

9. 研究成果

9.1 研究成果の概要

研究業績として、平成 20～22 年度に発表された発表論文等をまとめて整理した。業績の区分は、防災研究所自己点検データベースの定義に従い、以下、

- (A) 完全査読論文
- (B) 一般査読論文
- (C) 解説・総説
- (D) 著書
- (E) 紀要・報告書
- (F) 講義・講演会テキスト
- (G) 新聞・雑誌記事
- (H) 講演会概要集
- (I) 学術誌

に分類した。

「(A) 完全査読論文」は、定期的に刊行される学術雑誌(journal)に掲載された peer reviewed paper, 「(B) 一般査読論文」は講演会を伴いその講演会で発表される論文が前もって発表論文として査読されるものである。また、いわゆる「審査なし論文」については、「(E) 紀要・報告書」、「(F) 講義・講演会テキスト」、「(G) 新聞・雑誌記事」、「(H) 講演会概要集」、「(I) 学術誌」に細分類し、論文の種類がより詳細にわかるようにした。なお、論文の分類に当たっては、自己申告に従っている。

(A) の完全査読論文の総数は 657 編（前回：700 編）であり、(B) の一般査読論文の総数は 243 編（前回 177 編）である。一人一年あたりの発表論文数で比較すると以下のとおりである。

- (A) 2.1 編/人（前回 2.2 編/人）
- (B) 0.8 編/人（前回 0.6 編/人）

一人一年当たりの総論文数は、前回とほぼ同じであるが、「(A) 完全査読論文」が減少し、「(B) 一般査読論文」が増加している。(C) の解説・総説は計 57 編（前回 86 編）、(D) の著書は計 53 編（前回 55 編）、(E) の紀要・報告書は、計 189 編、(F) の講義・講演会テキストは、計 19 編、(G) の新聞・雑誌記事は、計 17 編、(H) の講演会概要集は、計 286 編、(I) の学術誌は、41 編であった。

(B) ～ (I) に関わる業績に関しては、各研究者が自己診断・評価の項目と考え、社会への貢献や防災学の啓蒙活動の重要性を認識することも、今後の防災研究所の発展のためには必要で

