

Curriculum Vitae  
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**Abstract**

Statistics-at-a-glance : Over 50,000 individual references in Google in english, 11500 in Google Scholar, > 119 reviewed papers with over 5000 ISI citations, ISI h-index 46, GS h-index 59, five edited books and over 220 conference presentations. A substantial part of my non-academic work is public outreach in K-12. I have been a talking head in over ten DISCOVERY, seven BBC, four National Geographic, four History Channel, one ZDF documentaries and over 400US and international TV appearances in US, Canadian, Turkish, Japanese, Vanuatu, PNG and Greek prime-time interviews. I have given twenty-five interviews to the *New York Times*, *Washington Post*, *the Wall Street Journal*, *the Economist*, *Der Spiegel*, *New Zurcher Zeitung*, *Le Monde*, and *El Pais*, and over 40 in the *Los Angeles Times*, *Seattle Post*, and *San Francisco Examiner*, > 200 interviews in Greek newspapers. I have penned eleven Wall Street Journal Editorials, most recently <https://www.wsj.com/articles/lessons-from-the-paradise-fire-1542577702>.

In 1995, I founded the first Tsunami Research Center in a US university, and have been its Director ever since. I have obtained >US\$ 7.0 million in individual US and EU grants (not including those with my name, while President of HCMR or TRC). I have given > 100 invited seminars, and about the same number of public outreach talks in primary and secondary schools. I have led or co-organized 25 international tsunami surveys, most recently in Krakatoa, a map is included on page 24. USC's Viterbi School of Engineering consistently ranks in the top ten in the *US News and World Report* rankings. In 2016, I was elected to the (then) 46-member Academy of Athens, which is the Greek National Academy for letters, arts, law, medicine, engineering and the sciences. In 2019, I was elected in a five-year term as Secretary of the Academy's Division of Natural Sciences.

## 1 EDUCATION

Ph.D., Civil Engineering, California Institute of Technology.	1986
M.S., Civil Engineering, California Institute of Technology.	1979
B.S., Engineering and Applied Science, California Institute of Technology.	1978

## 2 PROFESSIONAL POSITIONS

Secretary of the Division of Natural Sciences, Academy of Athens	2019
President, Hellenic Centre for Marine Research. HCMR is the Hellenic National Marine Sciences Centre with three institutes, one aquarium and two oceanographic ships.	2011–2013
Professor of Natural Disasters and Env. Fluid Mechanics, Technical University of Crete	2004
Professor of Civil, Environmental, Mechanical and Aerospace Engineering, University of Southern California (USC).	1997
Associate Professor of Civil, Environmental and Aerospace Engineering, USC.	1991
Visiting Professor, University of California, Berkeley.	1994
Assistant Professor of Civil and Environmental Engineering, USC.	1985

## 3 AWARDS AND HONORS

Member, <i>Academia Europaea</i> .	2019
<i>International Coastal Engineering Award of the American Society of Civil Engineers.</i>	2019
Member, <i>Academia Scientiarum et Artium Europaea</i> .	2017
Member, <i>Academy of Athens</i> .	2016
<i>The Moffatt and Nichol Harbor and Coastal Engineering Award of the American Society of Civil Engineers.</i>	2015
<i>The Sergey Soloviev Medal on Natural Hazards of the European Geosciences Union.</i>	2014
<i>The County of Los Angeles Award for Emergency Preparedness.</i>	2001
<i>Presidential Young Investigator, the White House.</i>	1989
<i>The Alexander Onassis Public Benefit Foundation Fellowship.</i>	1981

## 4 PUBLICATIONS IN PEER REVIEWED JOURNALS

- 119.– Foteinis, S., ten others and Synolakis, C.E., 2019, Spatial and Temporal Heterogeneity of Cs-134 and Cs-137 in Topsoil after the Fukushima Daiichi Nuclear Power Plant Accident and the Importance of Tsunami Debris Management. *Environmental Processes*, **6**(3), 561–579
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- 112.– Mitsotakis, D., Synolakis, C., McGuinness M., 2017, A modified Galerkin/finite element method for the numerical solution of the Serre-Green-Naghdi system, *International Journal of Numerical Methods in Fluids*, **83** (10), 755–778.

