundation of Japan.

[5] Yolsal-Çevikbilen, S. and **Taymaz, T.** (2012— present). Seismic Anisotropy along the Cyprus Arc Obtained from Shear Wave (SKS) Splitting Analysis, Istanbul Technical University–Research Fund (İTÜ-BAP), Project No: 36113 (CO-PI: Dr. Seda Yolsal-Çevikbilen).

[6] Tuncay Taymaz (2012— present). Seismic Moment Tensor Inversion of the Devastating Earthquakes in Eastern Mediterranean Region by Using An Anisotropic Three-Dimensional (3-D) Structurel Model and Receiver Function Applications for the Anatolian Region, *PhD Thesis Research Fund* , Graduates School of Science and Technology, Istanbul Technical University (İTÜ-FBE-BAP).

[7] Yolsal-Çevikbilen, S., **Taymaz, T.**, Ulutaş, E. and Çubuk, Y. (2013). Earthquake Source Parameters, Fault-Slip Models and Numerical Tsunami Modeling Along the Active Subduction Zones, The Scientific and Technological Research Council of Turkey (TÜBİTAK), ÇAYDAG-1001 Project (*in review*).

VI. GRADUATE THESIS SUPERVISION

| PhD Thesis |

Tan, Onur (2004). Source Mechanism Properties and Rupture Histories of the Caucasian, Eastern Anatolian and North Western Iranian Earthquakes, *Ph.D. Thesis*, 308 pages, Istanbul Technical University, Graduate School of Science and Technology, İstanbul, Turkey, October 2004 (in Turkish).

- İrmak, T. Serkan (2005).** Source Mechanisms and Rupture Histories of Azores Islands, Northern Africa and Mid-Mediterranean Earthquakes, *Ph.D. Thesis*, 252 pages, Kocaeli University, Graduate School of Science and Technology, Kocaeli, Turkey (in Turkish).
- Yolsal, Seda (2008).** Source Mechanism Parameters and Slip Distributions of Crete-Cyprus Arcs, Dead Sea Transform Fault Earthquakes and Historical Tsunami Simulations, *Ph.D. Thesis*, 523 pages, Graduate School of Science and Technology (İTÜ-FBE), Istanbul Technical University, İstanbul, Turkey, 25 September 2008 (in Turkish).
- Çubuk, Yeşim (2012 – present).** Seismic Moment Tensor Inversion of the Devastating Earthquakes in Eastern Mediterranean Region with Using An Anisotropic Three-Dimensional (3-D) Structural Model and Receiver Function Applications for the Anatolian Region, *Ph.D. Thesis Project*, Graduate School of Science and Technology, Istanbul Technical University (İTÜ-FBE) İstanbul, Turkey (*continues*).
- Proposed Ph.D. Thesis Title:* Full Seismic Waveform Inversion for Earth Structure and Earthquake Source Parameters in the Sea of Marmara Region.
- | MSc Thesis |**
- Judith Confal (2015).** Exploring Lithospheric Kinematics beneath Hellenic-Subduction Zone by using Shear-Wave Splitting Analyses, *Master Thesis (M.Sc)*, Technische Universität Berlin, Fakultät VI, Institute – Angewandte Geowissenschaften, (*supervisors:* Prof.Dr. Tuncay Taymaz and Dr. Tuna Eken (TU Istanbul) and Prof.Dr. Uğur Yaramancı, TU Berlin), 64 pages, July – August 2015, Berlin, Germany.
- Çubuk, Yeşim (2010).** Source Parameters of Bala-Sirapınar (Central Turkey) Earthquakes of 2005-2008: Implications on Internal Deformation of the Anatolian Plate, *M.Sc. Thesis*, 109 pages, Istanbul Technical University, Graduate School of Science and Technology, İstanbul, Turkey, 28 January 2010.
- Tok, Hande Eren (2007).** SKS Splitting Around Western Anatolia, *M.Sc. Thesis*, 174 pages, Istanbul Technical University, Graduate School and Institute of Science and Technology, İstanbul-Turkey, 2007.
- Utanır, Mehtap (2006–2007).** Regional Moment Tensor (RMT) Methods and Applications in Seismology – **Not Completed** –
- Çalışkan, Canan (2002).** Source Parameters Solutions of 3 August 1993, 22 November 1995 and 22 January 1997 Earthquakes, *M.Sc. Thesis*, 139 pages, Istanbul Technical University, Graduate School of Science and Technology, İstanbul-Turkey, 28 May 2002.
- Yolsal, Seda (2001).** Source Parameters of Cyprian Earthquakes of 23 February 1995 and 9-10 October 1996 Obtained From Inversion of Teleseismic Body Waveforms, *M.Sc. Thesis*, 146 pages, Istanbul Technical University, Graduate School of Science and Technology, İstanbul-Turkey, 26 June 2001.

