

PROF.DR. AHMET CEVDET YALCINER

Name	: Prof. Dr. Ahmet Cevdet Yalciner
Male or Female	: Male
Present Affiliation	: METU Civil Engineering Department, Director of Ocean Engineering Research Center, 06800, Ankara, Turkey
Date and Place of Birth	: July, 29, 1956 Trabzon, Turkey
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ACADEMIC CAREER:

B.S. Civil Engineering, 1979, Middle East Technical University, Ankara
M.S. Civil Engineering, 1981, Middle East Technical University, Coastal and Harbor Engineering, Ankara
Ph.D. Civil Engineering, 1989, Middle East Technical University, Coastal and Harbor Engineering, Ankara

EMPLOYMENT AND PROFESSIONAL RECORD:

2013-	Chair UNESCO ICG North East Atlantic, Mediterranean and Connected seas
2012-2015	Chairman of Civil Engineering Department, Middle East Technical University
2004-	Director, Ocean Engineering Reaesrch Center, Middle East Technical University
2009 -	Professor, Middle East Technical University
2000 - 2009	Associate Professor, Middle East Technical University
2005-2005	Consultant to Government of Maldives (11 weeks)
1999-2000	Visiting Professor, University of Southern California, USA
1993-1999	Associate Professor, Middle East Technical University
1989-1993	Assistant Professor, Middle East Technical University
1979-1989	Research Assistant, Middle East Technical University
1987-1987	Visiting Scholar, Tohoku University, Sendai, JAPAN
1978-1979	Assistant (Part time) Middle East Technical University

AWARDS

- One of the 2022 Holders of Marmara Sea Research Award given by TUDAV (Turkish Marine Research Foundation) 8 January 2022.
- One of the 2019 holders of the "Hamaguchi Award" given by Japan Ministry of Land, Infrastructure, Transportation and Tourism. The "Hamaguchi Award" is presented to individuals and/or organizations idir?Teşekkürler. Sevgi lerTUAthat have made significant scientific or pragmatic contributions to the enhancement of coastal resilience against ts unami, storm surge and other coastal disasters, which will raise people's awareness of disaster resilience. Links to Hamaguchi Award Ceremony

https://www.pari.go.jp/en/public_relations/hamaguchi_award/2019_award_ceremony.html https://drive.google.com/file/d/159cl6V-bELPI5OWIrvK3Z7xM_uH2645q/view?usp=sharing https://www.pari.go.jp/files/items/12767/File/Ahmet%20Cevdet%20Yalciner%E6%95%99%E6%8E%88 .pdf (Japanese) https://www.pari.go.jp/files/items/12767/File/%E6%BF%B1%E5%8F%A3%E6%A2%A7%E9%99%B5%E 5%9B%BD%E9%9A%9B%E8%B3%9E%E5%8F%97%E8%B3%9E%E8%80%85%E5%92%8C%E6%AD%8C% E5%B1%B1%E8%A8%AA%E5%95%8F%E6%A6%82%E8%A6%81.pdf (Japanes e)

- Chair of North Eastern Atlantic and Mediterranean Tsunami Waring System, NEAMTWS, UNESCO Intergorenmental Oceanography Commission IOC, Intergovernmental Coordination Group ICG. (between November 2013 and November 2017)
- One of the 2018 Awardee of "Outstanding Performance in Education Award" given annually by METU Prof. Dr. M. Parlar Education and Research Foundation https://parlar.org.tr/2017-yili-odulleri/
- One of the co-authors of the paper a warded as the best overseas paper by institute of Civil Engineers (ICE) UK in 2002

MAIN RESEARCH SUBJECTS:

He has intensive experience on all aspects of tsunamis including tsunami generation, propagation and coastal amplification by modeling (numerical and experimental) and their applications to all oceans and marginal seas since 1989 and post ts unami field surveys since 1999., post ts unami field surveys. His experience expands to wind waves, storms, storm surges, tropical cyclones, marine hazards and disaster management, 2D and 3D physical modeling on the stability of breakwaters, design of coastal structures, physical modeling on agitation of harbors, modeling of near shore wave transformations, numerical modeling and analysis of coastal and ocean engineering problems, resonance of harbors, bays and basins, time series analysis of waves, design of sea outfall system, solitary waves and long period waves, field measurements on current, wave characteristics and sediment transport, national and international consultancies for several coastal and ocean engineering projects, participation in many EC funded projects, leadership in 90+ national basic and applied research projects, contributions to guidelines developed by international organizations such as IAEA, UNESCO, NATO and PIANC and also serving as a consultant to Indian Ocean countries and Japanese institutions and trainer in short courses on tsunami modeling and hazard assessment organized by UNESCO and IAEA separately. Dr. Yalciner has developed a new tsunami numerical code NAMI DANCE-GRP version in collaboration with Bora Yalciner, Profs. Andrey Zayts ev and Efim Pelinovsky. The code has the capability of not only simulating ts unamis generated by seismic or non-seismic sources but also simulating long waves during tropical cyclones generated by the spatial and temporal change of the atmospheric pressure and wind fields.