- 111.– Titov, V.V., Kanoglu, U., Synolakis, C.E., 2016, Development of MOST for Real-Time Tsunami Forecasting, *JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING*, **142** (6), UNSP 03116004.
- 110.– Kalligeris, N., Skanavis, V., Tavakoll, S., Ayka, A., El Safty, H., Lynett, P. and Synolakis, C.E., 2016, Lagrangian flow measurements and observations of the 2015 Chilean tsunami in Ventura, CA, *GEOPHYSICAL RESEARCH LETTERS*, **43** (10), 5217–5224, DOI: 10.1002/2016G109.– Okal E.A. and Synolakis, C.E., 2016, Sequencing of tsunami waves : why the first wave is not always the largest, *GEOPHYSICAL JOURNAL INTERNATIONAL* **204**, 719–735, doi: 10.1093/gji/ggv457.
- 108.– England, P., Howell, A., Jackson J., and Synolakis, C.E., 2015, Palaeotsunamis and tsunami hazards in the Eastern Mediterranean, *PHILOSOPHICAL TRANSACTIONS R. SOC. A* **373** (2053), DOI:10.1098/rsta.2014.0379.
- 107.– Synolakis, C.E. and Kânoğlu, U., 2015, The Fukushima accident was preventable, *PHILOSOPHICAL TRANSACTIONS R. SOC. A* **373** (2053), 1–23, DOI:10.1098/rsta.2014.0374.
- 106.– Howell, A., Jackson, J., England, P., Higham, T., and Synolakis C.E., 2015, Late Holocene uplift of Rhodes, Greece: evidence for a large tsunamigenic earthquake and the implications for the tectonics of the eastern Hellenic Trench System, *GEOPHYSICAL JOURNAL INTERNATIONAL* **203**, 459–474, DOI:10.1093/gji/ggv307.
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- 97.– Foteinis, S., Kallithrakas–Kontos, N.G. and Synolakis, C, 2013, Heavy Metal Distribution in Opportunistic Beach Nourishment: A Case Study in Greece, *THE SCIENTIFIC WORLD JOURNAL* , Article Number: 472149.
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88.– Titov, V.V., Moore, C.W., Greenslade, D.J.M., Pattiaratchi, C., Badal, R., Synolakis, C.E., Kânoğlu, U., 2011, A New Tool for Inundation Modeling: Community Modeling Interface for Tsunamis (ComMIT), *PURE AND APPLIED GEOPHYSICS* **168** (11), 2121–2131, DOI: 10.1007/s00024–011–0292–4.

