

Curriculum Vitae (01. 03. 2011)

Masako Tominaga

Ph.D, Postdoctoral Scholar

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Nationality: Japanese

Gender: Female

EDUCATION

Ph.D, May 2009, Geological Oceanography, Department of Oceanography, Texas A&M University
M.S., August 2005, Geological Oceanography, Department of Oceanography, Texas A&M University
B.Eng., March 2002, Rock Mechanics and Petroleum Production Laboratory,
Department of Natural Resource and Environmental Engineering, Waseda University, Tokyo, Japan

PROFESSIONAL EXPERIENCE

2009.9.1-present	Postdoctoral Scholar, Dept. of Geology and Geophysics, Woods Hole Oceanographic Institution
2010. 9.7-2010.12.21	Lecturer, Dept. of Earth and Environmental Geosciences, Boston College
2009.4.27-2009.7.27	Postdoctoral Research Associate, Dept. of Oceanography, Texas A&M University (sponsor: Mitch Lyle)
2003.1.1-2009.2.27	Graduate Research Assistant, Dept. of Oceanography, Texas A&M University (advisor: Will Sager)
2007. 2.16-2007.2.31	Part Time Scholar, Paleomagnetism Lab., JAMSTEC
2005. 7.1 -2005.8.31	Adjunct Trainee for IODP Expt. 309, JAMSTEC
2004.12.1 -2005.3.31	Adjunct Trainee for IODP Exp. 305, JAMSTEC*

* JAMSTEC = Japan Agency for Marine-Earth Science and Technology

RESEARCH INTERESTS: Earth's magmatism, Mid-Ocean Ridge processes and crustal/lithosphere evolution (Ultra-slow to super-fast spreading regimes), Global and regional scale plate tectonics, evolution of Hydrogeology and physical properties of the oceanic lithosphere, Jurassic- Early Cretaceous Pacific geodynamics, and Jurassic- Early Cretaceous Geological Time Scale, Marine Geophysics and Geology Approaches including Potential field data analyses, Multi-Channel Reflection Seismic, High-resolution bathymetry, Scientific Ocean Drilling, Petrophysics, Downhole Logging, Numerical Modeling, Geomagnetism, Rock Magnetism and Paleomagnetism.

FIELD EXPERIENCE (8 cruises/351 days sea-time as of Dec. 2010, *italic = scheduled*)

2011	<i>Hawaiian Jurassic Crust, R/V T. G. Thompson (scheduled 11/04/2011-12/17/2011)</i>
2011	<i>IODP Expedition 335 Superfast Spreading Crust 4 (Physical Properties Specialist/USSSP)</i>
2009	IODP Expedition 324 Shatsky Rise (Paleomagnetic Specialist/USSSP)
2008	NERC-JC21 Hess Deep Site Survey (Marine Geophysicist, invited)
2007	NSF-IODP Site Survey KNOX06RR: the Ninety East Ridge (Co-chief in training)
2005	IODP Expedition 312, Superfast Spreading Crust 3 (Geophysics/USSSP)
2005	IODP Expedition 309, Superfast Spreading Crust 2 (Physical properties specialist/JDESC)
2005	IODP Expedition 305, Atlantis Massif (Paleomagnetist/JDESC)
2004	Deep-tow seismic survey, the Sigsbee Escarpment, Gulf of Mexico (Geophysicist)

- 2003 Texas Parks and Wildlife Side Scan sonar Project 2002, Shallow water side-scan sonar environmental site survey in Galveston Bay (Field Assistant)
- 2002/2003 NSF TN152 Deep-tow magnetic survey in the Pacific Jurassic Quiet Zone (Geophysicist)
- 2002 Earth Science spring field trip (10days NM, AZ, CA, and NV), Department of Science/School of Education, Waseda University (Student)
- 2000 Summer short course in oil sand field, Fort McMurray, Canada, JAPEX Canada / Canada Oil Sands Co. Ltd. (Student)