あろう。

次節に、完全査読論文と著書についてのみ、リストアップしておく。

9.2 研究成果リスト一覧

総合防災研究グループ

完全査読論文

- ZHENG Nanshan, TAKARA Kaoru, TACHIKAWA Yasuto, KOZAN Osamu : Analysis of Vulnerability to Flood Hazard Based on Land Use and Population Distribution in the Huaihe River Basin, China, 京都大学防災研究所年報, B51, pp.83-91, 2008.
- Pradhan, N.R., Ogden, F.L., Tachikawa Yasuto, Takara Kaoru : Scaling of slope, upslope area, and soil water deficit: Implications for transferability and regionalization in topographic index modeling, Water Resources Research, doi:10.1029/2007WR006667, 12, 44, 2008.
- Nakano Kazuyoshi, Tatano Hirokazu : Economic Restoration Process after Natural Disasters under a Mutual Relationships between Industrial Sectors, Proceedings of the IEEE International Conference on Systems, Man and Cybernetics, pp.2895-2900, 2008.
- Mishra, B.K., Takara, K., Tachikawa, Y. : NRCS curve number employed hydrologic homogeneous regionalization in regional flood frequency analysis, Advances in Hydro-science and Engineering, Proceeding of the 8th International Conference on Hydro-Science and Engineering (ICHE2008), 8, 2008.
- 中野一慶, 多々納裕一 : 産業間の相互依存性を考慮した自然災害による経済被害の整合的評価方法, 土木計画学研究・論文集, 1, 25, pp.255-266, 2008.
- 佐山敬洋, 立川康人, 寶馨, 増田亜美加, 鈴木琢也 : 地球温暖化が淀川流域の洪水と貯水池操作に及ぼす影響の評価, 水文・水資源学会誌, 4, 21, pp.296-313, 2008.
- 牧野育代, 寶馨 : 多変量解析を用いた丹波川流域における水質形成に関する研究, 水工学論文集, 土木学会, 52, pp.1141-1146, 2008.
- 佐山敬洋, 立川康人, 寶馨 : バイアス補正カルマンフィルタによる広域分布型流出予測システムのデータ同化, 土木学会論文集B, 4, 64, pp.226-239, 2008.
- 永谷言, 高田康史, 寶馨, 佐山敬洋 : A Study on Prediction of Sediment into Reservoirs Using a Distributed Rainfall and Sediment Runoff Model, 分布型降雨土砂流出モデルを用いた貯水池土砂流入量予測に関する研究, 第4回土砂災害に関するシンポジウム論文集, 2008.
- Tatano Hirokazu, Tsuchiya Satoshi : A Framework of Economic Seismic Loss Estimation for Transportation Network Disruption, Natural Hazards, 2, 44, pp.253-265, 2008.
- Nakano, K., Tatano, H. : Economic restoration process after natural disasters under mutual relationships between industrial sectors, IEEE International Conference on Systems, Man and Cybernetics, DOI: 10.1109/ICSMC.2008.481173, pp.2895-2900, 2008.
- 多々納裕一 : How to create a field for flood risk reduction in a local government?, 水害に強い地域形成のための舞台づくり, 日本リスク研究学会誌, 1, 18, pp.11-16, 2008.
- Yoshida M., Tatano, H. : Coalition-proof payment plan in delegation of design verification in public works, IEEE International Conference on Systems, Man and Cybernetics, pp.3274-3279, 2008.
- 土屋哲, 多々納裕一, 岡田憲夫 : A Framework for Economic Impact Assessment due to Disruption of Lifeline Utilities from Earthquakes, 地震災害時のライフライン途絶が及ぼす経済被害の計量化に関する研究, 地域安全学会論文集, 10, pp.355-364, 2008.
- Liang Q.-M., Tsuchiya S., Tatano H., Okada N., Wei Y.-M. : An application of SCGE model to assess the labour and capital related economic loss in Nankai earthquake, International Journal of Risk Assessment and Management, 4, 8, pp.412-423, 2008.
- 藤見俊夫, 多々納裕一 : 曖昧性回避が地震保険の加入選択に及ぼす影響の定量分析, 日本リスク研究学会誌, 2, 18, pp.47-58, 2008.
- Akizuki, Y., Tanaka, T., Yamao, K : Calculation Model for Travel Speed and Psychological State in Escape Routes Considering Luminous Condition, Smoke Density and Exacuee's Visual Acuity, Fire Safety Science, Proc. of 9th Int'l Symposium, 2008.
- Suzuki, K., Tanaka, T., Harada, K. : Tunnel Fire Simulation Model with Multi-Layer Zone Concept, Fire Safety Science, Proc. of 9th Int'l Symposium, 2008.
- Tanaka, T., Himoto, K. : Development and Validation of Physics-based Urban Fire Spread Model, Fire Safety Journal, 7, 43, pp.477-494, 2008.
- 樋本圭佑, 西田幸夫, 諸隈貴寛, 芝真理子, 秋元康男, 北後明彦, 関澤愛, 田中哮義 : 地域防災力評価のための消防用可搬ポンプを利用した消火活動実験, 日本建築学会計画系論文集, 634, 73, pp.2665-2672, 2008.
- 徐偉, 岡田憲夫, 徐小黎, 史培軍 : 基本管理システムとしてみた災害避難所計画の概念モデル, 地害学 Journal of Catastrophology ZAIHAIXUE, 4, 23, pp.59-65, 2008.
- 松原悠, 岡田憲夫, 羅貞一 : 参加型防災ワークショップ技法の有効性と適用可能性に関する比較分析, 土木学会関西支部年次学術講演会, 2008.
- 岡田憲夫 : 安心安全のまちづくりと参加型リスクマネジメント -パースペクティブと各論文の位置づけ-, 日本リスク研究学会誌, 1, 18, pp.3-9, 2008.
- Ana Maria Cruz, Norio Okada : Methodology for preliminary assessment of Natech risk in urban areas, Natural Hazards, 46, pp.199-220, 2008.
- 矢守克也, 舩木伸江 : 語り部活動における語り手と聞き手との対話的關係, 質的心理学研究, 7, pp.60-77, 2008.