He has long term experience on tsunami modeling, tsunami hazard assessment, vulnerability assessment, tsunami risk assessment, early warning and disaster management.

He was Co-Director of NATO Advanced Research Workshop (2001) on Underwater Ground Failures and Tsunami Generations and Chief Editor of the Book "Submarine Landslides and Tsunamis" in Klu wer Publication (2003). He is a member of International Tsunami Commission of IUGG since 1994 and currently Vice Chair of the Commission since 2011. He has more than 800 citations with his published more than 70 scientific papers in international scientific journals in collaboration and co-authored with internationally distinguished scientists from different countries in his profession. He is member of European Geoscience Union and American Geophysical Union. He directed more than 10 International and more than 40 National scientific projects, and organized more than 10 National and more than 12 International conferences, workshops on tsunamis, marine hazards, coastal and ocean engineering. He also served as trainer in UNESCO or IAEA training programs on tsunami numerical modelling and tsunami hazard assessment for Nuclear Power Plants.

SELECTED PROJECTS DIRECTED/COORDINATED OR PARTICIPATED

• TUBITAK "Modeling the Motion of Units Forming Rubble Mound Coastal Protection Structures under Wave Attack using Immersed Boundary and Discrete Element Numerical Methods" (Director, Completed 2020).

• ERASMUS+ Project DESIMAR, "Parametric Design for Marine and Coastal Structures", 2017-2-TR01-KA205-047156, (2017-2019), (Coordinator, Completed 2020)

• Istanbul Metropolitan Municipality Tsunami Action Plan project. Supported by Istanbul Metropolitan Municipality (Director, Completed, 2019).

• Istanbul Metropolitan Municipality Marmara Coast Tsunami Hazard and Vulnerability Analysis and Risk Assessment project. Supported by Istanbul Metropolitan Municipality (Director, Completed, 2018).

• ERASMUS+ Project TROYO, "Training Of Youth for Preparedness Against Marine Induced Hazards", Erasmus+ Key Action 2: Cooperation for innovation and the exchange of good practices, 2015-3-TR01-KA205-024506 (Coordinator, Completed, 2019).

• European Union Humanitarian Aid and Civil Protection, DG-ECHO Project TSUMAPS-NEAM, "Probabilistic TSUnami Hazard MAPS for the NEAM Region, ECHO/SUB/2015/718568/PREV26 (METU Director, Completed, 2018).

• EU-FP7 Project ASTARTE (Assessment, STrategy and Risk Reduction for Tsunamis in Europe). ENV-2013.604-3 Grant No. 603839 (METU Director, Completed, 2017).

• RAPSODI (Risk Assessment and design of Prevention Structures fOr enhanced tsunami DIsaster resilience) project, CONCERT-Japan (FP7), ERA-NET (METU Director, Completed).

• EU-FP7 Project CoCoNET "Towards Coast to Coast Networks of Marine Protected Areas Coupled with Sea-Based Wind Energy Potential" (METU Director, Completed).

• Risk and Vulnerability to Sea Level Rise and Tsunami of Selected Low Lying Coastal Areas in the Maltese Islands and Turkey joint project with Malta (METU Director, Completed).

• TUBITAK "The Scientific and Technological Research Council of Turkey) funded project: Vulnerability Analysis of Coasts Against Climate Change Supported with A Sediment Model" (Researcher, Completed).

• TUBITAK 213M534 Joint Project with Russia (RFBR), "Modelling Tools for Marine Hazards in Black Sea", (2014-2016) (Director, Completed, 2016)

• "Historical Earthquakes and Associated Tsunamis in Mediterranean Sea", project for Tohoku University in Japan (Researcher, Completed, 2002).

