Eric Calais - Publications

I. International journals

Published


Submitted


**II. Other journals**


III. Books


IV. Communications

Prof. Calais co-authored about 150 presentations at national and international meetings, including the American Geophysical Union Fall and Spring meetings, the International Union of Geodesy and Geophysics General meetings, the European Geophysical Union annual meetings. Invited presentations are listed below.

V. Invited Lectures and Seminars

- Les Houches School of Physics, October 1998.
- Presentation to the Senate Committee for Space, France, July 1999.
- French National Program on Natural Hazards (PNRN), Paris, January 2000.
- 10th General Assembly of the Wegener Project, San Fernando, September 2000.
- American Geophysical Union, Fall meeting, San Francisco, 2000.
- Workshop on the Geodynamics of the western part of the Eurasia-Africa plate boundary (Azores-Tunisia), San Fernando, June 2001.
- International Conference on Seismic Risk in the Caribbean and Central America, Santiago, Dominican Republic, Fall 2001.
- Interamerican Development Bank Seminars Series on Natural Hazards, Port-au-Prince, Haiti, Fall 2002 (3 lectures).
- Workshop on the Geodynamics of Central Asia, Bishkek, Kyrgyzstan, Fall 2002.
- Heiskanen Conference, Ohio State University, Fall 2002.
- American Geophysical Union, Fall meeting, San Francisco, 2003.
- Workshop on the Geodynamics of Central Asia, University of Paris 6, France, January 2005.
- W. Hinze Geophysics Symposium, Purdue University, November 2005.
- UNAVCO Science Workshop, ”Geodetic strain in plate interiors”, March 2006.
- American Geophysical Union, Invited Speaker, session G13 Plate motions and Deforming Zones, December 2007.
- European Geophysical Union, Keynote Speaker, Vienna, April 2008.
- AfricaArray meeting, Keynote Speaker, Cape Town, June 2008.
- University of Dar Es Salaam, Tanzania, August 2008 – Principles of GPS Data Processing.
- Lecturer and instructor, Advanced Workshop on “Evaluating, Monitoring and Communicating Volcanic and Seismic Hazards in East Africa”, Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy, August 17-28, 2009.
- American Geophysical Union Joint Assembly, “Engaging Haiti on the path toward earthquake safety”, Brazil, August 2010.
- Southern California Earthquake Center (SCEC) annual meeting, “The M7.0, 2010, Haiti earthquake: context and mechanism from an integrated geodetic study”, Palm Springs, Ca, September 2010.
- Multidisciplinary Center for Earthquake Engineering Research (MCEER) seminar series, “Quantification of seismic hazard in Haiti”, March 2011.
- Seismological Society of America Annual Meeting, “Present-day strain accumulation in the New Madrid seismic zone from GPS geodesy”, April 2011.
- World Bank workshop on Natural Hazards, invited presentation on “Seismic hazard and risk reduction in Haiti”, October 2011.
- Red Cross International Federation, workshop on Educating the Media on Risk Reduction, invited presentation on “Natural hazards and risks: the proper messages”, December 2011.
- Syracuse University Department of Earth Sciences, Annual Holmes Lecture, Syracuse, USA, April 2013.


- French Committee for Geodesy and Geophysics, Conference on GNSS and Science, invited lecture on “Recent contributions of space geodesy to Earth’s deformation”, Paris, January 2015.


- University of Grenoble, Geophysics Department, Seminar series on Urban Seismology, Seismic hazard assessment and risk analysis, Grenoble, July 2015.


- Scientific workshop of the SYNAPS project (Synergy between Scientists and Engineers to Improve Seismic Risk Assessment), Cachan, November 2015.


- Academia dei Lincei, Coloquium on the Resilience of Art Cities to Natural Catastrophes, Rome, October 2016.


- Vienna Catchment Science Symposium, “Explaining phenomena through models of different complexity”, “From observation to decision in aftermath of the 2010, Haiti, earthquake: complexity at the heart”, Vienna, Austria, April 2017.


- Geological Society of France Special Colloquium on Caribbean and Alpine Geodynamics, a Tribute to Marc Tardy, October 2018.


- Southwestern University, Georgetown, Texas, March 1993.
- University of Texas, Austin, March 1994.
- University of Strasbourg, School and Earth Observatory, France, March 1999.
- Veinig Meinesz School of Geodynamics, Utrecht, March 1998.
- University of Brest, European Institute of Marine Studies, France, March 2000.
- University of Montpellier, France, November 2000.
- Côte d’Azur Observatory, France, April 2001.
- University of Illinois, Chicago, Dept. of Earth Science, October 2003
- Oxford University, United Kingdom, Dept. of Earth Sciences, June 2004.
- University of Illinois, Champaign-Urbana, Dept. of Geology, September 2004.
- University of Arkansas, Dept. of Geology, February 2006.
- University of Brest, UMR Oceanic Domains, May 2008.
- University of Brest, European Institute for Marine Studies, June 2008.
- University of Missouri, Dept. of Geosciences, October 2008.
- Virginia Institute of Technology, Department of Geosciences, October 2009.
- Lamont Doherty Earth Observatory, and Department of Earth and Environmental Science at Columbia University, October 2009.
- Institut de Physique du Globe, Strasbourg, France, November 2009.
- Université d’état d’Haïti, Port-au-Prince, August 2010.
- Purdue University, College of Civil Engineering, February 2011.
- Northwestern University, Dept. of Earth Sciences, October 2011.
- San Diego State University, Geophysics Seminar, October 2012.
- Institut de Radioprotection et de Sureté Nucléaire (IRSN), General Seminar, February 2013.
- University of Nice, GeoAzur Seminar Series, May 2013.
- Oxford University, United Kingdom, Dept. of Earth Sciences Seminar Series, February 2014.
- University Pierre and Marie Curie (Paris 6), Geosciences Department Seminar Series, February 2014.
- University of Rennes, Geosciences Department Seminar Series, September 2014.
- University of Nancy, Research Center for Petrography and Geochemistry Seminar Series, November 2014.
- University of Montpellier, Earth Sciences Department Seminar Series, January 2015.
- University of La Rochelle, Geosciences Seminar Series, January 2015.
- University Antilles-Guyane, Earth Science Department Seminars, February 2015.
- Cambridge University, U.K., Bullard Labs Seminar Series, March 2015.
- GeoForschungZentrum (GFZ), Potsdam, Germany, March 2015.
- University of Nantes, Geosciences Seminar Series, March 2015.
- Total (Pau, France), Geophysics Research Seminar, January 2016.