- Ana Mmaria Cruz, Norio Okada : Consideration of natural hazards in the design and risk management of industrial facilities, *Natural Hazards*, 2, 44, pp.213-227, 2008.
- Robert Bajek, Yoko Matsuda, Norio Okada : Japan's Jishu-Bosai-soshiki community activities; analysis of its role in participatory community disaster risk management, *Natural Hazards*, 2, 44, pp.281-292, 2008.
- Tao Ye, Muneta Yokomatsu, Norio Okada : Combined International and Intergenerational Disaster Risk Diversification -- An Innovative Instrument for Government Intervention into the Private Disaster Insurance Program, *The Proceedings of the 2008 IEEE International Conference on Systems, Man, and Cybernetics*, pp.2887-2894, 2008.
- Subhajyoti Samaddar, Norio Okada : Modelling and analysis of rainwater harvesting technology disseminating process based on Social Networks Threshold Approach, *The Proceedings of the 2008 IEEE International Conference on Systems, Man, and Cybernetics*, pp.1494-2501, 2008.
- Zhang Chao, Norio Okada, Muneta Yokomatsu, Yoko Matsuda : Bottleneck Analysis of Disaster Risk Communication Problems Based on Post-disaster Field Surveys -Case Studies of Two Typhoon Disasters in Japan, *Journal of Natural Disaster Science*, 1, 30, pp.13-24, 2008.
- Wei-Bin YU, Muneta YOKOMATSU, Norio OKADA : Contribution of Group Loan to Sustainability of Chinese Agricultural Communities: Collaborative Development of Community Disaster-prevention Infrastructure, *The 21st EAROPH (Eastern Regional Organization for Planning & Human-Settlements) World Congress and Mayors' Caucus*, pp.6-8, 2008.
- Yuling Liu, Norio Okada, Yukiko Tacheuchi : Dynamic Route Decision Model-based Multi-agent Evacuation Simulation-Case Study of Nagata Ward, Kobe, *Journal of Natural Disaster Science*, 2, 28, pp.91-98, 2008.
- Aniello Amendola, Joanne Linnerooth-Bayer, Norio Okada, Peijun Shi : Towards integrated disaster risk management : case studies and trends from Asia, *Natural Hazards*, 44, pp.163-168, 2008.
- 竹内裕希子, Xu Wei, 矢守克也, 梶谷義雄, 岡田憲夫 : コミュニカティブ・サーベイ手法による参加型災害リスクコミュニケーション—防災ゲーム「クロスロード」の活用 —, *日本リスク研究学会誌*, 1, 18, pp.39-44, 2008.
- BHANDARI Roshan B., OKADA Norio : Urban Diagnosis as a Method to Assess Vulnerability of Communities in the Context of Spatial Planning and Management; Kathmandu Valley, *京都大学防災研究所年報*, B51, pp.147-155, 2008.
- 林国夫, 吉川肇子, 矢守克也, 田和淳一 : 防災教育ツール「ぼうさいダック」の開発と実践 - 呉市消防局の事例を中心に -, *日本リスク研究学会誌*, 3, 17, pp.103-110, 2008.
- Chuyang He, Norio Okada, Qiaofeng Zhang, Peijun Shi, Jinggang Li : Modelling dynamic urban expansion processes incorporating a potential model with cellular automata, *Landscape and Urban Planning*, 86, pp.79-91, 2008.