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- 75.– Okal, E.A & Synolakis, C.E., 2008, Far-field tsunami hazard from mega-thrust earthquakes in the Indian Ocean, *GEOPHYSICAL JOURNAL INTERNATIONAL*, **172**, 995–1015.
- 74.– Dengler L., Uslu, B., Barberopoulou A., Borrero, J. and Synolakis C., 2008, The Vulnerability of Crescent City, California, to Tsunamis Generated by Earthquakes in the Kuril Islands Region of the Northwestern Pacific, *SEISMOLOGICAL RESEARCH LETTERS*, **79** (5), 609–620.
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- 71.– Fritz, H.M., Kongko W., Moore, A., McAdoo, B., Goff, J., Harbitz, C., Uslu, B., Kalligeris, N., Suteja, D., Kalsum, K., Titov, V., Gusman, A., Latief, H., Santoso, .E., Sujoko, S., Djulkarnaen, D., Sunendar, H., and Synolakis, C., 2007, Extreme runup from the 17 July 2006 Java tsunami. *GEOPHYSICAL RESEARCH LETTERS*, **34**, L12602.
- 70.– Okal, E.A., Borrero, J.C., Synolakis, C.E., 2006, Evaluation of Tsunami Risk from Regional Earthquakes at Pisco, Peru, *BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA*, **96**(5), 1634–1648,
- 69.– Sumer, B.M., Ansai, A., Cetin, K.O., Damgaard. J., Gunbar, A.R., Ottesen, N.E., Sawicki, A., Synolakis, C.E., Yalciner, A.C., Ykesel, Y., Zen, K., 2007, Earthquake-Induced Liquefaction around Marine Structures, *JOURNAL OF WATERWAY, PORT, COASTAL, AND OCEAN ENGINEERING*, **133**, 55–82.
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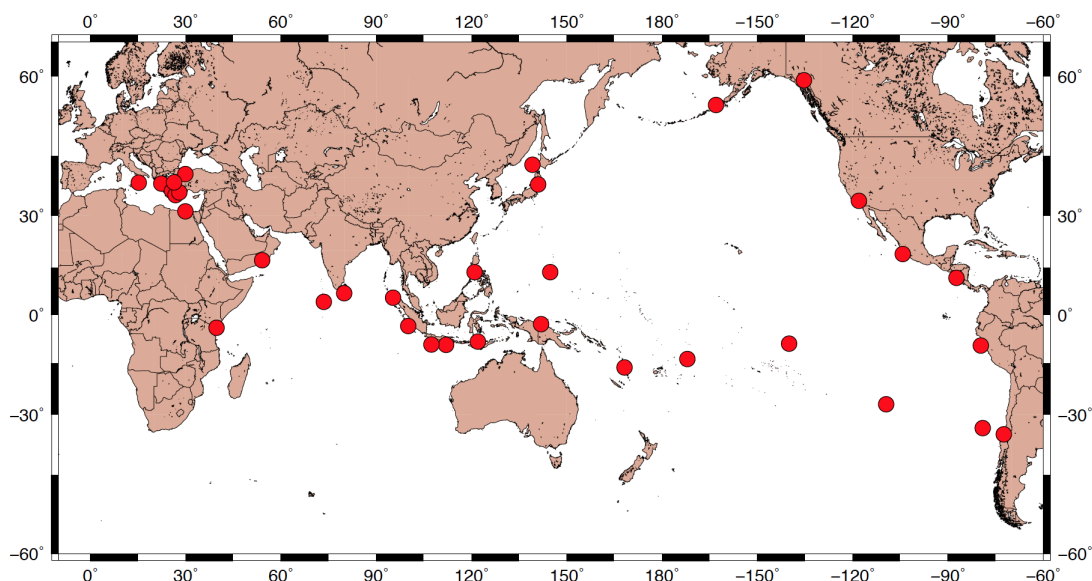
## 9 FIELD SURVEYS FOR EARTHQUAKES AND TSUNAMIS

31.– The 16 September 2015 Chilean tsunami in the far field,	9/15
30.– The 23 July 1949 Chios–Cesme earthquake and tsunami,	7/15
29.– The 3 March 2011 Great Japan tsunami in Guam and Saipan,	11/12
28.– The 3 March 2011 Great Japan tsunami, two different expeditions,	4/11 & 8/13
27.– The 27 October 2010 Mentawais, Sumatra tsunami,	11/10
26.– The 27 February 2010 Chile tsunami,	3/10
25.– The 3 January 2010 Solomon Islands tsunami (Student N. Kalligeris attended),	1/10
24.– The 29 September 2009 Samoan tsunami,	10/10
23.– The 10 April 2007 Solomon Islands tsunami (Student N. Kalligeris attended),	4/07
22.– The 17 July 2006 Central Javan tsunami,	7/06
21.– The 26 December 2004 Sumatra Megatsunami - 3 different expeditions, in Sri Lanka, India, Banda Aceh, Kenya and Oman	1/05–8/05
20.– The 30 December 2002 Stromboli, Italy, tsunami,	5/03
19.– The 9 September 2002 Papua New Guinea tsunami <sup>1</sup> ,	9/02
18.– The Unimak, Island field survey of the 1946 tsunami,	8/01
17.– The Easter and Juan Fernandez Islands survey of the 1946 tsunami,	11/00
16.– The Marquesas and Society Islands field survey of the 1946 tsunami,	7/00
15.– The 1993 Skagway, Alaska tsunami post even survey,	10/99
14.– The 17 November 1999 Pentecost, Vanuatu earthquake and tsunami,	12/99
13.– The 17 August 1999 Izmit, Turkey earthquake and tsunami,	8/99
12.– The 1 July 1998 Sissano, Papua New Guinea earthquake and tsunami,	7/98
11.– The 21 February 1996 Chimpote, Peru earthquake and tsunami,	3/96
10.– The 14 February 1996, Biak, Irian Jaya earthquake and tsunami <sup>2</sup> ,	3/96
9.– The 9 October 1995, Manzanillo, Mexico earthquake and tsunami,	10/95

<sup>1</sup>CES organized the US team, student Burak Uslu and post–doc Jose Borrero attended