• TRANSFER, Tsunami Risk and Strategies for European Region for European Union (METU Director, Completed, 2009).

• SEAHELLARC Earthquake and Tsunami Study for Western Hellenic Arc for European Union (ReseRHERCompleted, 2010).

• Software development and installation for Malaysia Tsunami Warning System for Ministry of Science, Technology and Innovation of Malaysia, Astronautic Technology Malaysia (Director, Completed).

POSITIONS IN NATIONAL AND INTERNATIONAL ORGANIZATIONS

• Chair of the Civil Engineering Department of METU, December 2012 – 2015

• Chair of the UNESCO ICG/NEAMTWS (The Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the Northeastern Atlantic, the Mediterranean and connected seas) Nov 2013 – Nov. 2017

- Director, Ocean Engineering Research Center, Middle East Technical University, since 2004
- Director, METU Sports Club since Sepember 2017
- Member of the IUGG International Tsunami Commission since 1994
- Vice Chair of the IUGG International Tsunami Commission since 2011
- Consultancy to the International Atomic Energy Agency, since 2008

• A member of the Council of the Faculty of Engineering of METU as the elected representative of Assistant Professors between Oct, 1990 and Oct., 1993,

• A member of the Council of the Faculty of Engineering of METU as the elected representative of Assoc. Professors since Nov, 1994-Nov, 1997

- Director of METU Civil Engineering Department Ocean Engineering Research Center
- Board member of International Natural Hazards Society (since 2002)
- Vice President of the Underwater Research Society May, 1994-Feb. 1998,
- General Secretary of the Turkish National Committee of Coastal Zone Management (1997-2000)

ACADEMIC ACTIVITIES OF AHMET CEVDET YALCINER (LIST ONLY):

• Member of the Finalist Project for European Union Descartes Prize (2002) Project THAMS: Tsunami Hazard Assesemtn and Mitigation Studies.

- Member of European Geoscience Union (EGU)
- Member of Geophysical Union (AGU)
- METU Director of EU ASTARTE Project and the Member of Project Management Board (2013-2016)
- METU Director of EU granted TROYO, DESIMAR, TSUMAPS NEAM, RAPSODI, TRANSFER Projects

• Organizer and Director of the Training Program in Ankara on Tsunami Numerical Modeling in May 2009 for the experts from Maldives Meteorology Department

• Leader of the UNESCO International Tsunami Survey Teams in Sumatra island after the December, 26, 2004 Indian Ocean Tsunami (January, 2005), after 2011 Great East Japan Earthquake and Tsunami (May-June 2011), 28 September, 2018 Palu Earthquake and Tsunami (November 2018)

• Director and Lecturer of UNESCO Tsunami Numerical Modeling Course I for Indian Ocean Countries (Kulala Lumpur in May 2006 and Oostende Belgium in June, 2006) and Lecturer on Tsunami Numerical Modeling in the Short Course in Oostende Belgium for UNESCO IODEI

• One of the co-authors of the paper a warded as the best overseas paper by institute of Civil Engineers (ICE) UK

• Co-Director of NATO Advanced Research Workshop (2001) on Underwater Ground Failures and Tsunami Generations

• Chief Editor of the Book Submarine Landslides and Tsunamis in Kluwer Publication (2003)

• Co-Editor of the Journal of International Society for the Prevention and Mitigation of Natural Hazards (SCI Expanded) Volume 39, No:2, October, 2006

- Member of the Editorial Board of the Journal of Disaster Research JDR, Japan
- Development of the Tsunami Numerical Model NAMI DANCE as a tool of Tsunami Early Warning Systems
- One of the interviewer in one of the news (News Focus) in SCIENCE magazine (August, 17, 2001 issue)
- Consultancy Service in Maldives to Maldives Government for Coastal Utilization and Island Access issues (2005)
- Member of the Technical Program Committee of International Symposium on Offshore and Polar Engineering
- ISOPE and National representative of the ISOPE (2000-2005)

• One of the Interviewers in the National Geography Documentary on "Tunnel to a Lost World"

SOCIAL AND CULTURAL ACTIVITIES OF AHMET CEVDET YALCINER (LIST ONLY):

- Founder Member of the "Middle East Technical University Subaqua Society"
- Credited by National Geography Documentary Channel
- Credited by Discovery Channel Documentary
- President of the Education Commission of the Turkish Chamber of Civil Engineers (2000-2003)
- Founder Member of the "Underwater Research Society" in Turkey
- Founder Member of the Turkish National Committee of Coastal Zone Management"
- Academic Supervisor of the Middle East Tech. Univ. Subaqua Society between Nov. 1990-Jan, Nov. 1999)
- A Member of the International Ts unami Commission of IAMAS –IAPSO (Since 1994)
- A Member of Turkish Chamber of Civil Engineers (since 1979).
- A Member of the American Geophysical Union (Since 1999).