TEACHING

- 2010 Lecturer, Marine Geology (GE530) Fall 2010
Department of Earth and Environmental Geosciences, Boston College
- 2009 Guest lecturer, Science 100 (Fall Semester 2009, broadcasted from onboard D/V JOIDES Resolution), the Division of Science and Mathematics, University of the Virgin Islands.
- 2009 Guest lecturer, Islands of Natural Hazard, Physical Geology 100 (Spring semester 2009), Salem State College, Massachusetts.
- 2000-2001 Part time teacher for 9th grade summer & winter high school entrance exam preparation course (Math and Science), Kanagawa Association of Education. Ltd

OUTREACH

- 2010 Judge for Science Fair, Lawrence School, Falmouth, MA.
- 2009 Participant in IODP Exp.324 outreach program (National Museum of Nature and Science, Tokyo)
- 2009 Lead proponent for the white paper to IODP-US Advisory Committee “Workshop to broaden the participation in IODP science and programs”
- 2009 Event Coordinator/Supervisor, “Compute This” (geological/environmental), Texas Science Olympiad, College Station, TX
- 2009 Judge for 2009 International Sustainable World (Energy, Engineering, and Environment) Project Olympiad, Houston, TX
- 2008 Judge for Science Fair, Harmony Science Academy (K-12), Bryan, TX
- 2007 Participant in “Sea90E” (NSF-IODP JOI Learning, <http://www.joilearning.org/sea90e/>)

GRANTS and CONTRACTS

<Funded>

- 2010 PI, NSF-OCE 1029965 Collaborative Research: A Deep-AUV Magnetic and Seismic Study of the Hawaiian Jurassic Crust—The Global Significance of Jurassic Magnetic Anomalies. (Co-PIs: M. Tivey, D. Lizarralde, W. Sager, and A. Oakley) (09/15/2010-08/31/2012)
- 2010 Co-PI, Developing Underwater Cosmic-Ray Muon Radiography – A Novel Application to Image the Inside of Active Submarine Volcanoes (Co-PIs: Karl von Reden (PI), Norm Farr, and Cliff Pontbriand)(12/01/2010-11/30/2011).
- 2010 Named Postdoc (M. Kurz (PI)), WHOI Independent Research Grants: Fluid Tracers in the Ocean Crust: New Noble Gas Studies from Ocean Drilling (06/01/2010-05/31/2012).
- 2010 Named Postdoc (M. A. Tivey (PI)), NSF-OTIC 0961163: Collaborative Research: Developing Prototype Drifters to Measure the Geomagnetic Field in the Oceans. (Co-PIs: B. Owens, W. Sager) (07/01/2010-06/30/2013)
- 2010 PI, IODP USSSP Post Expedition Award: IODP Expedition 324: Shatsky Rise—Northwest Pacific Ocean/Downhole Log-Based Lithology and Magnetic Characterization of Holes U1347A, U1348A, and U1349A at the Shatsky Rise .
- 2006 PI, IODP USSSP Post Expedition Award T324A26: Core-Log Reorientation and Integration of Expedition 312 Samples: Foundation for Interdisciplinary Direction Study of Superfast Spreading Oceanic Crust IODP Expedition 312.

<Pending>

- PI, NSF-OCE: Collaborative Research: Faulting in the Oceanic Lithosphere—High-resolution near-bottom AUV survey of EPR 14° S. (Co-PIs: S. A. Soule, E. Choi)

Co-PI, NSF-OCE Collaborative Research: Collection of Magnetic Anomaly Data to Define Hotspot-Ridge Interaction for Western Walvis Ridge Using Classic and Novel Techniques. (Co-PIs: M. Tivey, W. Sager)

Named Postdoc, NSF-OCE: Mantle Variability and Crustal Accretion Along the Azores Rise. (PI: H. Dick)

Named Postdoc, NSF-OCE: In Search of a Popping Rock (PI: M. Kurz)

<Other proposals pending>

Lead Proponent of two IODP-APL proposals, forwarded to SPC:

Revealing the in situ Structural Orientation and Crustal Architecture of DSDP Hole 418A

(Co-Proponents: K. Becker, G. Wheat, and Y. Harigane)

Revealing the in situ Crustal Architecture in DSDP/ODP Hole 504B

(Co-Proponent: K. Becker, G. Wheat, Y. Harigane, and D. Teagle)

AWARDS

2009 Distinguished Graduate Student Awards in Research, The Association of Former Students and the Office of Graduate Studies at Texas A&M University.