<sup>2</sup>Organized US team, students Utku Kânoğlu and Jose Borrero attended





WORLDWIDE FIELD SURVEYS OF C.E. SYNOLAKIS 1992-2015

8.– The 15 June 1995, Aigion, Greece earthquake and tsunami,	6/95
7.– Post–event survey of the Nicaraguan coastline,	3/95
6.– The 14 November 1994, Mindoro, Philippines earthquake and tsunami,	11/94
5.– The 4 October 1994, Kuril islands, Russia earthquake and tsunami <sup>3</sup> ,	10/94
4.– The 2 June 1994, East Java, Indonesia earthquake and tsunami,	6/94
3.– The 17 January 1994, Northridge earthquake dam motions,	1/94
2.– The 12 December 1992, Flores, Indonesia earthquake and tsunami,	12/93
1.– The 1 September 1992, Nicaraguan earthquake and tsunami,	9/92

## 10 PhD THESES

11. – Kalligeris, Nikos (2017) *Turbulent Coherent Structures in Ports*, Ph.D. Thesis, University of Southern California, Los Angeles, California, 205pp.
10. – Evangelia Flouri (2017) *Tsunami hazards in South Aegean Sea*, Διδακτορική Διατριβή, Πολυτεχνείο Κρήτης, Χανιά, Ελλάδα. 140pp.
- 9.– Lesley Ewing (2014), *Community Resilience to Coastal Disasters*, Ph.D. Thesis, University of Southern California, Los Angeles, California, 186pp.
- 8.– Σπύρος Φωτεινής (2014), *Η διάβρωση των ακτών της Ελλάδος - αξιολόγηση και τρόποι αντιμετώπισης*, Διδακτορική Διατριβή, Πολυτεχνείο Κρήτης, Χανιά, Ελλάδα. 304pp.
- 7.– Μαρία Καζολέα (2013), *Higher order Boussinesq models in hydrodynamics*, Διδακτορική Διατριβή, Πολυτεχνείο Κρήτης, Χανιά, Ελλάδα. 200pp.
- 6.– Burak Uslu (2007), *Deterministic and Probabilistic Tsunami Studies in California from near and Farfield Sources*, Ph.D. Thesis, University of Southern California, Los Angeles, California, 194pp.
- 5.– Jose C. Borrero (2002), *Tsunami Hazards in Southern California*, Ph.D. Thesis, University of Southern California, Los Angeles, California, 220pp.
- 4.– Christophe Ruscher (1998), *The sloshing of trapezoidal reservoirs*, Ph.D. Thesis, University of Southern California, Los Angeles, California, 99pp.
- 3.– Titov V.V. (1997), *Numerical Modeling of Long Wave Runup*, Ph.D. Thesis, University of Southern California, Los Angeles, California, 150pp.

<sup>3</sup>Student Vasily Titov attended.

2.– Kânoğlu, U. (1996), *Analytical solutions of Long Wave Runup over Piecewise Linear Bathymetries*, Ph.D. Thesis, University of Southern California, Los Angeles, California, 180pp.

1.– Zhou, Z. (1995) *Maximum likelihood hyper-parameter estimation for Gibbs priors from incomplete data with applications in image processing*, Ph.D. Thesis, University of Southern California, Los Angeles, California, 181pp.

## 11 FUNDED RESEARCH, CONTRACTS AND GRANTS

2019–2019 *Field Survey of the 27 September 2018 Sulawesi Tsunami, National Science Foundation, CMMI-1906162, \$101,261.*

2015–2018, *Nonlinear Long Wave Amplification in the Shadow Zone of Offshore Islands, National Science Foundation, CMMI-1538624, \$668,815.*

2013–2016, *ASTARTE - Assessment, Strategy And Risk Reduction for Tsunamis in Europe, the EU Directorate of Research and Innovation, \$490,000.*

2013–2014, *THE EU PROMETHEUS 2014 PROJECT: an EU Civil Protection Mechanism Exercise, EU DG Echo, \$45,000.*

2012–2014, *Coastal measurements of waves and currents to determine shore protection measures in Chanea, the Prefecture of Crete, Greece, \$520,000.*

2012–2013, *RAPID: Measurements of activity concentrations in soils from the Fukushima NPP accident, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$15,000.*

2011–2012, *RAPID: Tsunami Reconnaissance of the 11 March 2011, Tohoku tsunami, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$100,000.*