Tan, Onur (1998). Source Mechanism Parameters of Caucasian Earthquakes of 16 July 1963 and 28 July 1976, *M.Sc. Thesis*, 131 pages, Istanbul Technical University, Graduate School of Science and Technology (İTÜ-FBE), İstanbul-Turkey, June 1998.

VII. EXTERNAL EXAMINER OF GRADUATE *Ph.D. THESIS* DEFENSE EXAMS

2009: POSITIVE

Gaye Bayrakçı (2009) – Ph.D. in Geophysics, IPG-Paris, France (October 2, 2009)

Laboratoire de Sismologie Experimentale, Department de Sismologie, Jussieu, Paris, France

- 3D Sediment Basement Tomography of the Northern Marmara Trough by a Dense OBS Network at the Nodes of a Grid of Controlled Source Profiles along the North Anatolian Fault (NAF)

2006: POSITIVE

Anne Becel (2006) – Ph.D. in Geophysics, IPG-Paris, France (September 29, 2006)

Laboratoire de Sismologie Experimentale, Department de Sismologie, Jussieu-Paris, France

- Seismic Structure of the North Anatolian Fault in the Sea of Marmara (SEISMARMARA-2001-LEG1)

2006: POSITIVE

Ergin Ulutaş (2006) – Ph.D. in Seismology-Geophysics, Kocaeli University (June, 2006)

- Microzonation of Eastern Marmara Region of Kocaeli Districts and İzmit Resettlement Boundary, *Ph.D. Thesis*, 212 pages, Kocaeli University, Graduate School of Science and Technology, Kocaeli, Turkey (in Turkish).

2003: POSITIVE

Cenk Yaltırak (2003) – Ph.D. in Geology, İstanbul Technical University (December 5, 2003)

- Geodynamic Evolution of Northern Edremit Bay Area (NW Turkey), *Ph.D. Thesis*, 246 pages, Istanbul Technical University, Eurasian Institute of Earth Sciences, İstanbul, Turkey (in Turkish).

Caner İmren (2003) – Ph.D. in Geophysics, İstanbul Technical University (October 17, 2003)

- Investigation of Active Tectonics of the Sea of Marmara by using Seismic Reflection Data and Depth Sections, *Ph.D. Thesis*, 201 pages, Graduate School of Science and Technology (İTÜ-FBE), Istanbul Technical University, İstanbul, Turkey, 2003 (in Turkish).

2002: NEGATIVE

Bülent Kaypak (2002) – Ph.D. in Geophysics, İstanbul Technical University

- Determination of 3-D Velocity Structure of Erzincan Basin with Local Earthquake Tomography, *Ph.D. Thesis*, 223 pages, Graduate School of Science and Technology (İTÜ-FBE), Istanbul Technical University, İstanbul, Turkey, 2002 (in Turkish).

2001: POSITIVE

Turgay İşseven (2001) – Ph.D. in Geophysics, İstanbul Technical University

- Investigation of Neotectonic Evolution of Western Turkey with Paleomagnetic Data and Methods, *Ph.D. Thesis*, 194 pages, Graduate School of Science and Technology (İTÜ-FBE), Istanbul Technical University, İstanbul-Turkey, 2002 (in Turkish).

2000: POSITIVE

Hülya Kurt (2000) – Ph.D. in Geophysics, İstanbul Technical University

- Investigation of Active Tectonics of Gökova and Saros Bays by using Seismic Reflection Data, *Ph.D. Thesis*, 180 pages, Graduate School of Science and Technology (İTÜ-FBE), Istanbul Technical University, İstanbul, Turkey, 2002 (in Turkish).

1997: NEGATIVE

Mehmet Utku (1997) – Ph.D. in Geophysics, İstanbul Technical University

- Moment Tensor Analyses of Earthquakes in Turkey, *Ph.D. Thesis*, 215 pages, Graduate School of Science and Technology (İTÜ-FBE), Istanbul Technical University, İstanbul, Turkey, 2002 (in Turkish).