2008 Schlanger Ocean Drilling Fellowships

2007 Outstanding Student Paper Award, AGU Fall 2007 Meeting

2005 Geosciences Graduate Excellence Scholarship, College of Geoscience, Texas A&M University

2002 College of Geoscience GERAC Fellowship, Texas A&M University.

SERVICE

External

2010-2013 IODP Science Technology Panel

2010 Judge for the best student paper award, Ocean Science (OS21C), AGU Fall 2010 Meeting

2010 Report writing committee: IODP Mohole Workshop, Kanazawa, Japan

2009 Steering committee and mentor for OceanLeadership-IODP "IODP Primer: An Introduction to Ocean Drilling Programs", San Francisco, CA.

2009 Co-convenor for Geomagnetism and Paleomagnetism general session (GP01), AGU fall meeting 2009, San Francisco.

Internal

2009-2010 Vice Chair and Department representative (Dept. of Geology and Geophysics), Postdoctoral Association, Woods Hole Oceanographic Institution

2006-2007 Geological Oceanography Section Representative, Oceanography Graduate Council, Department of Oceanography, Texas A&M University

2005 Graduate student representative, Ocean Drilling and Sustainable Earth Science (ODASES) faculty search committee, College of Geoscience, Texas A&M University.

2004-2005 Geological Oceanography Section Representative, Oceanography Graduate Council, Department of Oceanography, Texas A&M University

Review

National Science Foundation (OCE/MGG), Earth and Planetary Science Letters

WORKSHOP PARTICIPATION (*Italic = invited*)

2011 *Geological Carbon Capture & Storage in Mafic and Ultramafic Rocks*, Muscat, Sultanate of Oman.

2010 Reaching the Mantle Frontier: Moho and Beyond, Carnegie Inst., Washington D.C.

2010 IODP Mohole Workshop, Kanazawa, Japan

2010 AGU Chapman Conference on detachments in oceanic lithosphere: Deformation magmatism, fluid flow, and ecosystems, Agros, Cyprus.

2010 National Postdoctoral Association, 8th Annual Meeting, Philadelphia
 2010 National Summit on Gender and the Postdoctorate, Philadelphia
 2009 USSSP: Scientific Ocean Drilling of Mid-Ocean Ridge and Ridge-Flank Settings (University of Texas, Austin)
 2009 InterRidge Workshop: Melting, Magma, Fluids and Life: Workshop for Scientific Ocean Drilling (Southampton, UK)
 2009 International Continental Drilling Project-workshop on the Colorado Plateau Coring Project, Albuquerque, New Mexico.
 2009 InterRidge Deep-Sea Mining of Seafloor Massive Sulfides: A Reality for Science and Society in the 21st Century (Woods Hole, MA)
 2009 Marine Geoscience Leadership Symposium (Consortium for Ocean Leadership, Washington D.C.)
 2008 GSA short course: Fundamentals of seismic structural analysis and hydrocarbon analysis for graduate students, Houston, TX.
 2008 Ridge2000 Community Meeting.
 2006 IODP-Mission Moho Workshop, Portland, Oregon.

MEMBERSHIP American Geophysical Union

PUBLICATIONS

In Preparation

Tominaga, M., Review: Downhole microresistivity imagery in the upper oceanic lithosphere, *Tectonophysics*, *invited*.
 Malinverno, A., J. C. Hildebrandt, and M. Tominaga, A M-sequence geomagnetic polarity time scale that minimizes global spreading rate variations and incorporates cyclostratigraphic information, in prep.
Tominaga, M., M. A. Tivey, C. J. MacLeod, and D. J. Shillington, Characterization of the in situ magnetic and lithologic architecture of Hess Deep using near-bottom vector magnetic data, in prep.

Submitted

Boulila, S., J. G. Ogg, P. A. Przybylski, B. Galbrun, L. A. Hinnov, A. Coe, M. Tominaga, and W. W. Sager, Pacific spreading rates during Late Jurassic and Early Cretaceous, *Geology*, submitted.