•Science Advisory Committee of the prestigious popular sciences magazine "Science and Techniques" published monthly by Turkish Scientific and Technical Research Council (1992-1998).

- Advanced Open Water Diver of Professional Association of Diver Instructors (PADI licensed),
- Life Saving and First Aid Training (licensed by Turkish Federation of Underwater Sports)
- Search and Rescue Diver License (PADI licensed)

• Have founded and organized 5 times the "Annual National Underwater Photography Contest" for the promotion and documentation of the underwater natural and biological beauties of Northern Aegean Coasts.

• Experiences and Concert Performance in Classical Turkish Music - Lute Player

ACADEMIC AND PROFESSIONAL ACTIVITIES OF AHMET CEVDET YALCINER (BRIEF INFO):

Dr. Yalciner organized the 35th International Conference on Coastal Engineering ICCE 2016, held in Antalya, Turkey, on November 17-20, 2016 as Co-chair.

Dr. Yalciner is in the Management Board of the European Union Seventh Framework project "Assessment, STrategy And Risk Reduction for Tsunamis in Europe - ASTARTE" [Grant No: 603839]. In the consortium of this three-year project (start: Nov 2013) there are 26 partners from 16 countries.

Dr. Yal ciner has served as consultant to International Atomic Energy Agency (IAEA) for the safety and mitigation strategies of Nuclear Power Plants (NPPs) against ts unami impact since 2007.

Dr. Yal ciner directed numerous basic and apllied projects at national and international level on tsunamis, storms, storm surges, seiched, hazards, risks and mitigation strategies for coastal defence strutures, critical sturtures, ports and even NPPs (sinop and Akkkuyu) funded by National organizations, TUBITAK, and international organizations European Union, NATO, private companies and UNESCO (field survey in Sumatra)

Dr. Yalciner is the director of partner METU in TSUMAPS-NEAM (Tsunami Risk Maps of North East Atlantic and Mediterranaen and Connected seas) Project funded by European Comission Directorate-General for European Civil Protection and Humanitarian Aid Operations. The project is being coordinated by INGV (National Institute of Geophsics and Vulcanology) Italy and consisted of 8 partners from different countries of European Union.

Dr. Yalciner is the coordinator of the TROYO (Training Of Youth for Preparedness Against Marine Induced Hazards) Project funded by Turkish National Agency of European Comission. The project is consisted of the 6 partners; one from Spain (University of Cantabria), one from Portugal (Institue of Portugese, Marine and Atmosphere), one from Russia (Special Research Bureau for Automation of Sciences, Far East Branch of Russian Academy of Sciences) and two from Turkey (METU and ECCO Consulting Co.). The project duration is from January 01, 2016 and August 31, 2018.

Dr. Yal ciner has directed partnership of METU in RAPSODI project (Risk Assessment and design of Prevention Structures fOr enhanced tsunami DIsaster resilience). The RAPSODI consortium consists of three European (NGI, METU, TU-BS), and one Japanese partner (PARI) and funded under the CONCERT JAPAN Program between

Dr. Yalciner is in the Advisory Board of ARISTOTLE (All Risk Integrated System TOwards Trans-boundary holistic Early-warning) Project funded by European Comission Directorate-General for European Civil Protection and Humanitarian Aid Operations. The project is being coordinated by INGV (National Institute of Geophsics and Vulcanology) Italy and consisted of 9 partners from different countries of European Union.

Dr. Yalciner organized the 26th International Tsunami Symposium, Gocek-Turkey, Rhodes-Greece, September 25-28, 2013 as the Chair of the Syposium together with Dr. Kanoglu, Dr. Synolakis, Dr. Papadopoulos.

Dr. Yalciner was one of the Work Package leaders of the TRANSFER project (Tsunami risk and strategies for the European region), funded by the European Union Seventh Framework Programme [2006-2009].

Dr. Yalciner organized the Conference on Marine Problems and Specific Solutions (COMPASS 2008) as the scientific director. The conference is the first international conference held in Maldives specifically for Marine Problems.