VIII. POPULAR SCIENTIFIC MAGAZINE ARTICLES AND NEWS REPORTS FOR PUBLIC AWARENESS

| 2011 |

[1] Taymaz, T., Yolsal-Çevikbilen, S., Çubuk, Y. (2011). Confusion in the Earth's Crust – Mw 7.2 Van Earthquake of 2011, *ATLAS–Geography and Discovery Magazine*, Vol: 225, pp. 100-106, December 2011 (in Turkish).

| 2009 |

[1] Seda Yolsal and **Tuncay Taymaz** (2009). 6 April 2009 L'Aquila-Italy Earthquake (Mw 6.3), *NTV Science Magazine*, p. 12, May 2009 (in Turkish).

[2] Serpil Yıldız and **Tuncay Taymaz** (2009). 10 Years After 1999 Earthquakes: Two Earthquakes and Dual Experiences, *NTV Science Magazine*, pp. 110-127, August 2009 (in Turkish).

| 2006 |

[1] Çağlar, İ. and **Taymaz, T.** (2006). Electromagnetic X-Ray of Eastern Anatolia Underway, *TÜBİTAK–Science and Technology Magazine*, Vol: 459, pp. 68-70, February 2006 (in Turkish).

[2] **Taymaz, T.** and Yolsal, S. (2006). Crazyiness at the Active Fault Zone, *ATLAS– Geography and Discovery Magazine*, Vol: 2006/06, pp. 174-177, June 2006 (in Turkish).

[3] Çağlar, İ., **Taymaz, T.,** Yolsal, S. and Avşar, Ü. (2006). Compliment of Active Tectonics: Geothermal Energy with No Hazardous Effects, *TÜBİTAK–Science and Technology Magazine*, Vol: 464, pp. 50-52, July 2006 (in Turkish).

| 2005 |

[1] Taymaz, T., Tan,O., Yolsal, S., Yalçiner, A., Özer, C., Karakus, H., Kuran, U. (2005). Would it Occur in Turkey? 26 December 2004, Mw 9.1 Northern Sumatra (Indonesia) Earthquake and Tsunami Generation, *TÜBİTAK–Science and Technology Magazine*, Vol: 446, pp. 38-44, January 2005 (in Turkish).

[2] Taymaz, T., Tan,O., Yolsal, S., Yalçiner, A., Kuran, U. (2005). 28 March 2005 Northern Sumatra Earthquake, *TÜBİTAK–Science and Technology Magazine*, Vol: 449, pp. 4-5, April 2005 (in Turkish).

[3] Taymaz, T., Tan., O. and Yolsal, S. (2005). 17-21 October 2005 Sığacık Bay (Izmir, western Turkey) Earthquakes and International EGELADOS Project, *TÜBİTAK–Science and Technology Magazine*, Vol: 456, pp.10-11, November 2005 (in Turkish).

| 2003 |

[1] Taymaz, T., Tan., O. and Yolsal, S. (2003). Plate Tectonics and The Role of Water: Plate Tectonics of Turkey, *TÜBİTAK–Science and Technology Magazine*, Vol: 432, p.64, November 2003 (in Turkish).

| 2002 |

[1] Taymaz, T., and Tan., O. (2002). Attention to Maymundağı Region and Denizli Basin, *Cumhuriyet–Science and Technology Magazine*, Vol: 778, p. 6, 16 February 2002 (inTurkish).

[2] Taymaz, T., and Tan., O. (2002). Active Tectonics of Lake Districs of Turkey: Sultandağı Earthquakes, *TÜBİTAK–Science and Technology Magazine*, Vol: 412, pp. 54-55, March 2002 (in Turkish).

[3] Taymaz, T., and Demirbağ, E. (2002). Our Lines of Fate Under the Sea of Marmara, *ATLAS–Geography and Discovery Magazine*, Vol: 108, pp. 148-160, May 2002 (inTurkish).

| 2001 |

[1] Taymaz, T., and Tan., O. (2001). 16 January 2001 (Md 4.2) İstanbul Earthquake, *Cumhuriyet–Science and Technology Magazine*, Vol: 399, pp 26-28, February 2001 (in Turkish).

[2] Taymaz, T., Tan, O. and Yolsal, S. (2001). 13 January 2001 (Mw 7.6) EL Salvador Earthquake, Depremi, *TÜBİTAK–Science and Technology Magazine*, Vol:399, pp. 30-32, February 2001 (in Turkish).