- A.M.Cruz, Norio Okada : Diagnosis of NATECH risk in urban areas: A Methodology for preliminary assessment, *Geophysical Research Abstracts*, 10713, , European Geosciences Union, 1607-7962/EGU06-A-10713, 8, 2008.
- 横松宗太, 湧川勝己, 小林潔司 : Households' Liquidity Constraint and Economic Valuation of Disaster Mitigation, *家計の流動性制約と防災投資の経済評価*, *土木学会論文集*, 1, 64, pp.24-42, 2008.
- 河田恵昭, 林春男, 矢守克也, 牧 紀男, 鈴木進吾 : 防災問題における資料解析研究(35), *京都大学防災研究所年報*, A51, pp.139-144, 2008.
- 阪本真由美, 河田恵昭, 奥村与志弘, 矢守克也 : 開発途上国の災害復興に対する国際支援事例研究(1)—インドネシアの津波・地震災害復興に関する考察—, *地域安全学会論文集*, 10, pp.243-251, 2008.
- Ueda Takayuki, Ochi Seiki, Yokomatsu Muneta : Knowledge and Skill for Infrastructure Technology, *Selected Proceeding of 11th Uddevalla Symposium 2008 on Spatial Dispersed Production and Network Governance*, pp.537-552, 2008.
- Zhang Chao, Okada Norio, Yokomatsu Muneta, Matsuda Yoko : Bottleneck Analysis of Disaster Risk Communication Problems Based on Post-disaster Field Surveys -Case Studies of Two Typhoon Disasters in Japan, *Journal of Natural Disaster Science*, 1, 30, pp.13-24, 2008.
- Binaya Kumar Mishra, Takara Kaoru, Tachikawa Yasuto : Integrating the NRCS Runoff Curve Number in Delineation of Hydrologic Homogeneous Regions, *Journal of Hydrologic Engineering*, ASCE, 1084-0699, 14, pp.1091-1097, 2009.
- MISHRA Binaya Kumar, TAKARA Kaoru, YAMASHIKI Yosuke, TACHIKAWA Yasuto : Estimation of Index Flood in Hydrologic Regions with Limited Flood Data Availability, *Annual Journal of Hydraulic Engineering*, JSCE, 53, pp.55-60, 2009.
- LEE Giha, TACHIKAWA Yasuto, SAYAMA Takahiro, TAKARA Kaoru : Effect of Spatial Variability of Rainfall on Catchment Responses in Mesoscale Mountainous Area, *Annual Journal of Hydraulic Engineering*, JSCE, 53, pp.7-12, 2009.
- MONDONEDO Carlo, TACHIKAWA Yasuto, TAKARA Kaoru : Neyman-Scott Rainfall Model Parameters as Indicators of Temporal Change in Historical Rainfall, *Annual Journal of Hydraulic Engineering*, JSCE, 53, pp.109-114, 2009.
- KIM Sunmin, TACHIKAWA Yasuto, NAKAKITA Eiichi, TAKARA Kaoru : Reconsideration of Reservoir Operations Under Climate Change: Case Study with Yagisawa Dam, Japan, *Annual Journal of Hydraulic Engineering*, JSCE, 53, pp.115-120, 2009.
- ZHENG Nanshan, TAKARA Kaoru, YAMASHIKI Yosuke, TACHIKAWA Yasuto : Assessing Vulnerability to Regional Flood Hazard Through Spatial Multi-Criteria Analysis in the Huaihe River Basin, China, *Annual Journal of Hydraulic Engineering*, JSCE, 53, pp.127-132, 2009.
- 寶 馨, 小林健一郎 : Hydrological Frequency Analysis Methods Suitable to the Sample Size of Extreme Events, 標

