

表8.2-1. 長期招聘者のリスト (2009-2014)

Name	Affiliation / Job Title	Country	Visiting Period	Host Researcher
Honorary title	Research Theme			

## Fiscal 2009

Martine J. Amalvict Visiting Associate Professor	Louis Pasteur University / Associate Professor	France	2009.04.01-2009.06.30	Assoc. Prof. Wenke SUN
	Changes in absolute gravity and multi-techniques observations at Oshima-Izu volcano.			
Bruno Reynard Visiting Researcher	Ecole normal superior de Lyon / Research Director	France	2009.04.01-2009.06.30	Prof. Hitoshi KAWAKATSU
	Mineralogical interpretation of tomographic imaging of subduction zones			
Xueming Shi Visiting Associate Professor	China University of Geoscience / Associate Professor	China	2009.04.01-2009.07.31	Prof. Hisashi UTADA
	Seafloor magneto telluric (MT) data analysis, forward and inversion using FEM method			
Alexey V. Kuvshinov Visiting Professor	ETH Zurich / Senior Research Scientist	Switzerland	2009.04.13-2009.07.10	Prof. Hisashi UTADA
	Anomalous behavior of geomagnetic solar quiet daily variation in Japan and its relation to the subterranean electrical structure			
Hermann M. Fritz Visiting Associate Professor	Georgia Institute of Technology / Associate Professor	U.S.A.	2009.05.11-2009.08.10	Prof. Yoshinobu TSUJI Assistant Prof. Fukashi MAENO
	Tsunamis generated by landslides and pyroclastic flows			
John G. Anderson Visiting Professor	University of Nevada / Professor	U.S.A.	2009.07.01-2010.03.31	Prof. Kazuki KOKETSU
	Earthquake Ground Motions and Hazards			
George Helffrich Visiting Professor	University of Bristol / Professor	England	2009.11.16-2010.04.30	Prof. Hitoshi KAWAKATSU
	Earth's mantle transition zone and the surface structure of the inner core			

## Fiscal 2010

Paul Davis Visiting Professor	University of California, Los Angeles / Professor	U.S.A.	2010.04.01-2010.07.31	Prof. Naoshi HIRATA
	Deep earthquake physics based on a comparison of broadband seismic data sets recorded in subduction zones in Japan, Mexico, Peru			
Oleg V. Pankratov Visiting Professor	Russian Academy of Sciences / Senior Research Scientist	Russia	2010.04.26-2011.01.25	Prof. Hisashi UTADA
	Processing of controlled source electromagnetic data for volcano monitoring			
Guojie Meng Visiting Professor	China Earthquake / Administration Professor	China	2010.06.11-2010.09.10	Prof. Teruyuki KATO
	1-Hz GPS data processing and its applications to the 12 May, 2008 Ms8.0 Wenchuan earthquake			
Thorsten W. Becker Visiting Associate Professor	University of Southern California / Associate Professor	U.S.A.	2010.09.01-2010.11.30	Prof. Hitoshi KAWAKATSU
	A Multi-disciplinary Model of the Pacific Upper Mantle			
Paul A. Rydelek Visiting Professor	Carnegie Institution of Washington / Visiting Investigator	U.S.A.	2010.11.17-2011.01.3	Prof. Kazuki KOKETSU
	Deployment of internet and on-site analysis for earthquake early warning			
Kate Hui Chen Visiting Associate Professor	National Taiwan Normal University / Associate Professor	Taiwan	2010.12.01-2011.01.31	Prof. Takashi FURUMURA
	Study on slab guided wave and scattering of seismic waves			
Christine M. McCarthy Visiting Researcher	Brown University / Post-doc Researcher	U.S.A.	2011.01.01-2011.03.31	Assoc. Prof. Yasuko TAKEI
	Experimental study of seismic attenuation			

## Fiscal 2011

Huseyin Serdar Kuyuk Visiting Researcher	Sakarya University / Assistant Professor	Turkey	2011.04.11-2011.07.3	Prof. Kazuki KOKETSU
	Developing next generation of ground motion attenuation model for Japan and Northeast Asia			
Vlatcheslav Stanislavovich Solomatov Visiting Professor	Washington University / Professor	U.S.A.	2011.07.01 - 2011.11.30	Prof. Satoru HONDA
	Effect of grain size variations on the mantle flow and seismic anomalies in mantle beneath the subduction zones			
Murray Jessica Ruth Moraleda Visiting Professor	U.S. Geological Survey / Research Geophysicist	U.S.A.	2011.09.01-2011.11.30	Assistant Prof. Junichi FUKUDA
	An algorithm for detecting transient deformation events in GPS data			