[3] Taymaz, T., Tan, O. and Yolsal, S. (2001). 26 January 2001 (Mw=7.6; Ms=7.9) Guajarat–Ahmedabat (India) Earthquake, *TÜBİTAK–Science and Technology Magazine*, Vol: 400, March 2001 (in Turkish).

|4| Taymaz, T., and Dağistanlı, M.A. (2001). Attention! It Can Fracture: Critical Active Fault Lines of Turkey, *ATLAS–Geography and Discovery Magazine*, Vol: 96, pp. 112-119, May 2001 (in Turkish).

|5| Taymaz, T. (2001). Autopsy Examination Report of 1999 Marmara Earthquakes, *TÜBİTAK–Science and Technology Magazine*, Vol: 403, pp. 26–27, June 2001 (in Turkish).

| 2000 |

|1| Güney, A.B. and Taymaz, T. (2000). A Closer Look at Seismic Activity in the Marmara Sea and Surrounding Regions Before and After 17 August 1999 Gölcük-Düzce Earthquakes, *Cumhuriyet–Science and Technology Magazine*, Vol: 703, pp 19-21, September 2000 (in Turkish).

|2| Taymaz, T. (2000). 1999 Gölcük-Düzce Earthquakes May Have Triggered Çankırı Earthquake: 6 June 2000 Orta (Çankırı) Earthquake and Its Associated Seismicity–Earthquake Potential of North Anatolian Fault Zone and Fault Plane Mechanism Solutions, *Cumhuriyet–Science and Technology Magazine*, Vol: 707, pp 20-21, October 2000 (in Turkish).

|3| Taymaz, T. (2000). Orta-Çankırı Earthquake and North Anatolian Fault, *TÜBİTAK–Science and Technology Magazine*, Vol: 396, pp. 98–99, November 2000 (in Turkish).

|4| Taymaz, T., and Tan., O. (2000). Sultandağı Earthquakes and Active Tectonics of Lake Districts of Turkey, *Cumhuriyet–Science and Technology Magazine*, Vol: 719, pp. 18-19, December 2000 (in Turkish).

|5| Emre, Ö., Taymaz, T., Duman, T.Y., and Doğan, A. (2000). Surface Ruptures and Seismological Characteristics of 17 August 1999 and 12 November 1999 Earthquakes, *TÜBİTAK–Science and Technology Magazine*, Vol: 386, pp 38-42, January 2010 (in Turkish).

| 1999 |

|1| Taymaz, T. (1999). The Reality of Turkey–Earthquakes! Active Tectonics of the Sea of Marmara Region (NW Turkey), and The Urgent Need To Establish A National Seismographic Network in Turkey, *Cumhuriyet–Science and Technology Magazine*, Vol: 650, pp. 6-7, 23, September 4, 1999 (in Turkish).

|2| Taymaz, T. (1999). Earthquakes Threatening İstanbul–Two Significant Historical Earthquakes in the Past and Current Status, *Cumhuriyet–Science and Technology Magazine*, Vol: 651, pp. 8-11, September 11, 1999 (in Turkish).

|3| Taymaz, T. (1999). What’s Happening Around Athens? *Cumhuriyet–Science and Technology Magazine*, Vol: 652, pp. 18-19, September 16, 1999 (in Turkish).