2010–2011, *RAPID: Tsunami Reconnaissance of the 27 October 2010 Mentawai, Sumatra tsunami, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$95,000.*

2010–2011, *RAPID: Tsunami Reconnaissance of the 27 February 2010 Chilean tsunami, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$75,000.*

2009–2010, *RAPID: Tsunami Reconnaissance of the 29 September 2009 American Samoa and Samoa Islands Earthquake, OCE 1000694, Division of Ocean Sciences, National Science Foundation, with Professor H.M. Fritz, \$60,570.*

2006–2009, *TRANSFER – Tsunami risk and strategies for the European region, Ref: 37058 Funded under: FP6-SUSTDEV, EU Directorate for Research, \$440,000(approx).*

2009–2011, *Initial Waves from Deformable Submarine Landslides, CMMI 0928905 Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$166,614.*

2006–2008, *SGER: Reconnaissance Survey of the July 17, 2006 Central Javan Earthquake and Tsunami, CMMI 0646278, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, with Professor H.M., Fritz, \$39,950.*

2006–2008, *Inundation Maps for California, Governor’s Office of Emergency Services, \$208,866.*

2005–2006, *SGER: Reconnaissance Survey of the December 26, 2004 Great Sumatran Earthquake and Tsunami, CMMI 0531851, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, with Professor Jose Borrero, \$50,000.*

2004–2009, *Collaborative Research Utilizing NEES Facilities: Landslide Tsunamis and Runup CMMI 0324434, Division of Civil, Mechanical, and Manufacturing Innovation, The National Science Foundation, Amount : \$284,112.*

2003–2008, *Generation Mechanisms of Near-and-Far Field Tsunamis, CMMI 0301081, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$227,882.*

2003, *Reconnaissance Survey of the September 9, 2002 Papua New Guinea Earthquake and Tsunami, CMMI 0244537, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$36,000.*

2001–2006, *Cooperative Research: Coastal Effects of Tsunamis, CMMI 0099333, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$210,004.*

2001–2002, *Tsunami inundation maps for Monterey Bay, California, Governor’s Office of Emergency Services, \$52,000.*

2001–2003, *SGER: Field Survey of Easter Island, CMMI 0105171, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$45,673.*

2000–2001, *SGER : Field survey of the Marquesas Islands , CMMI 0092531, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$20,600.*

1999–2001, *Workshop on the Prediction of Underwater Landslide & Slump Occurrence And Tsunami Hazards Off Of Southern California, CMMI 9981789, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, with Professor JP. Bardet, \$47,204.*

1998–2001 *Tsunami standards and guidelines for the ports of Los Angeles and Long Beach, Federal Emergency Management Agency, \$640,345.*

1999–2000, *Tsunami inundation maps for Southern California, Governor’s Office of Emergency Services. \$98,000.*

1997–1998, *Workshop on Tsunamigenic Seafloor Deformations, CMMI 9713299, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation. With Professors G. Carrier, P. Liu, H. Yeh, \$35,000.*

1996–2001, *Cooperative Research: Three-Dimensional Effects of Tsunami Runup Onto a Coast-line, CMMI 9614221, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$189,718.*

1996–1997, *Field Survey of the February 17, 1996 Irian Jaya Tsunami , CMMI 9633792, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$13,464.*

1994–1997, *International Workshop on Long Wave Runup Models, CMMI 9416997 Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, with Professors Harry Yeh & Philip Liu, \$65,027.*

1994–1996, *The Sloshing of the Los Angeles Dam During the Northridge January 17, 1994 Earthquake, CMMI 9416509, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$50,155.*

1992–1997 *Cooperative Research: Three-Dimensional Effects of Tsunami, CMMI 9416509, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$234,067.*

1991–1996, *Emission of VOCs from asphalt paving, Southern California Air Quality Management District, with Professor Mike Pirbazari. \$438,986.*

1989–2007, *Presidential Young Investigators Award, CMMI 8957853, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$321,559.*

1991–1995, *Integrated analytical and experimental approaches in the evaluation of reinforced concrete structures, The Contactors’/Carpenters’ Cooperative Council, 1 of 8 co-pi/s. \$2,450,000.*

1990–1992, *International Workshop on the Runup of Long Ocean Waves Onto a Coastline, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$39,408.*