In Revision

Blackman, D. K., B. Ildefonse, B. E. John, Y. Ohara, D. J. Miller, and IODP 304-305 Science Party, Drilling constraints on lithospheric accretion and evolution at Atlantis Massif, Mid-Atlantic Ridge 30°N, *Journ. Geophys. Res.*, *in revision*.
 Veloso, E., R. Anma, M. Tominaga, N. Hayman, N. Astudillo, Karuya, R. González, T. Yamazaki, and C. Arriagada, Construction Mechanism of Sheeted Dike Complex at Superfast-Spreading oceanic ridges, insights from IODP Hole 1256D (Eastern Pacific), *G-cubed*, *in revision*.

Published (peer-reviewed)

Tominaga, M., Lyle, M. C., and Mitchell, N., 2011, Seismic Interpretation and the Quantification of the Pelagic Sedimentation Regime over 10-53 Ma Equatorial Pacific, *Geochem. Geophys. Geosys.*, accepted.
Tominaga, M., and W. W. Sager, 2010, Revised Pacific M-anomaly Geomagnetic Polarity Time Scale, *Geophys. Journ. Int.*, 182, 203-232.
Tominaga, M., and S. Umino, 2010, East Pacific Rise Lava Deposition History: the First Cross Section View of the Superfast Spreading Upper Oceanic Crust, *Geochem. Geophys. Geosys.*, Q05003, doi:10.1029/2009GC002933.
Tominaga, M., and W. W. Sager, 2010, The Tectonic Origin of the Magnetic Smooth Zone in Early Cretaceous North Atlantic, *Geophys. Res. Lett.*, 37, doi:10.1029/2009GL040984
 Xixi Zhao and M. Tominaga, 2009, Paleomagnetic and rock magnetic results from lower crustal rocks of IODP Site U1309: implication for thermal and accretion history of the Atlantic Massif,

- Tectonophysics*, doi:10.1016/j.tecto.2009.04.017.
- Tominaga, M., D. A. H. Teagle, J. C. Alt, and S. Umino, 2009, Determination of the Volcanostratigraphy of Oceanic Crust Formed at Superfast Spreading Ridge: Electrofacies Analyses of ODP/IODP Hole 1256D, *Geochem. Geophys. Geosys.*, 10, Q01003, doi:10.1029/2008GC002143.
- Iwashita, D., N. Morita, and M. Tominaga, 2008, Shear-type Borehole Wall Shifts Induced during Lost Circulations, *Soc. Petrol. Eng. Dril. Compl.*, 23, 301-313.
- Swift, S., M. Raichow, A. Tikku, M. Tominaga, and L. Gilbert, 2008, Vertical velocity structure of upper ocean crust at ODP Hole 1256D, *Geochem. Geophys. Geosys.*, *Q10013*, doi:10.1029/2008GC002188.
- Tominaga, M., W. W. Sager, M. A. Tivey, and S. M. Lee, 2008, Deep-tow Profile Study of the Pacific Jurassic Quiet Zone and Inferences for the Geomagnetic Polarity Reversal Timescale and Jurassic Geomagnetic Field Behavior, *Journ. Geophys. Res.*, 113, doi:10.1029/2007JB005527.
- Oceanic core complexes and crustal accretion at slow-spreading ridges, 2007, Ildefonse, B., D. K. Blackman, B. E. John, Y. Ohara, D. J. Miller, C. J. MacLeod, and Integrated Ocean Drilling Program Expeditions 304/305 Science Party, *Geology*, 35, 623-626.
- Tivey, M. A., W. W. Sager, S. Lee, and M. Tominaga, 2006, Rapid magnetic field reversal and low amplitude as a cause of the Pacific Jurassic Quiet Zone, *Geology*, 34, 9, 789-792, doi:10.1130/G22849
- Tominaga, M., W. W. Sager, and J. E. T. Channel, 2006, Paleomagnetism of the Basaltic Section, Site 1213, Shatsky Rise, In Bralower, t. J., Premoli Silva, I., and Malone, M. J., (Eds.), *Proc. ODP, Sci. Res.*, 198: College Station, TX (Ocean Drilling Program), 1-15.
- Wilson, D. S., D. A.H. Teagle, J. C. Alt, N. R. Banerjee, S. Umino, S. Miyashita, G. D. Acton, R. Anma, S. R. Barr, A. Belghoul, J. Carlut, D. M. Christie, R. M. Coggon, K. M. Cooper, C. Cordier, L. Grispini, S. R. Durand, F. Einaudi, L. Galli, Y. Gao, J. Geldmacher, L. A. Gilbert, N. W. Hayman, E. Herrero-Bervera, N. Hirano, S. Holter, S. Ingle, S. Jiang, U. Kalberkamp, M. Kerneklian, J. Koepke, C. Laverne, H. L. Lledo Vasquez, J. MacLennan, S. Morgan, N. Neo, H. J. Nichols, S. Park, M. K. Reichow, T. Sakuyama, T. Sano, R. Sandwell, B. Scheibner, C. E. Smith-Duque, S. A. Swift, P. Tartarotti, A. A. Tikku, M. Tominaga, E. A. Veloso, Toru Yamazaki, S. Yamazaki, and C. Ziegler, 2006, Drilling to Gabbro in Intact Ocean Crust, *Science*, 312, 1016-1020.