- 本サイズと水文頻度解析, 水工学論文集, 土木学会, 53, pp.205-210, 2009.
- KOBAYASHI Kenichiro, TAKARA Kaoru : The Influence of the Moving Rainstorms on the Rainfall-Runoff and Flood Inundation Processes in a Catchment, 雨域の移動が流域の降雨流出・洪水氾濫過程に及ぼす影響, 水工学論文集, 土木学会, 53, pp.841-846, 2009.
- WU Tingyeh, TAKARA Kaoru, MONDONEDO Carlo : Basic Assessment of Vulnerability Based on the Policies of the Mitigation Program for Typhoon Disasters in Taiwan, Annual Journal of Hydraulic Engineering, JSCE, 53, pp.589-594, 2009.
- TAKARA Kaoru, KIM Sunmin, TACHIKAWA Yasuto, NAKAKITA Eiichi : Assessing Climate Change Impact on Water Resources in the Tone River Basin, Japan, Using Super-High-Resolution Atmospheric Model Output, Journal of Disaster Research, 1, 4, pp.12-23, 2009.
- LEE Giha, TACHIKAWA Yasuto, TAKARA Kaoru : Interaction between Topographic and Process Parameters due to the Spatial Resolution of DEMs in Distributed Rainfall-Runoff Modeling, Journal of Hydrologic Engineering, ASCE, 10, 14, pp.1059-1069, 2009.
- Gopakumar, R., Takara, K. : Hydrology of the Vembanad wetland system, Proc. International Conference on Water, Environment, Energy and Society (WEES2009), New Delhi, India, January 2009, Allied Publishers Pvt. Ltd., New Delhi,, pp.1486-1495, 2009.
- Gopakumar, R., Takara, K. : Analysis of bathymetry and spatial changes of Vembanad Lake and terrain characteristics of Vembanad wetland using GIS, Hydroinformatics in Hydrology, Hydrogeology and Water Resources, IAHS Publication, 331, pp.402-411, 2009.
- Mishra, B.K., Takara, K., Yamashiki, Y., Tachikawa, Y. : Hydrologic simulation aided regional flood frequency analysis of Nepalese river basins, Journal of Flood Risk Management, 10.1111/j.1753-318X.2009.01041, 4, 2, pp.243-253, 2009.
- Kim, S., Tachikawa, Y., Sayama, T., Takara, K. : Ensemble flood forecasting with stochastic radar image extrapolation and a distributed hydrologic model, Hydrological Processes, doi: 10.1002/hyp.7188, 4, 23, pp.597-611, 2009.
- Kobayashi, K., Takara, K. : An integrated flood risk assessment framework for the community-based flood disaster management in Japan, Final Conference of COST C22, UNESCO, Paris, France, 26-27 November 2009, CD-ROM, 2009.
- Gopakumar, R., Takara, K. : Water balance and mean water residence time of the Vembanad wetland of Kerala State, India, Ecohydrology of Surface and Groundwater Dependent Systems: Concepts, Methods and Recent Developments, IAHS Publication, 328, pp.222-232, 2009.
- 藤見俊夫, 多々納裕一 : 災害後の応急・復興住宅政策がもたらす便益フローの定量評価, 土木学会論文集 D, 3, 65, pp.399-412, 2009.
- M. Hatayama : Qualitative Evaluation on Social Implementation Process of Integrated GIS to Local Governments And Regional Communities, Proc. of 11th Int. Conf. on Computers in Urban Planning and Urban Management, 2009.
- Nakano, K., Tatano, H. : Economic impacts of disasters taking into account the costs of substitution of intermediate goods, IEEE International Conference on Systems, Man and Cybernetics, DOI: 10.1109/ICSMC.2009.534596, pp.1116-1121, 2009.
- Kajitani, Y., Tatano, H. : Estimation of lifeline resilience factors based on surveys of Japanese industries, Earthquake Spectra, 4, 25, pp.755-776, 2009.
- Yoshida, M., Tatano, H. : Payment plan for the delegation of one or two inspection agencies, Journal of Computers, ISSN : 1796203X, 10, 4, pp.997-1004, 2009.
- 伊藤哲司, 矢守克也 : インターローカリティをめぐる往復書簡, 質的心理学研究, 8, pp.43-63, 2009.
- 矢守克也 : 書簡体論文の可能性と課題, 質的心理学研究, 8, pp.64-74, 2009.
- Saut Sagala, Norio Okada, Paton, D. : Predictors of Intention to Prepare for Volcanic Risks in Mt. Merapi, Indonesia, Journal of Pacific Rim Psychology, 2, 3, pp.47-54, 2009.
- 矢守克也 : 再論 - 正常化の偏見, 実験社会心理学研究, 48, pp.137-149, 2009.
- Toshikazu Ota, Norio Maki, Haruo Hayashi : Evaluation Planning Process of the Kobe Recovery Plan Based on Project Management Framework, Journal of Disaster Research, 3, 4, pp.271-281, 2009.
- Jong il NA, Norio OKADA, Liping FANG : A Collaborative Action Development Approach to Improving Community Disaster Reduction by the Yonmenkaigi System Method, Journal of Natural Disaster Science, 2, 30, pp.57-69, 2009.
- Douglas paton, S. Sagala, N. Okada, L. Jang, P.T. Burgelt, C.E.Gregg : Making Sense of Natural Hazard Mitigation: Personal, Social and Cultural Influences, Environmental Hazards, 2009.
- 元谷豊, 林春男, 牧紀男, 田村圭子, 木村玲欧, 竹本加良子 : 人材育成のプロセスを重視した危機対応従事者向け研修・訓練システムおよびそのマネジメントシステムの提案—内閣府防災担当トレーニングシステムの開発とその運用に関する検討を踏まえて—, 地域安全学会論文集, 11, pp.203-214, 2009.
- Norio Maki, Hai-Li Chen, Shingo Suzuki : Response to Possible Earthquake Disaster in the Tokai, Tonankai, and Nankai Areas, and their Restoration/Reconstruction Strategies, Journal of Disaster Research, 2, 4, pp.142-150, 2009.
- 山崎登, 矢守克也, 安富信, 三上公也, 松波啓三, 會政志, 河田恵昭 : 討論: 巨大災害におけるメディア情報提供の重要性, 「巨大複合災害とその減災戦略 - 防災・減災と報道の役割(2)」報告書, pp.131-153, 2009.
- Ye Tao, Yokomatsu Muneta, Okada Norio : Labor Mobility, Goods Tradability, and Efficient Allocation of Disaster Risk, the proceedings of the 2009 IEEE International Conference on Systems, Man, and Cybernetics, pp.1992-1997, 2009.