1999–2002, *The development of an asphalt core tomographer, The Strategic Highway Research Program of the NAS, with Professors R. Leahy, D., D. Yeh and V. Chang, \$954,000.*

1989–1992 *The Runup of a Tsunami (Seismic Sea Wave) on to a Shoreline, CMMI 8957853, Division of Civil, Mechanical, and Manufacturing Innovation, National Science Foundation, \$129,903.*

1989–1990, *Engineering Research Equipment Grant: LDV Measurements of Water Wave-Structure Interaction. CBET 8906898, Division of Chemical, Bioengineering, Environmental, and Transport Systems, National Science Foundation, with Prof. J.J. Lee., \$47,500.*

1987–1988, *The runup of cnoidal waves, The Faculty Research and Innovations Fund, USC, \$15,000.*

1986–1987, *The forces on an accelerating plate in a fluid with a free surface, The Faculty Research and Innovations Fund, USC, \$18,000.*

1986–1987, *Graphics software for analysis of deformation of fluid elements, IBM-ACIS, \$12,000.*

## 12 INVITED SEMINARS

105. – Association of Insurance Agencies, (Keynote Lecture)	12/2019
105. – ACLCF Plastics in the Ocean Workshop (Keynote Lecture)	10/2019
104.– University of California, Los Angeles (UCLA),	11/2018
103.– National University of Singapore,	5/2018
102.– Cornell University, Ithaca, NY,	7/2017
101.– Massachusetts Institute of Technology, Cambridge, Massachusetts,	2/2017
100.– Harvard University, Cambridge, Massachusetts,	11/15
99.– Virginia Polytechnic Institute, Blackburn,	11/15
98.– Royal Geological Society (Geological Society of London),	9/15
97.– Fire Department, Los Angeles County, Marina del Rey,	9/15
96.– American Society of Civil Engineers, Boston, Massachusetts,	9/15
95.– Δήμος Χανίων, Χανιά	4/15
94.– Northwestern University, Evanston, Illinois,	1/15
93.– California Institute of Technology, Pasadena,	11/14
92.– Goulandri Museum of Natural History, Athens	11/14
91.– Department of Civil Engineering, USC, Los Angeles,	9/14
90.– Middle East Technical University, Ankara,	5/14
89.– The Sergey Soloviev Medal Lecture, Vienna,	4/14
88.– TEDx Athens,	11/13
87.– University of Cambridge, Cambridge, UK	5/13
86.– Rotary Club, Chanea,	2/13
85.– Northwestern University, Evanston, Ill.	4/12
84.– Hellenic Chamber of Engineers, Patras,	1/12
83.– US Senate, Washington, DC.,	9/11
82.– Landesamt für Denkmalpflege und Archäologie, Halle/Saale, DE,	10/11
81.– Pythagorean Institute, Samos,	9/11
80.– Stanford University, Stanford, California	5/11
79.– Ελληνική Ψυχοαναλυτική Εταιρεία, Αθήνα,	3/11
78.– Τεχνικό Επιμελητήριο Ελλάδας, Πάτρα,	3/11
77.– US Navy, San Diego, California	2/11
76.– Department of Earth Sciences, Oxford University, Oxford,	1/11
75.– California Science Center, Los Angeles,	12/10
74.– Oregon State University, Corwalis, OR,	11/10
73.– Los Angeles County Fire Department, San Pedro, CA	4/10
72.– Liceo Lorenzo Bieza Vega, Easter Island, Chile,	3/10
71.– UNESCO- NEAMTWS Keynote, Istanbul	11/09
70.– California Seismic Safety Commission, San Francisco	10/09
69.– RegioClima - Keynote, Heraklion,	10/09
68.– UNESCO - NEAMTWS, Athens,	12/08
67.– Solutions to Coastal Disasters - Plenary speaker, Oahu	4/08
66.– Hellenic Society for the Protection of Nature,	4/08
65.– Museum of Natural History, Heraklion,	5/08
64.– Δήμος Χανίων, Ημέρα Περιβάλλοντος,	6/08
63.– Technical University of Crete,	6/08
62.– Municipality of Agia Galini, Greece,	6/08
61.– Hellenic Chamber of Engineers, Chalkis,	6/08
60.– Vandebuilt University, Saint Louis, Missouri,	11/07
59.– Foundation of Research and Technology Hellas,	10/07
58.– Bureau of Meteorology, Melbourne, Australia,	1/07
57.– German Science Foundation, Bremerhaven,	4/07
56.– UNESCO General Session on the Indian Ocean,	12/06
55.– Hellenic Chamber of Engineers, Chanea,	11/06
54.– Arizona State University,	4/06
53.– The Royal Society, London,	10/05
52.– Kyoto University, Kyoto, Japan,	9/05