CONTRIBUTION TO DATA BANK and BOOK CHAPTERS

- Ildefonse, B., N. Abe, D. K. Blackman, J. P. Canales, Y. Isozaki, S. Kodaira, G. Meyers, K. Nakamura, M. Nedimovic, A. C. Skinner, N. Seama, E. Takazawa, D. A> H. Teagle, M. Tominaga, S. Umino, D. S. Wilson, and M. Yamao, 2010, The Mohole: A Crustal Journey and Mantle Quest, Workshop in Kanazawa, Japan, 3-5 June 2010, *Scientific Drilling*, 10, 56-63.
- Expedition 324 Preliminary Report: "Testing plume and plate models of ocean plateau formation at Shatsky Rise, northwest Pacific Ocean", doi:10.2204/iodp.pr.324.2010
- Tominaga, M. and M. C. Lyle, Multi-channel seismic reflection data processing: TUIM03 site survey cruise (UTIG Marine Seismic Data Bank).
- Expedition 304/305 Scientists, 2006. Site U1309. In Blackman, D.K., Ildefonse, B., John, B.E., Ohara, Y., Miller, D.J., MacLeod, C.J., and the Expedition 304/305 Scientists, *Proc. IODP, 304/305: College Station TX (Integrated Ocean Drilling Program Management International, Inc.)*. doi:10.2204/iodp.proc.304305.103.2006
- Expedition 309/312 Scientists, 2006. Superfast spreading rate crust 3: a complete in situ section of upper oceanic crust formed at a superfast spreading rate, IODP Prel. Rept., 309. doi:10.2204/iodp.pr.312.2006. <http://iodp.tamu.edu/publications/PR/312PR/312PR.html>.
- Expedition 309 Scientists, 2005. Superfast spreading rate crust 2: a complete in situ section of upper oceanic crust formed at a superfast spreading rate. IODP Prel. Rept., 309. doi:10.2204/iodp.pr.309.2005. <http://iodp.tamu.edu/publications/PR/309PR/309PR.html>.
- Expedition 305 Scientists, 2005. Oceanic Core Complex 2. IODP Prel. Rept., 305. doi:10.2204/iodp.pr.305.2005. <http://iodp.tamu.edu/publications/PR/305PR/305PR.html>.

COLLOQUIA (invited)

- Morris, T., and M. Tominaga, 2009, Advances in core-log correlation using Formation MicroScanner imagery: core reorientation (by Morris) and lithostratigraphy (by Tominaga) in hard-rock IODP drill holes, Melting, Magma, Fluids and Life– Challenges for the next generation of scientific ocean drilling into the oceanic lithosphere, Southampton, UK.
- Tominaga, M., W. W. Sager, M. A. Tivey, and S. Lee, 2006, Magnetic Anomaly Analyses and its Implications about the Pacific Jurassic Quiet Zone, Geological Oceanography Seminar, Graduate School of Oceanography, University of Rhode Island.
- Tominaga, M., W. W. Sager, M. A. Tivey, and S. Lee, 2004, Deep-tow magnetic analyses of the Pacific Jurassic Quiet Zone, Friday Seminar, Institute for Frontier Research on Earth Evolution, Japan Agency for Marine-Earth Science and Technology.