Fiscal2012

Alan William Rempel Visiting Associate Professor	Department of Geological Sciences, University of Oregon Associate Professor	U.S.A.	2012.04.01-2012.06.30	Assoc. Prof. Takahiro HATANO
	Dynamical model for fault zone thickness and its strength			
Tsukai Kevin Chao Visiting Researcher	Georgia Institute of Technology / Postdoc Fellow	U.S.A.	2012.06.28-2012.09.27	Prof. Kazushige OBARA
	Development of a mature ambient tremor detection system			
Ting Wang Visiting Associate Professor	University of Otago / Lecturer	New Zealand	2012.07.01-2012.11.30	Prof. Teruyuki KATO
	Earthquake forecasting experiments based on Hidden Markov Models incorporating stationary GPS observations in Japan			
Roberto Carniel Visiting Researcher	University of Udine / Researcher	Italy	2012.07.15-2012.10.14	Prof. Minoru TAKEO
	Volcanic regimes characterization			
Ramon Carbonell Visiting Professor	CSIC, Spanish National Research Council Professor of Research	Spain	2012.07.16-2012.11.30	Assoc. Prof. Takashi IDAKA
	Seismic Imaging the structure of the Upper Mantle in different tectonic scenarios			
Michael Halford Taylor Visiting Associate Professor	University of Kansas / Associate Professor	U.S.A.	2012.08.01-2012.11.30	Assistant Prof. Tatsuya ISHIYAMA
	Understanding recurrence intervals of large earthquakes in southern Japan: implications for improving seismic hazard mitigation			
Stuart Anthony Henrys Visiting Professor	GNS Science / Principal Scientist	New Zealand	2012.08.04-2012.12.03	Prof. Hiroshi SATO
	Unlocking the seismic zone: determining physical properties of the plate interface beneath the North Island of New Zealand.			
Jinhai Yu Visiting Professor	Graduate University, Chinese Academy of Science Professor	China	2012.08.30-2012.11.29	Prof. Shuhei OKUBO
	Theoretical and algorithmic study on recovering global gravity field using GOCE data.			
Sergy Svitlov Visiting Researcher	Friedrich-Alexander University Erlangen-Nuremberg Research Scientist	Germany	2012.09.01-2013.02.28	Assoc. Prof. Akito ARAYA
	Improvements in a free-fall absolute gravimeter with application in geophysical observations			
Richard Foa Katz Visiting Researcher	Oxford University / University Lecturer	England	2012.09.03-2012.12.02	Assoc. Prof. Yasuko TAKEI
	Rheological anisotropy in partially molten aggregates: Application to laboratory experiments and melt extraction from the mantle			
Pascal Tarits Visiting Professor	University of Western Brittany / Professor	France	2013.03.04-2013.06.03	Prof. Hisashi UTADA
	Electrical conductivity distribution in the Earth: Global and regional approaches			