Dr. Yalciner organized International Conference on Natural and Human Made Hazards 2002 as co-director in 2002.

Dr. Yalciner organized NATO Advanced Research Workshop (NATO ARW) on Submarine Mass Movements and Tsunami Generation as co-director in 2001.

Dr. Yal ciner took the responsibilities in Technical and organizational issues as the Conference Chair in regularly held National Coastal Engineering Conferences in 2000 and 2005 organized by Turkish Camber of Civil Engineers.

Dr. Yal ciner has taken the responsibilities in organizing committees of numerous international scientific meetings and conferences.

He has contributed to the several international scientific projects in Aegean, Marmara, Mediterranean, Pacific Ocean, Caribbean, and Indian Ocean and contributed successfully to extend them to be more collaborative between Turkish, Greek, Italian, Japanese, United States, Russian, French, Indonesian, Malaysian scientists and develop more cooperation for exchange in civil engineering discipline. He is the leader of Work package Improvement of Tsunami Models in the ongoing European Union Project TRANSFER (Tsunami Risk and Strategies for European Region) which is coordinated by Prof. Stefano Tinti. Yalciner has also contributed to European Union Project SEAHELLARC in 2006-2009.

Dr. Yalciner has been selected as the international expert for the member of PIANC Working Group (WG53) Report No: 112-2010 titled Mitigation of tsunami disasters in Ports to prepare engineering and management guidelines for commercial harbors, marinas and small craft harbors under extreme conditions (storm surge and tsunamis).

Dr. Yal ciner has served Ministry of Planning and National Development of Maldives Government as a consultant to coastal utilization, island access and harbor development program for 11 weeks duration starting from mid July 2005. His consultancy has been extended in long term for the development of Maldives. Furthermore he has initiated the Special International Conference on Marine Problems and Specific Solutions (COMPASS) in Maldives on June 15-18, 2008. Further info is available in http://astarte.ce.metu.edu.tr/compass/Proceedings/

Dr. Yal ciner has directed international training course on tsunami numerical modeling which has been organized by UNESCO in Malaysia Kuala Lumpur in May, 2006 (two weeks) and June 2006 (two weeks) in Belgium Oostende for total 60 experts from Indian Ocean Countries.

Dr. Yal ciner has developed a new ts unami generation and propagation code NAMI DANCE in collaboration with Dr. Andrey Zayts ev, Anton Chernov, Prof. Pelinovsky, and Assist. Prof. Dr. Andrey Kukin. The code is also serving the supplementary tool for the Malaysia Tsunami Warning system.

Dr. Yalciner has led one of the International Tsunami Survey Teams for the field survey December 26, 2004 Sumatra Earthquake in Sumatra Island (Meulaboh, Simeulue, Medan in Indonesia. His work has been supported by UNESCO IOC.

Dr. Yal ciner has also extended his tsunami survey studies a bout Indian Ocean Tsunami in Malaysia, Maldives, and Sri Lanka.

Dr. Yalciner's one of the recent outstanding successes is to take part in one of the finalist projects for European Union Descartes Prize 2003 together with Japanese Scientists. (For more information please visit, http://www.cordis.lu/science-society/descartes/home.html). This Prize is one of the distinguished scientific prizes given by European Union, European Commission Research Directorate to the outstanding scientific and technological achievements resulting from European collaborative research. Dr. Yalciner was one of the coordinator in the Finalist Project THAMS "Tsunami Hazards Assessment and Mitigation Studies" in which the research teams from Japan, Turkey, Greece and Italy has taken part. For more info please link to http://yalciner.ce.metu.edu.tr/thams. The project is a good and fruitful example of collaboration between Japanese and European scientists and Engineers. The project has also provided the strong long term collaboration, achievements and contributions of Japanese civil engineering discipline at international stage.

Dr. Ahmet Cevdet Yalciner has been nominated by Turkish Chamber of Civil Engineers for the International Prize of Japanese Chamber of Civil Engineers for the years 2003 and 2004.

The paper Yuksel Y, Alpar, B., Yalciner, A.C., Cevik, E Celikoglu, Y, Ozmen, H I, Ozguven O, Bostan, T, (2003), has been awarded by Institute of Civil Engineers in United Kingdom as the overseas award among the papers published in 2003 in the Journals of Institution of Civil Engineers United Kingdom. He has played very active role in the international survey teams for the reconnaissance study of the damage on coastal structures by 1999 Izmit Earthquake.