CONFERENCES (* = *presented*, *Italic* = *submitted*)

- Tominaga*, M., and F. Klein, Downhole magnetic and physical property logging of serpentinitized peridotite and carbonate-altered serpentinite. ICDP 2011 Geological Carbon Capture & Storage in Mafic and Ultramafic Rocks, Oman.
- Macleod, C. J., M. Tominaga*, M. A. Tivey, A. Morris, and D. J. Shillington, Characterization of the in situ magnetic and lithologic architecture of Hess Deep using near-bottom vector magnetic data, AGU Fall meeting 2010.
- Mitchell, N. C., M. Tominaga*, N. Dubois, and M. W. Lyle, The equatorial Pacific sedimentary system, AGU Fall meeting 2010.
- Tominaga*, M., The leading edge of basement logging science: The detailed in situ volcanic architecture, crustal construction processes, vacancy for water, minerals, and microbes, and beyond, AGU Fall meeting 2010.
- Hildebrandt, J. C., A. Malinverno, and M. Tominaga, A M-sequence geomagnetic polarity time scale modeling that steadies spreading rates globally and incorporates cyclostratigraphy constraints, AGU Fall meeting 2010.
- N.C. Mitchell, M. Tominaga, and M. W. Lyle, The equatorial Pacific pelagic sedimentary system, PP43A-01, AGU The Meeting of the Americas, Foz do Iguassu, Brazil,
- Tominaga*, M., and W. W. Sager, Origin of the Magnetic Smooth Zone in Early Cretaceous North Atlantic, AGU Chapman Conference, Cyprus.
- Tominaga*, M., and S. Umino, Lava Deposition History in ODP/IODP Hole 1256D: Insights from Log-based Volcanostratigraph, Scientific Ocean Drilling of Mid-Ocean Ridge & Ridge-Flank Settings Workshop, Austin, TX.
- Morris, T., and M. Tominaga*, Advances in core-log correlation using Formation MicroScanner imagery: core reorientation and lithostratigraphy in hard-rock IODP drill holes, Melting, Magma, Fluids and Life– Challenges for the next generation of scientific ocean drilling into the oceanic lithosphere, Southampton, UK.
- Tominaga*, M., Architecture of the Upper Oceanic Crust, Marine Geoscience Leadership Symposium, Consortium for Ocean Leadership, Washington D. C.
- Teagle, D. A. H., and the ODP Leg 206 and IODP Expedition 309/312 Science Parties Team, Insights on the formation and evolution of the upper oceanic crust from deep drilling at ODP/IODP Hole 1256D, EGU2009-11042.
- Lissenberg, C. J., K. A. Howard, C. J. MacLeod, D. J. Shillington, D. A. H. Teagle, K. M. Gillis, and JC-21 Scientific Party, Petrology of fast-spreading lower oceanic crust exposed at Hess Deep: Preliminary results from cruise JC-21, EGU2009-10364.
- Tominaga*, M., S. Umino, D. A. H. Teagle, J. C. Alt, 2008, The upper crustal formation at the superfast-spreading East Pacific Rise: Insights on the lava deposition history at Hole 1256D, Eos Trans. AGU, 89(53), Fall Meet. Suppl., Abstract V43I-03.
- Sager, W.W., and M. Tominaga, 2008, Paleomagnetic of basaltic rocks cored from the Walvis Ridge, South Atlantic and implications for hotspot paleolatitude, Eos Trans. AGU, 89(53), Fall Meet. Suppl., Abstract GP14A-05.
- Swift, S. A., Stephen, R. A., Reichow, M. K., Tikku, A. A., Tominaga*, M., and Gilbert, L. A., 2008, Velocity structure of upper oceanic crust at ODP Site 1256, EOS Trans. AGU, 89(53), Fall Meet. Suppl., Abstract V51F-2107.