- [4]** Le Pichon, X., **Taymaz, T.** and Şengör, A.M.C. (1999). The Great Marmara Fault: Why, Where, and When Does It Happen? *Cumhuriyet–Science and Technology Magazine*, Vol: 661, pp. 8-11, November 20, 1999 (in Turkish).
- [5]** **Taymaz, T.** (1999). Active Tectonics of the Sea of Marmara Region (NW Turkey): 1999 Gölcük-Düzce Earthquakes, *Cumhuriyet–Science and Technology Magazine*, Vol: 662, pp. 12-13, November 27, 1999 (in Turkish).
- [6]** **Taymaz, T.** (1999). Earthquake Early Warning and Information Systems, *Cumhuriyet–Science and Technology Magazine*, Vol: 665, pp. 12-13, 21, December 18, 1999 (in Turkish).
- [7]** **Taymaz, T.** (1999). Active Tectonics of the Sea of Marmara Region (NW Turkey): 1999 Gölcük-Düzce Earthquake, *Bulletin of Istanbul Technical University Foundation*, Vol: 30, pp 32-36, December 1999 (in Turkish).
- [8]** Emre, Ö., **Taymaz, T.**, Duman, T.Y. and Doğan, A. (1999). Surface Ruptures and Seismological Characteristics of 17 August 1999 and 12 November 1999 Earthquakes, *Bulletin of Istanbul Technical University Foundation*, Vol: 30, pp 42-48, December 1999 (in Turkish).
- [9]** **Taymaz, T.** (1999). Standardized National Seismographic Networks, Earthquake Early Warning and Information Systems, *Bulletin of Istanbul Technical University Foundation*, Vol: 30, pp 75-78, December 1999 (in Turkish).
- [10]** **Taymaz, T.** (1999). Active Tectonics of the Sea of Marmara Region (NW Turkey): 1999 Gölcük-Düzce Earthquakes, Standardized National Seismographic Networks, Earthquake Early Warning and Information Systems, *TÜBİTAK–Science and Technology Magazine*, Vol: 385, pp. 44-47, December 1999 (in Turkish).
- | 1998 |**
- [1]** **Taymaz, T.** (1998). How Productive is the Individual Departments of Istanbul Technical University? *Cumhuriyet–Science and Technology Magazine*, Vol: 566, p.16, January 1998 (in Turkish).
- [2]** **Taymaz, T.** (1998). Istanbul Technical University Should Work More! *Cumhuriyet–Science and Technology Magazine*, Vol: 576, p.16, April 1998 (in Turkish).
- | 1997 |**
- [1]** **Taymaz, T.** (1997). Our Dynamic Earth and Earthquakes, *Cumhuriyet–Science and Technology Magazine*, Vol: 525, p.10, April 1997 (in Turkish).
- | 1995 |**
- [1]** **Taymaz, T.** (1997). The Reality of Turkey–Earthquakes! *Cumhuriyet–Science and Technology Magazine*, Vol: 447, pp. 8-11, October 1995 (in Turkish).

[2] Taymaz, T. (1997). Active Tectonics of the Sea of Marmara Region (NW Turkey), *Cumhuriyet–Science and Technology Magazine*, Vol: 450, pp. 6-7, November 1995 (in Turkish).

IX. SEMINARS, WORKSHOPS, CONFERENCES AND SYMPOSIUM ORGANIZED

★ **[1] Taymaz, T.** (2014) (*Workshop Chairman and Convener*): Seismological Grand Challenges in Understanding Earth's Dynamic System, *In Memory of Prof.Dr. Kazım Ergin, 40th Anniversary Year of the Foundation of the Department of Geophysical Engineering, the Faculty of Mines, Istanbul Technical University*, 24 November 2014. İhsan Ketin Conference Hall, ITU Maslak Campus, Istanbul, Turkey.

[2] Taymaz, T. (2013). 20th The International Geophysical Congress and Exhibition of Turkey, 25-27 November 2013, Rixos, Antalya, Turkey (Member of Scientific and Technical Committees).

[3] Taymaz, T. and Yolsal-Çevikbilen, S. (2013). Active Tectonics of Turkey: Seismotectonics, Neotectonics and Morphotectonics, supplementary seminars presented during undergraduate thought course of *JEF-417E Seismotectonics*, and field-trip guided by *Prof.Dr. Yücel Yılmaz* during 2012-2013 Spring Academic Term (total 10 seminars).

[4] Taymaz, T. (2013). Natural Catastrophes in Archaeology – the Case Study of Ephesos delivered by *Dr. Sabine Ladstätter* (Director of Austrian Archaeological Institute, Vienna) for 60th Anniversary Year of the Faculty of Mines on the occasion of *International Working Women's Day* on 8 March 2013, İhsan Ketin Conference Hall, Istanbul Technical University, <http://web.itu.edu.tr/~taymaz/Ephesos.html>

[5] Taymaz, T. (2013). The Seismic Rupture Process of Great Earthquakes Using New Inversion and Hybrid Back-Projection delivered by *Prof. Yuji Yagi* (School of Life and Environmental Sciences, University of Tsukuba, Japan) on the occasion of 60th Anniversary Year of the Faculty of Mines, İhsan Ketin Conference Hall, Istanbul Technical University, 12 March 2013. <http://web.itu.edu.tr/~taymaz/Great-Earthquakes.html>

[6] Taymaz, T. (2013). Implications of the 2011 Tohoku Earthquake for Subduction Zone Earthquake and Tsunami Hazard delivered by *Prof. Phil R. Cummins* (Natural Hazards–Research School of Earth Sciences, Australian National University (ANU), Canberra, ACT 0200, Australia) on the occasion of 60th Anniversary Year of the Faculty of Mines, İhsan Ketin Conference Hall, Istanbul Technical University, 30 September 2013.