He has given and currently giving the graduate and undergraduate courses on the various subjects of introduction to coastal engineering, marinas, introduction to ocean engineering and underwater operations, modeling of coastal engineering problems, coastal sedimentations, design of coastal structures, wave hydrodynamics, port planning and design.

Dr. Yalciner has long term, deep experience and intensive knowledge on the subjects of coastal and ocean engineering, researches on tsunamis and natural hazards with mathematical modeling of tsunami generation, propagation and coastal amplification for the Aegean sea, the sea of Marmara, the Mediterranean sea and California coasts of USA, physical and mathematical modeling of coastal processes, field measurements, underwater surveys and operations, coastal management, marine parks and technical diving.

Dr. Yal ciner has been granted by several international and national scientific organizations for various applied and basic researches as summarized below.

Dr. Yalciner has been granted by Matsumae International Foundation, Tokyo, Japan (6 months in 1987) for visiting Tohoku University to perform laboratory experiments on Ph. D. Thesis.

He has been granted by TUBITAK (Scientific and Technical Research Council of Turkey) with three Basic Science Projects (TUBITAK-DEBAG-38, TUBITAK-INTAG-827, TUBITAK YDABCAG-60) on tsunami modeling and paleotsunami studies along the Turkish coasts. Prof. Shuto, Prof. Imamura and Prof. Minoura from Tohoku University have been leaded and contributed these projects. The tsunami propagation models TUNAMI-N2, TUNAMI-F1 and TWO LAYER developed by Prof. Shuto and Imamura have been applied successfully to Turkish coasts in these projects.

He has been granted as a co-director by NATO Science Program (North Atlantic Treaty Organization, Science Program) for the organization of NATO Advanced Research Workshop on "Underwater Ground Failures on Tsunami Generation, Modeling, Risk and Mitigation" in May, 23-26, 2001 in Istanbul. Dr. Yalciner has also integrated the International experience and knowledge in this very prestigious and distinguished special workshop. One of the important outputs of this workshop is the book "Submarine Landslides and Tsunamis" edited by Yalciner, Pelinovsky, Okal, Synolakis and published by Kluwer Academic Publishers.

He has been granted several times by Middle East Technical University Research Fund (METU Research Fund) for several basic research projects on various subjects on Civil Engineering and Coastal Engineering. These projects have also been supported by Japanese colleagues.

He has been invited by University of Southern California Los Angeles, USA for directing the tsunami propagation modeling and inundation mapping and participating other tsunami modeling projects. He has developed and applied the Japanese tsunami propagation model (TUNAMI-N2) and has succeeded to license the upgraded version of TUNAMI-N2-v2 together with Prof. Fumihiko Imamura (from Japan) and Prof. Costas Synolakis (USA), and himself.

He has taken part in the MOMBUSHO International Cooperation Projects sponsored by Ministry of Education Japan and directed by Prof. Fumihiko Imamura, Tohoku University Japan. These projects have been conveyed since 1996 as the paleotsunami and modeling studies on "Historical Earthquakes and Associated Tsunamis in Aegean Sea, Marmara Sea and Mediterranean sea". Assoc. Prof. Dr. Yalciner has led Turkish group and collaborated with Greek and Japanese scientists very closely and productively in these projects.

He has supervised more than 20 master theses in Middle East Technical University, Civil Engineering Department. Some of his master students have obtained fellowships and are continuing graduate studies in University of Southern California and University of Tokyo.

He has chaired the Commission "the education in the civil engineering profession" in the Turkish Chamber of Civil Engineers in 2000-2003. The commission has worked on initiating and establishing professional civil engineering in Turkey.

He organized 6 international and 7 national scientific meetings on civil engineering subjects. He has reviewed numerous papers as a referee for the international scientific journals.

He conducted to be the member of Technical Program Committee of International Symposium on Offshore and Polar Engineering ISOPE and to be the country representative of Turkey.

He consulted Avrasya Consultants Co. for the marine engineering works and hydrographic surveys for Bosphorus Rail way Immersed Tube Tunnel Project which will be constructed under the sea bottom between Asia and Europe in Istanbul by Japanese and Turkish construction companies.

He has also consulted the Derinsu Engineering Company for the Marine Surveys in the Sea of Marmara for Turkish-Greek Gas Pipeline Project.