51.-	<i>Foundation of Research and Technology, Heraklion</i>	9/05
50.-	<i>Massachusetts Institute of Technology, Cambridge,</i>	4/05
49.-	<i>Natural History Museum, Los Angeles,</i>	5/05
48.-	<i>Hellenic Centre for Marine Research, Athens,</i>	6/05
47.-	<i>Ecole Normal Supérieure,</i>	3/05
46.-	<i>Earthquake Engineering Research Institute,</i>	3/05
45.-	<i>Koshland Museum, National Academy of Sciences,</i>	2/05
44.-	<i>Indian National Science Academy, New Delhi.</i>	1/05
43.-	<i>Northwestern University, Department of Geological Sciences,</i>	10/04
42.-	<i>Aquarium of the Pacific keynote Lecture, Long Beach, California.</i>	10/02
41.-	<i>Southern California Earthquake Center, Los Angeles, California.</i>	1/01
40.-	<i>Middle East Technical University, Ankara,</i>	1/01
39.-	<i>Department of Geophysics, University of Chile, Santiago,</i>	11/00
38.-	<i>Pacific Marine Environmental Laboratory, NOAA.</i>	5/00
37.-	<i>Santa Monica Planetarium, Santa Monica, California.</i>	3/00
36.-	<i>California Institute of Technology, Pasadena, California,</i>	1/00
35.-	<i>Arizona State University, Tempe, Arizona,</i>	10/99
34.-	<i>The WPCOE Division, ASCE Los Angeles Technical Group.</i>	9/99
33.-	<i>US Coast Guard, Long Beach, California,</i>	6/99
32.-	<i>California Institute of Technology,</i>	4/99
31.-	<i>Engineering Honors Colloquium, USC.</i>	4/99
30.-	<i>Structural Engineering Association of Southern California, Los Angeles, California,</i>	3/99
29.-	<i>Div. Natural Hazards Mitigation, National Science Foundation, Washington, DC.,</i>	3/99
28.-	<i>California Institute of Technology, Pasadena, California,</i>	12/98
27.-	<i>State of California, Seismic Safety Commission,</i>	9/98
26.-	<i>Disaster Research Prevention Institute, Kyoto University,</i>	7/98
25.-	<i>Governor's Office of Emergency Services, State of California, Sacramento, California,</i>	4/97
24.-	<i>University of California, Los Angeles.</i>	1/98
23.-	<i>Bureau of Meteorology and Geophysics, Jakarta, Indonesia,</i>	6/96
22.-	<i>Arizona State University, Tempe, Arizona,</i>	4/96
21.-	<i>University of Notre-Dame, Lafayette, Indiana,</i>	11/95
20.-	<i>Department of Civil Engineering, Imperial College, London,</i>	6/95
19.-	<i>Stanford University, Palo Alto, California</i>	1/95
18.-	<i>Joint Department of Ocean Sciences and Geology, USC, Los Angeles,</i>	12/94
17.-	<i>University of California at Los Angeles,</i>	10/95
16.-	<i>Hawaiian Society of Professional Engineers, Kahului, Maui.</i>	5/95
15.-	<i>US Army Corps of Engineers, Waterways Experiment Station, Vicksburg, Missisipi,</i>	2/94
14.-	<i>Bureau of Meteorology and Geophysics, Jakarta, Indonesia.</i>	6/93
13.-	<i>Department of Aerospace Engineering, USC.</i>	3/93
12.-	<i>California Institute of Technology, Pasadena, California</i>	2/93
11.-	<i>University of California at Berkeley,</i>	1/93
10.-	<i>US Army Corps of Engineers, Waterways Experiment Station, Vicksburg, Missisipi,</i>	11/92
9.-	<i>University of Washington, Seattle,</i>	10/92
8.-	<i>NOAA-Pacific Marine Environmental Laboratory, Seattle, Washington,</i>	2/92
7.-	<i>University of Washington, Seattle,</i>	4/90
6.-	<i>Clarkson University, Potsdam, New York,</i>	11/90
5.-	<i>University of Washington, Seattle,</i>	4/90
4.-	<i>Clarkson University, Potsdam, New York,</i>	11/87
3.-	<i>Columbia University, New York, New York,</i>	9/86
2.-	<i>University of Southern California, Los Angeles,</i>	5/85
1.-	<i>University of California at Santa Barbara, Santa Barbara,</i>	5/84