- 牛山素行, 矢守克也, 篠木幹子, 太田好乃: 緊急地震速報に対する情報利用者の認識に関する探索的研究, 自然災害科学, 1, 28, pp.47-57, 2009.
- Yamori Katsuya: Action research on disaster reduction education: Building a “community of practice” through a gaming approach., Journal of Natural Disaster Science, 30, pp.83-96, 2009.
- 阪本真由美, 矢守克也, 林勲男, 立木茂雄: 開発途上国の被災者の生活再建と災害復興支援に関する研究 - インド洋津波災害とジャワ島中部地震災害の事例より -, 地域安全学会論文集, 11, pp.235-244, 2009.
- 矢守克也, 牛山素行: 神戸市都賀川災害に見られる諸課題 - 自然と社会の交絡 -, 災害情報, 7, pp.114-123, 2009.
- 小林健一郎, 寶馨, 中北英一: 全球気候モデル出力を用いた日本域の100年確率日降水量の将来予測, 水工学論文集, 土木学会, 54, pp.223-228, 2010.
- Binaya Kumar MISHRA, Kaoru TAKARA, Yosuke YAMASHIKI, Yasuto TACHIKAWA: An assessment of predictive accuracy for two regional flood-frequency estimation methods, Annual Journal of Hydraulic Engineering, JSCE, 54, pp.7-12, 2010.
- 佐山敬洋, 立川康人, 菅野浩樹, 寶馨: 分布型流出モデルと動的計画法の統合による貯水池制御最適化シミュレータの開発, 水工学論文集, 土木学会, 54, pp.547-552, 2010.
- 山敷庸亮, 辰己賢一, 鈴木琢也, Roberto DA SILVA, 寶馨: 世界流域データベースの利用による大陸河川における流出解析に関する研究, 水工学論文集, 土木学会, 54, pp.481-486, 2010.
- Roberto Valmir DA SILVA, Yosuke YAMASHIKI, Kenichi TATSUMI, Kaoru TAKARA: Large-scale runoff routing modeling using TOPMODEL, Annual Journal of Hydraulic Engineering, JSCE, 54, pp.91-96, 2010.
- Pedro Luiz Borges CHAFFE, Masato KOBIYAMA, Yosuke YAMASHIKI, Kaoru TAKARA: Is interception information important for rainfall-runoff modeling?, Annual Journal of Hydraulic Engineering, JSCE, 54, pp.73-78, 2010.
- Tingyeh WU, Kaoru TAKARA, Yosuke YAMASHIKI: A case study of vulnerability assessment in the sediment hazardous area by decision analysis, Annual Journal of Hydraulic Engineering, JSCE, 54, pp.13-18, 2010.
- Sunmin KIM, Eiichi NAKAKITA, Yasuto TACHIKAWA, Kaoru TAKARA: Precipitation changes in Japan under the A1B climate change scenario, Annual Journal of Hydraulic Engineering, JSCE, 54, pp.127-132, 2010.
- 小林健一郎, 寶馨, 中北英一: 全球気候モデル出力と洪水及び経済被害推定モデルを用いた中小河川の水害リスクの将来変動に関する研究, 河川技術論文集, 16, pp.495-500, 2010.
- 畑山満則, 湯川誠太郎, 枝廣篤, 多々納裕一: エージェントベース広域避難シミュレーションシステムの開発 - 滋賀県姉川・高時川下流域を対象とした事例研究 -, 土木計画学研究・論文集, 2, 27, pp.323-330, 2010.
33. Michinori Hatayama, Shigeru Kakumoto: Implementation Technology for a Disaster Response Support System for Local Government, Journal of Disaster Research, 6, 5, pp.677-686, 2010.
- APIP, Kaoru TAKARA, Yosuke YAMASHIKI, Kyoji SASSA, Agung Bagiawan Ibrahim, Hiroshi FUKUOKA: A Distributed Hydrological-Geotechnical Model Using Satellite-Derived Rainfall Estimates for Shallow Landslide Prediction System at a Catchment Scale, Landslides, doi: 10.1007/s10346-010-0214-z, 3, 7, pp.237-258, 2010.
- Chatfield A., Wamba S.F, Tatano, H.: E-government challenge in disaster evacuation response: The role of RFID technology in building safe and secure local communities, 43rd Annual Hawaii International Conference on System Sciences, HICSS-43; Koloa, Kauai, HI; 5 January 2010 through 8 January 2010, DOI: 10.1109/HICSS.2010.164, art.no.5428301, 43, pp.1-10, 2010.
- 横松宗太: 自主防災組織におけるリスクコミュニケーションの成立可能性に関する研究, 土木学会論文集, 2, 66, pp.106-124, 2010.
- 矢守克也: 生活防災の思想 - 生活文化としての減災を構想する -, CEL, 2010.
- 牧紀男: 災害対策基本法の総合性, 計画性と巨大災害への対応—21世紀前半の巨大時代を踏まえた災害対策のあり方—, 地域安全学会論文集, 12, 2010.
- 阪本真由美, 矢守克也: 災害障がい者の生活再建支援に関する研究 - インドネシア・ジャワ島中部地震災害の事例より -, 国際開発研究, 19, pp.35-46, 2010.
- Keiko Tamura, Go Urakawa, Haruo Hayashi: 2007 Emergency Mapping Center Constructing Common Operational Pictures with GIS, Journal of Disaster Research, 1, 5, pp.5-11, 2010.
- 多名部重則, 東田光裕, 林春男: 新型インフルエンザによる社会経済活動への影響分析-神戸市の事例から得られた課題と知見-, 地域安全学会論文集, 13, pp.423-432, 2010.
- Bhandari Bhakta Roshan, Yamori Katsuya, Okada Norio: Interpreting urban ritual event in terms of improving the capacity to cope with disaster risk: A case study of Kathmandu., Journal of Natural Disaster Science, 32, pp.31-42, 2010.
- Haruo Hayashi, Go Urakawa: Special Issue on Effective Emergency Management: A Geographic Approach, Journal of Disaster Research, 1, 5, pp.3-4, 2010.
- 阪本真由美, 矢守克也: 自然災害の記憶の「場」としての博物館に関する一考察, 自然災害科学, 29, pp.179-188, 2010.
- Nozomu Yoshitomi, Haruo Hayashi, Katsuyuki Matsuoka, Hidenori Terano, Munenari Inoguchi, Go Urakawa: Disaster-Victim Database Development Using GeoWrap Method - From the 2004 Niigata Chuetsu Earthquake to the 2007 Niigataken Chuetsu-Oki Earthquake -, Journal of Disaster Research, 1, 5, pp.74-81, 2010.
- Katsumi Iwatsuki, Haruo Hayashi: Realization of Resilient Society with Information Technology Revolution, Journal of Disaster Research, 6, 5, pp.622-626, 2010.