[7] Tuncay Taymaz and Ahmet C. Yalçiner (2009) *Conveners and Chairpersons, Special Session On Active Tectonics of the Eastern Mediterranean Region: Destructive Earthquakes and Potential Source Regions and Tsunami Generation*, 62nd *International Geological Congress of Turkey*, 13-17 April 2009, Ankara, Turkey.

★ **[8] Tuncay Taymaz** (2009). *Editor and Chairman*, International Symposium On Historical Earthquakes and Conservation of Monuments and Sites in the Eastern Mediterranean Region: 500th Anniversary Year of the 1509 September 10 Marmara Earthquake (NW Turkey), September 10–12, 2009, The Faculty of Architecture, Taşkışla 102-109-127, Taksim 34437, Istanbul – Turkey, 440 pages (<http://www.1509.itu.edu.tr>).

[9] Tuncay Taymaz and Georg Rumpker (2008). *Conveners and Chairpersons*, Special Session: Seismology-SM9: Earthquake Source Rupture Models, Slip Distribution Studies, and Nucleation and Growth of Fault Systems, *European Geosciences Union (EGU) General Assembly 2008*, Vienna, Austria, 13 –18 April 2008, <http://meetings.copernicus.org/egu2008/>.

[10] Tuncay Taymaz (2007). *Convener and Chairperson*, Special Session: Seismology-SM13: Source Rupture Processes and Crustal Deformation in the Aegean and Eastern Mediterranean Region, *European Geosciences Union (EGU) General Assembly 2007*, Vienna, Austria, 15–20 April 2007, <http://meetings.copernicus.org/egu2007/>.

[11] Yalçiner, A.C. and Taymaz, T. (2007). *Member of International Organizing and Technical Committees, Convener and Chairperson*: Disasters and Disaster Management Session, COMPASS: Conference on Marine Problems and Specific Solutions, August 29 – September 1, 2007, MALDIVES.

★ **[12] Tuncay Taymaz** (2005). *Editor*: International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean, Abstract Book 288 pages, June 15-18, 2005, Kadir Has University, Cibâli Campus, İstanbul–Turkey.

[13] Tuncay Taymaz and Oya Algan (2005). *Editors*: 1st Plenary Meeting and Field Trip of Project IGCP-521: Black Sea-Mediterranean Corridor During the Last 30 KY: Sea Level Change and Human Adaptation (2005-2009), *UNESCO-IGCP-IUGC The International Geoscience Programme*, Abstract Book 225 pages, Kadir Has University, October 8-15, 2005, İstanbul, Turkey.

[14] Tuncay Taymaz, Rob Westaway and Robert Reilinger (2004). *Guest Editors*: Active Faulting and Crustal Deformation in the Eastern Mediterranean Region, Special Issue of TECTONOPHYSICS, Vol: 391, Issues 1-4, pp. 375, October 29, 2004, Elsevier Publications, Amsterdam, The Netherlands (*SCI Journal Special Issue Guest Editorship*).

[15] Tuncay Taymaz (2002). *Chairperson*: Dynamics and Physics of Earthquake Generation, *International Continental Drilling Project (ICDP), Japanese Ultra-Deep Drilling and Geo-Scientific Experiments (JUDGE) Workshop*, 13–18 November 2002, Chiba University, Tokyo, Japan.

[16] Tuncay Taymaz (2002). *Editor*: *Biographical Memoirs of Prof.Dr. Kâzım Ergin*, İstanbul Technical University Press, 56 pages, April 2002, İstanbul-Turkey.

[17] Tuncay Taymaz, (2002). *Editor*: 1st International Symposium of İstanbul Technical University the Faculty of Mines on Earth Sciences and Engineering, *Scientific Activities 2002*, İstanbul Technical University, The Faculty of Mines, ATLAS DBR-Offset Printing House, İstanbul, Turkey, 250 pages, May 16-18, 2002.

|18| Tuncay Taymaz (2001). *Editor: Symposia On Seismotectonics of the North-Western Anatolia-Aegean and Recent Turkish Earthquakes, Scientific Activities 2001*, Istanbul Technical University, The Faculty of Mines, , ATLAS DBR-Offset Printers, Istanbul, Turkey, 113 pages, ISBN 975-97518-0-1, May 8, 2001.

|19| Tuncay Taymaz (1999). *Convener and Chairperson: Seismotectonics of Eurasia ST2, 22nd General Assembly of International Union of Geodesy and Geophysics (IUGG). IASPEI-Symposia: Seismotectonics of Eurasia, Abstracts Book-A*, pp. 161-162, The University of Birmingham, UK, July 19-30, 1999.