Fiscal2013

Abhey Ram Bansal Visiting Associate Professor	National Geophysical Research Institute Senior Scientist	India	2013.03.17-2013.09.16	Assoc. Prof. Hiroshi TSURUOKA
	A systematic statistical analysis of global seismicity			
Dun Wang Visiting Researcher	Disaster Prevention Research Institute of Kyoto University Postdoctoral Fellow	China	2013.04.01-2013.09.30	Prof. Hitoshi KAWAKATSU
	A real time monitoring system for fast determination of rupture processes of large earthquakes			
Xiaowei Chen Visiting Researcher	University of California, San Diego / Postdoc Fellow	U.S.A.	2013.04.01-2013.07.31	Assistant Prof. Aitaro KATO
	Characteristic of earthquake clustering in different tectonic environments			
Giovanni Occhipinti Visiting Associate Professor	IPGP/University Paris Diderot / Associate Professor	France	2013.04.04-2013.08.03	Assistant Prof. Shingo WATADA
	Full 3D propagation of acoustic-gravity waves generated by earthquakes and tsunami in a realistic atmosphere			
Patrick Allard Visiting Professor	IPGP / CNRS / Director of Research	France	2013.04.08-2013.07.07	Prof. Minoru TAKEO
	Monitoring of volcanic activity based on geochemical and geophysical observations			
Guangyu Fu Visiting Associate Professor	Institute of Earthquake Science, China Earthquake Administration / Associate Professor	China	2013.04/16-2013.08.15	Assistant Prof. Yoshiyuki TANAKA
	Visco-elastic spherical dislocation theory and its application to the Tohoku-Oki Mw9.0 earthquake			
Thomas Martin Hearn Visiting Associate Professor	New Mexico State University / Associate Professor	U.S.A.	2013.10.01-2013.12.31	Prof. Hitoshi KAWAKATSU
	Amplitude/attenuation tomography for NE China and Japanese islands			
Marco Brenna Visiting Researcher	Massey University / Research Officer	New Zealand	2013.10.7-2014.02.6	Prof. Setsuya NAKADA
	Magma evolution in intra-plate alkaline volcanoes			

Chunsheng Lu Visiting Researcher	Cutin University /Senior Lecturer Microscopic Mechanisms of frictional Creep	Australia	2013.12.01-2014.02.28	Prof. Takehiro KOYAGUCHI
Douglas A. Wiens Visiting Professor	Washington University / Professor The Structure of Pacific Island Arc-Backarc Systems	U.S.A.	2014.01.09-2014.06.08	Prof. Hitoshi KAWAKATSU

*Planned long-term and short-term visiting post-docs and professors for the period of 2014*

Name Honorary title	Affiliation /Job Title	Country	Visiting Period	Host Researcher
Research Theme				
Adrien OTH Visiting Researcher	European Center for Geodynamics and Seismology Research Scientist Exploring the impact of lateral stress drop variations on ground motion and seismic intensity observations	Luxembourg	3 months	Assistant Prof. Hiroe MIYAKE
Vanessa Mary Rachel ANDRADE Visiting Researcher(PD)	Centre for Earth Sciences, Indian Institute of Science, Bangalore /Research Associate Paleo earthquake and tsunami events along coastal lowlands	India	6 months	Prof. Kenji SATAKE
Xin ZHOU Visiting Researcher(PD)	University of Chinese Academy of Sciences Research Scientist Study on post-seismic deformations of the 2011 Tohoku (Mw 9.0) mega thrust from geodetic data	China	9 months	Prof. Shuhei OKUBO
Won Young KIM Visiting Professor	Lamont-Doherty Earth Observatory, Columbia University Lamont Research Professor Plate-Margin Earthquakes in Far East around SW Japan – Yellow Sea Region	U.S.A.	3 months	Prof. Kenji SATAKE
Severine ROSAT Visiting Researcher	IPGS-EOST (CNRS and Univ. of Strasbourg) Research Associate Reduction of atmospheric pressure noise on horizontal seismograms of F-net stations in the long-period seismic band	France	3 months	Assistant Prof. Shingo WATADA
Chin-Wu CHEN Visiting Researcher	Institute of Oceanography at the National Taiwan University /Assistant Professor (1) temporal change in seismic velocity structure of the Soufriere Hills Volcano in Montserrat, West Indies (2) using Japanese seismic network data to image subduction zones around Taiwan	Taiwan	3 months	Assistant Prof. Fukashi MAENO
Benchun DUAN Visiting Associate Professor	Department of Geology & Geophysics, Texas A&M University /Associate Professor Controls on Rupture Propagation of the 2011 Mw9.0 Tohoku-Oki Earthquake	U.S.A.	4 months	Assoc. Profs. Nobuki KAME
Anne F. SHEEHAN Visiting Professor	Geological Sciences University of Colorado at Boulder Professor Seafloor sediment and crustal structure from joint inversion of seafloor compliance, receiver functions, and surface waves	U.S.A.	4 months	Prof. Hitoshi KAWAKATSU
Einat LEV Visiting Researcher	Lamont-Doherty Earth Observatory, Columbia University Lamont /Assistant Research Professor Emplacement and Rheology of the Shinmoedake 2011 Lava Dome	U.S.A.	3 months	Assistant Prof. Fukashi MAENO