- Haili Chen, Norio Maki, Haruo Hayashi : Adapting the Demographic Transition in Preparation for the Tokai-Tonankai-Nankai Earthquake, *Journal of Disaster Research*, 6, 5, pp.666-676, 2010.
- Yoshihiro Ura, Munenari Inoguchi, Haruo Hayashi : Realization of Local Capacity Building for Managing Instructional-System-Design-Based GIS -A Case Study of Wajima City at 2007 Noto Hanto Earthquake-, *Journal of Disaster Research*, 1, 5, pp.22-30, 2010.
- Haruo Hayashi, Keiko Tamura, Satoshi Kitada, Satomi Sudo : Smart Disaster Reduction Against Torrential Downpours: Micromedia Creation, *Journal of Disaster Research*, 2, 5, pp.187-193, 2010.
- Katsuyuki Matsuoka, Haruo Hayashi, Nozomu Yoshitomi, Go Urakawa, Ryota Hamamoto, Yuji Nawa, Hidenori Terano, Norihiro Tonosaki : GIS-Based Damage Certification Support System Based on Recent Earthquake Experience, *Journal of Disaster Research*, 1, 5, pp.82-89, 2010.
- Yuji Nawa, Go Urakawa, Hiro Ikemi, Ryota Hamamoto, Haruo Hayashi : Geography Network for Sharing Geospatial Information in Disaster Management, *Journal of Disaster Research*, 1, 5, pp.108-116, 2010.
- Mitsuhiro Higashida, Yuji Maeda, Haruo Hayashi : Risk Management and Intelligence Management During Emergency, *Journal of Disaster Research*, 6, 5, pp.636-641, 2010.
- Kenneth C. Topping, Haruo Hayashi, William Siembieda, Michael Boswell : Special Issue on "Building Local Capacity for Long-term Disaster Resilience" Toward Disaster Resilient Communities, *Journal of Disaster Research*, 2, 5, pp.127-129, 2010.
- Yuji Maeda, Mitsuhiro Higashida, Katsumi Iwatsuki, Takao Handa, Yoichi Kihara, Haruo Hayashi : Next Generation ICT Services Underlying the Resilient Society, *Journal of Disaster Research*, 6, 5, pp.627-635, 2010.
- Tsutomu Honma, Go Urakawa, Munenari Inoguchi, Norihiro Tonosaki, Haruo Hayashi : Building Local-Government Service-Oriented GIS Through 2007 Chuetsu-Oki Earthquake Experience, *Journal of Disaster Research*, 1, 5, pp.98-107, 2010.
- Mitsuhiro Higashida, Yasushi Matsushita, Haruo Hayashi, Kouichi Miyake, Masayuki Morikawa, Nozomu Yoshitomi : QR Coded Field Data Acquisition, *Journal of Disaster Research*, 1, 5, pp.66-73, 2010.
- Go Urakawa, Haruo Hayashi : Inexpensive Integrated GIS for Local Government to Implement Emergency Response and Management Effectively, *Journal of Disaster Research*, 1, 5, pp.90-97, 2010.
- Munenari Inoguchi, Keiko Tamura, Haruo Hayashi : Realization of Effective Disaster Victim Support Through Development of Victim Master Database with Geo-Reference - A Case Study of 2007 Niigataken Chuetsu-Oki Earthquake-, *Journal of Disaster Research*, 1, 5, pp.12-21, 2010.
- Norihiro Tonosaki, Go Urakawa, Kei Omura, Yuji Nawa, Ryota Hamamoto, Haruo Hayashi : Mobile GIS Application Development for Emergency Damage Assessment in a Disaster, *Journal of Disaster Research*, 1, 5, pp.54-65, 2010.