X. TUTORIAL LECTURES | SEMINARS | WORKSHOPS ORGANIZED

2003

TUTORIAL LECTURE SERIES:

Eastern Mediterranean Seismotectonics and Geodynamics, December 5, 2003, 09:30-18:00.

2004

Prof. Junzo Kasahara

Earthquake Research Institute (ERI), Marine Seismology Laboratory, University of Tokyo, Japan
Ocean-Bottom Seismology Laboratory, University of Tokyo, Japan

[9 March 2004 Tuesday: ITU – Faculty of Mines]

14:30: Physical Property Implication of the Subduction Zone

15:45: Active Monitoring of the Earth's Structure

Dr. Amos Salamon

Geological Survey of Israel

14 July 2004, Wednesday, 15:00: ITU – Faculty of Mines

Earthquake Hazard Evaluation for the City of Jerusalem, Israel

Dr. Ahmet Cevdet Yalçiner

Middle East Technical University (METU), Department of Civil Engineering, Ankara-Turkey

[22 October 2004, Friday, 15:00: ITU – Faculty of Mines]

Tsunami Risk in the Sea of Marmara Based On Historical, Geological and Instrumental Data

2005

1. TUTORIAL LECTURE SERIES: *supported by TÜBA-GEBİP and TÜBİTAK-BAYG*

THE GEODYNAMIC EVOLUTION OF EASTERN MEDITERRANEAN İstanbul Technical University,
The Faculty of Mines, İhsan Ketin Conference Theater, February 18, 2005, 09:45-17:30.

2. TUTORIAL LECTURE SERIES: *supported by TÜBA-GEBİP and the British Council, U.K.*

**AN EVALUATION OF TSUNAMI HAZARD, RISK AND VULNERABILITY IN COUNTRIES BORDERING
THE AEGEAN SEA, BLACK SEA AND EASTERN MEDITERRANEAN**

İstanbul Technical University, The Faculty of Mines, İhsan Ketin Conference Theater, November 16,
2005, 14:55-17:30.

Tutorial Lecture Series

“Eastern Mediterranean Seismotectonics and Geodynamics”

ITU-The Faculty of Mines, İhsan Ketin Conference Hall (8 invited talks presented)

This *Tutorial Lecture Series* organized in order to broaden the horizons’ of undergraduate and graduate students to regional studies on JEF417E Seismotectonics and JFM513E Earthquakes and Geodynamics courses thought at Istanbul Technical University, the Faculty of Mines – Department of Geophysical Engineering

– December 5, 2003 –

09:30 – 09:45 OPENING REMARKS by Tuncay Taymaz

09:45 – 10:45 Zvi Garfunkel – Institute of Earth Sciences, Hebrew University, Israel

1. Origin of the Eastern Mediterranean Basin: A Reevaluation
2. The northern part of the Dead Sea Transform and its regional relations

10:45 – 11:00 Tea | Coffee | Refreshment

11:00 – 11:30 M. Emin Ayhan – Ministry of Defense, General Command of Mapping, Ankara

Geodetic Constrains on Crustal Deformation in Eastern Turkey using Global Positioning System (GPS) Measurements During Period of 1992 and 2003

11:30 – 12:15 Mustafa Aktar – Bosphorous University, Kandilli Observatory, İstanbul

Active Faults in South of Turkey: New Contributions from Historical and MicroEarthquake Data

12:15 – 13:00 Zvi Garfunkel – Institute of Earth Sciences, Hebrew University, Israel

Internal Structure and Growth of Pull Apart Basins: Examples from the Dead Sea Transform

13:00 – 14:30 Lunch Break

14:30 – 15:15 Erdin Bozkurt – METU, Department of Geology, Ankara

Microtectonic Studies: Examples from Menderes Massif, Western Turkey

15:15 – 16:00 Erdin Bozkurt – METU, Department of Geology, Ankara

Active Normal Faults: Fault Rock Stratigraphy, Structures on Slip-planes and Kinematic Indicators: Manisa Fault as an Example

16:00 – 16:45 Gürol Seyitoğlu – Ankara University, Department of Geology, Ankara

A New Model on Exhumation Processes of Menderes Massif and Related Sedimentary Basin Evolution in Western Turkey