- Tominaga*, M., J. C. Alt, S. Umino, and D. A. H. Teagle, ODP/IODP Hole 1256D volcanostratigraphy: a cross-section view of the East Pacific Rise upper oceanic crust and new insights of lava deposition history, 2008, Ridge 2000 community Meeting 'Mantle to Microbe: Integrated Studies at Oceanic Spreading Centers', Portland, Oregon. Abstract volume is available at: http://www.ridge2000.org/science/meetings/mantle_to_microbe_spring2008.php
- Tominaga*, M., D. A. H. Teagle, Alt, J. C., and S. Umino, 2007, Determination of Volcanostratigraphy of ODP/IODP Hole 1256D: Quantitative and Qualitative Core-Log Integration, Eos Trans. AGU, 88(52), Fall Meet. Suppl., Abstract OS51A-0178.
- Sager, W. W., and M. Tominaga*, 2007, A Robust Compilation of the Pacific M-anomaly Geomagnetic Polarity Sequence, Eos Trans. AGU, 88(52), Fall Meet. Suppl., Abstract T13A-1131.
- Eisin, A., Paul, C. F., W. W. Sager, Pringle, M. S., Frey, F. A., K. Krishna, D. Gopala Rao, O. Levchenko, M. Tominaga, L. A. Nemazi, D. Soule, S. Hilding-Kronforst, 2007, Preliminary Geophysical Results from the Ninetyeast Ridge Expedition, AGU Fall meeting, Eos Trans. AGU, 88(52), Fall Meet. Suppl., Abstract V21B-0610.
- Tominaga, M.*, and W. W. Sager, 2006, The revised compilation of the Mesozoic Geomagnetic Polarity Time Scale and its Implication, Eos Trans. AGU, 87(52), Fall Meet. Suppl., Abstract GP11A-0059.
- Zhao, X., J. Cheng, and M. Tominaga, 2006, 'New Paleomagnetic and Rock Magnetic Results from Lower Crustal Rocks of IODP Site U1309, Atlantis Massif', Eos Trans. AGU, 87(52), Fall Meet. Suppl., Abstract GP11A-0054.
- Iwashita, D., N. Morita, and M. Tominaga, 2006, 'Shear-Type Borehole Wall Shifts induced During Lost Circulations', SPE Annual Technical Conference and Exhibition, Poster session.
- Awaji, S., Abe, N., Andal, E., Awaji, S., Hirose, T., Ishimaru, S., Maeda, J., Michibayashi, K., Nakagawa, N., Nozaka, T., Ohara, Y., Tamura, A., Tominaga, M., Yamasaki, T., and IODP Expedition 304/305 Shipboard Scientific Party, 2005. Petrography and geochemistry of basalt and diabase from Site U1309, IODP Expeditions 304 and 305, Atlantis Massif, Mid-Atlantic Ridge [2005 Japan Earth and Planetary Science Joint Meeting, Chiba, 22–26 May 2005].
- Maeda, J., Abe, N., Andal, E., Awaji, S., Hirose, T., Ishimaru, S., Michibayashi, K., Nakagawa, T., Nozaka, T., Ohara, Y., Tamura, A., Tominaga, M., Yamasaki, T., and IODP Expedition 304/305 Shipboard Scientific Party, 2005. A multiply-intruded gabbroic oceanic crust drilled at Site U1309, IODP Expeditions 304 and 305, Atlantis Massif, Mid-Atlantic Ridge: a preliminary result [2005 Japan Earth and Planetary Science Joint Meeting, Chiba, 22–26 May 2005].
- Ohara, Y., Abe, N., Andal, E., Awaji, S., Hirose, T., Ishimaru, S., Maeda, J., Michibayashi, K., Nakagawa, N., Nozaka, T., Tamura, A., Tominaga, M., Yamasaki, T., and IODP Expeditions 304/305 Shipboard Scientific Party, 2005. IODP Expeditions 304/305 at an oceanic core complex: Atlantis Massif, Mid-Atlantic Ridge [2005 Japan Earth and Planetary Science Joint Meeting, Chiba, 22–26 May 2005].
- Tominaga*, M., W. W. Sager, M. A. Tivey, and S. Lee, 2004, Deep-tow Study of Magnetic Anomalies in the Pacific Jurassic Quiet Zone', Eos Trans. AGU, 85(47), Fall Meet. Suppl., Abstract GP43B-0856.
- Tominaga*, M., N. Morita, and D. Iwashita, 2002, 3-D fracture analysis around borehole under in-situ effective stress with Boundary Element Method, The Japanese Association for Petroleum Technology Spring Meeting, Oral presentation.