### 13 OTHER APPOINTMENTS, PROFESSIONAL COMMITTEES

34. -	<i>Chairman, National Committee on Climate Change, Greece</i>	2019-present
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33. – Secretary, Division of Natural and Life Sciences, Academy of Athens, 2019–present
32. – President, Natural and Life Sciences Section, Academy of Athens, 2018–2019
31. – Environmental Panel, Hellenic National Council on Research and Technology, 2014–2017
30. – Engineering Faculty Council, USC, 2014–2015
29. – Secretary, Hellenic Section of the International Union of Geodesy and Geophysics, 2011–present
28. – The Maria Tsakos Charitable Foundation, Science Board of Directors, 2011–2014
27. – President, Committee on the Safety of Marine Activities, Ministry of Energy and Climate Change, 2011–2012
26. – The European Academies Science Advisory Council, Working Group on Marine Sustainability, 2013–present
25. – National Research Council Committee on the US National Tsunami Hazard Mitigation Program, 2008–2010
24. – Department of Commerce Review Panel for NOAA–Pacific Marine Environmental Laboratory, 2008
23. – Member of the Environmental Panel, Hellenic National Council on Research and Technology, 2008–2010
22. – President, UNESCO’s Hellenic Commission on Tsunamis, 2004–present
21. – Member, Hellenic Organization for Earthquake- (ΟΑΣΠ), 2008–2012
20. – Chair, UNESCO committee on the evaluation of ITS–PTWS (Pacific Tsunami Warning System), 2004–2008
19. – University Search Committee for the Dean of the School of Engineering, 2000–2001
18. – Senator, Academic Senate of the University of Southern California, 1998–2000
17. – Chairman of the Engineering Faculty Council, USC, 1998–1999
16. – Secretary of the Engineering Faculty Council, USC, 1998–1999
15. – University Committee on Promotions and Tenure, (The 6 person UCAPT votes on all promotion files throughout USC, after the promotion committees of departments and Schools submit their recommendations.) 1997–1999
14. – Representative at Large, School of Engineering, APT Committee (the Appointments, Promotions and Tenure Committee has one member elected from each department and ratifies all new appointments and promotions) , 1995
13. – Executive Committee, Department of Civil Engineering, USC, 1995
12. – University Athletic Facilities Advisory, USC, 1994–1996
11. – Senator, Academic Senate, USC, 1991–1993
10. – Engineering Faculty Council, USC, 1992–1993
9. – University Student Affairs Committee, USC, 1988–1991
8. – University Student Retention Committee, USC, 1989–1990
7. – University Bookstore Advisory, USC, 1992–1993
6. – Faculty Center Board of Directors, USC, 1988–1990
5. – Departmental Recruitment, Seminar, Computing Facilities, USC, 1988–1991
4. – Chairman, Graduate Student Council, California Institute of Technology (the GSC is elected body of the graduate students of Caltech), 1982–1984
3. – Graduate Student Representative, Faculty Board, California Institute of Technology, (the Faculty Board is the Academic Senate of Caltech), 1982–1984
2. – Committees on Graduate Standing, Convocations. Housing. Programs. Alumni Board of Directors, California Institute of Technology, 1981–1985
1. – Secretary, Graduate Student Council, California Institute of Technology (the GSC is elected body of the graduate students of Caltech), 1980–1982

## 14 PERSONAL INFORMATION

Member American Association for the Advancement of Sciences (AAAS) since 1984, American Society of Civil Engineers since 1979, American Geophysical Union, since 1986, American Physical Society since 1996, European Geosciences Union since 2002, Earthquake Engineering Research Council (1995–2008, New York Academy of Sciences (1986–1996), Sigma Xi, The Scientific Research Society (1985–2000) and Chi Epsilon, The Engineering Honors Society (1997–2000).

Citizen of the United States and of Greece. Married with Katerina Konidari, we have one 10 year old daughter.