16:45 – 17:15 Veysel Işık – Ankara University, Department of Geology, Ankara

Ductile-Brittle Transition Along Detachment Faults in Menderes Massif, Western Turkey

17:15 – 17:20 CLOSING REMARKS by Tuncay Taymaz

17:20– 18:00 Tea | Coffee | Refreshment

ISTANBUL TECHNICAL UNIVERSITY – THE FACULTY OF MINES
DEPARTMENT OF GEOPHYSICS – SEISMOLOGY SECTION

**TUTORIAL LECTURE SERIES ON
THE GEODYNAMIC EVOLUTION OF EASTERN MEDITERRANEAN**

**İstanbul Technical University, the Faculty of Mines
İhsan Ketin Conference Theater**

**FEBRUARY 18, 2005 FRIDAY
09:45 –17:30**

This Tutorial Lecture Series organized in order to broaden the horizons' of undergraduate and graduate students to regional studies on SEISMOTECTONICS and EARTHQUAKES AND GEODYNAMICS courses thought at Istanbul Technical University, The Faculty of Mines, Department of Geophysical Engineering

09:45 – 10:00 OPENING REMARKS

10:00 – 10:45 *Yıldırım Dilek (Miami University, USA)*
Types, Genesis, and Evolutionary History of Ophiolites

10:45 – 11:30 *Yücel Yılmaz (Kadir Has University, İstanbul, Turkey)*
Morphotectonic Development of Eastern Anatolia

11:30 – 12:15 *Aral Okay (İstanbul Technical University, Turkey)*
Are there Paleo-Tethyan ophiolites in Turkey?

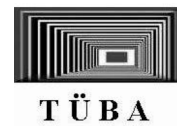
12:15 – 14:00 **LUNCH-BREAK**

14:00 – 14:45 *Yıldırım Dilek (Miami University, USA)*
Tectonics of Albania and the Geodynamic Evolution of the Balkan Peninsula

14:45 – 15:30 *Erdin Bozkurt (Middle-East Technical University, Ankara, Turkey)*
Origin of so-called core and cover boundary in the southern Menderes Massif (southwest Turkey): thrust vs normal faulting

15:30 – 15:45 **CONCLUDING REMARKS**

15:45 – 16:15 **TEA / COFFEE BREAK**



Further Information: Tuncay Taymaz | taymaz@itu.edu.tr |



**İstanbul Technical University
the Faculty of Mines
Department of Geophysics
Seismology Section**



TUTORIAL LECTURE SERIES

**AN EVALUATION OF TSUNAMI HAZARD, RISK AND VULNERABILITY
IN COUNTRIES BORDERING THE AEGEAN SEA, BLACK SEA AND
EASTERN MEDITERRANEAN**

**İstanbul Technical University, the Faculty of Mines
İhsan Ketin Conference Theater
NOVEMBER 16, 2005 WEDNESDAY
14:15 - 17:30**

14:15 - 14:20	Tuncay Taymaz <i>Istanbul Technical University, Turkey</i> OPENING REMARKS
14:20 - 14:30	John Whalley <i>Earth and Environmental Sciences, University of Portsmouth, UK</i> The University of Portsmouth GeoHazard Research Group
14:30 - 15:00	Carmen Solana <i>Earth and Environmental Sciences, University of Portsmouth, UK</i> Tsunami Hazard - Evaluating Risk and Managing Consequences
15:00 - 15:30	Richard Teeuw <i>Earth and Environmental Sciences, University of Portsmouth, UK</i> Uses of Remote Sensing for Tsunami Hazard Assessment
15:30 - 16:00	Ahmet C. Yalçiner <i>Middle East Technical University, Turkey</i> Post Tsunami Field Surveys for December 26, 2004 Indian Ocean Tsunami, and Tsunami Risk in Eastern Mediterranean Region
16:00 - 16:30	Zeynep Aygen <i>Environmental Design and Management, University of Portsmouth, UK</i> Historic Buildings in the Tsunami Risk Area-A Risk Management Proposal
16:30 - 16:45	Tuncay Taymaz <i>Istanbul Technical University, Turkey</i> CLOSING REMARKS Identification of Seismogenic Zones: Earthquake and Tsunami Potential in Eastern Mediterranean Region
16:45 - 17:30	TEA / COFFEE / COOKIES (Kâzım Ergin Library)



Science Partnership Programme

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