During his very close and productive collaboration between Japanese, American, Malaysian, and European Scientists (see publication list), he has succeeded to be a bridge to develop scientific and cultural cooperation and exchange of civil engineering discipline among the scientists and engineers from several countries all over the world.

Remarks and Experience:

Dr. Ahmet Cevdet Yalciner has been granted by Matsumae International Foundation in 1987 to study in Tohoku University in Sendai Japan. The Matsumae Grant and according study in Japan provided him to start the very close cooperation and valuable collaboration with Japanese scientists on various research subjects in Civil Engineering discipline. As seen from his professional record and list of publications, his close scientific relations with Japanese colleagues extended very widely and became internationally productive since then.

Dr. Yalciner has published numerous papers in the international books or refereed international journals of Science Citation Index. He has participated in more than 70 international 30 national conferences. He has published numerous full papers in the proceedings of international conferences; he has published and presented more than 30 abstracts in the international conferences; he has published more than 30 full papers in the proceedings of national conferences; he has published more than 30 full papers in the proceedings of national conferences; he has published more than 30 full papers in the proceedings of national conferences; he has published more than 30 full papers in the proceedings of national conferences; and published more than 15 abstracts in the proceedings of national conferences. He has organized 3 international and 6 national scientific meetings on Civil Engineering, Coastal and Ocean Engineering profession. He has directed more than 30 national basic and applied research projects, performed numerous consultancies, and participated in 15 international scientific projects. He has supervised 32 graduate students.

His being granted by NATO Science program for a NATO Advanced Research Workshop and his s uccess of organizing this Workshop on behalf of NATO, was recognized internationally as an outstanding and exceptional study.

Dr. Yalciner is the member of the executive board of International Society of Natural and Human Made Hazards (NHS), members of i) American Geophysical Union (AGU), ii) Turkish Chamber of Civil Engineers, and iii) International Tsunami Commission.

He had led the Turkish scientists in the long term very successful joint project (MOMBUSHO supported International Cooperation Projects of Japan) between Greek, Turkish and Japanese scientists on the "historical earthquakes and associated ts unamis in Aegean, Marmara and Eastern Mediterranean seas".

He has chaired the Commission in Turkish Chamber of Civil Engineers on the initiation and establishment of professional engineering system in Turkey in 2000.

He has worked in University of Southern California (1999-2000) as visiting Professor and has succeeded to extend his cooperation with Japanese scientists to US scientists. With the contributions of Dr. Yalciner in USA to the effective use of the Japanese ts unami propagation model TUNAMI-N2, The model has been licensed in United States by USA Ministry of Commerce with the names of Profs. Imamura (Japan), Yalciner (Turkey) and Synolakis (USA) in 2002.

He has established the Underwater Research Association in Turkey. He has supervised the survey group in his University (METU) for the underwater survey on sunken ships on southern coasts of Turkey and succeeded to discover a 1600 years old sunken ship at south eastern coast of Anatolia in Mediterranean.

He has performed numerous scientific works about Black sea, the Sea of Marmara, Aegean Sea, Eastern Mediterranean sea, California and Japan coasts of Pacific Ocean, Indian Ocean, Atlantic Ocean and Caribbean Sea.

He has led the International Tsunami Survey Team to make an intensive survey in Izmit bay just after the devastating 1999 Izmit Earthquake in Turkey. He has extended his support to the Japanese and Italian survey teams separately in two other field surveys. His outstanding efforts on field surveys in Izmit bay after the earthquake have been credited by CNN International in a news program and by Discovery channel in a documentary film.

He has intensive experience on 3-D physical modeling on the stability of breakwaters and coastal structures, physical modeling on agitation of harbors, experience on the modeling and analysis on the resonance of harbors, bays and basins, intensive experience in time series analysis of waves, including modeling, prediction, propagation of solitary wave, modeling of nearshore transformations of regular and irregular waves, design of sea outfall systems, detailed knowledge and long term experience on research and field measurements on current, sediment transport and wave characteristics.

He has worked on establishing professional engineering in Turkey. He is also one of the leading engineers on establishing design and construction codes of marine structures under seismic conditions in Turkey.

He has performed numerous successful direct consultancy services to many civil engineering companies for various civil engineering projects in Turkey, Europe and Asia.

He has taken effective role to set productive collaborations among especially Japanese, Turkish, US, European and Asian scientists on the various civil engineering, coastal and ocean engineering research and engineering projects.

Selected Publications:

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