- Go Urakawa, Haruo Hayashi, Keiko Tamura, Munenari Inoguchi, Kei Horie, Mitsuhiro Higashida, Ryota Hamamoto : Building Comprehensive Disaster Victim Support System, *Journal of Disaster Research*, 6, 5, pp.687-696, 2010.
- Yurie Takeda, Mitsuhiro Higashida, Yoshimasa Nagao, Manabu Yotsubashi, Shosuke Sato, Haruo Hayashi : Risk Management for Hospitals Using the Incident Report, *Journal of Disaster Research*, 6, 5, pp.697-705, 2010.
- Kenshin Urabe, Haruo Hayashi, Satoshi Inoue, Haruhide Yoshida, Toshihito Shimosakai : Design Principles for Visualization of Public Information for Effective Disaster Reduction, *Journal of Disaster Research*, 1, 5, pp.31-44, 2010.
- Haruo Hayashi, Mitsuhiro Higashida : Special Issue on ICT Based Disaster Resilient Society, *Journal of Disaster Research*, 6, 5, pp.619-621, 2010.
- Norio MAKI, Yutaka MOTOYA, Haruo HAYASHI : Space layout of Emergency Operation Centers for Effective Emergency Response; Japanese Innovation from the 1995 Kobe Earthquake to Present, The International Emergency Management Society (TIEMS)17th Annual Conference Proceedings, pp.160-167, 2010.
- 牧紀男, 陳海立, 馬場俊孝, 鈴木進吾, 澤田雅浩, 佐藤栄治, 能島暢呂 : 長期湛水被害からの災害対応, 復旧対策の基礎的検討 -南海地震による高知市を事例として, 地域安全学会論文集, 13, pp.195-202, 2010.
- D. Paton, R. Bajek, N. Okada : Predicting community earthquake preparedness: a cross-cultural comparison of Japan and New Zealand, *Natural Hazards*, 3, 54, pp.765-781, 2010.
- 横松宗太, 戸田剛司, 岡田憲夫 : 世代重複モデルによる貨幣援助と災害復興過程に関する基礎的研究, 第41回土木計画学研究発表会講演集, 41, 2010.
- NA Jong-il, OKADA Norio, FANG Liping : A Participatory Workshop Approach to Disaster Scenario Development for Relief, Response, Recovery Process, The Proceedings of the 2010 IEEE International Conference on Systems, Man and Cybernetics, 2010.
- NA Jong-il, OKADA Norio : Disaster Scenario Workshop for Disaster Education at Community Level Utilizing the Sandankai Method, 2nd Symposium of Disaster Risk Management for Human Security Engineering in Asian Megacities, 2010.
- 羅貞一, 岡田憲夫 : 韓国高校生を対象とした三段階システム技法による参加型災害シナリオワークショップ, 京都大学防災研究所年報, B53, pp.161-168, 2010.
- Bhandari R.B., Okada N., Yokomatsu M., Ikeo H. : Analyzing Urban Rituals with Reference to Development of Social Capital for Disaster Resilience: A Case Study of Kishiwada, Japan, The Proceedings of the 2010 IEEE International Conference on Systems, Man and Cybernetics, 2010.

OKADA Norio, NA Jong-il : Experiences of Local Community Involvement in Chizu and Its Implication to Sustainability, Japan Taiwan Joint Symposium on Disaster Education and Risk Communication for Climate Change Adaptation, October 15, 2010, Kyoto, Japan, 2010.

Liu S., Li D., Okada N. : Vitae System Based Agent Modeling and Simulation of Survivability-Critical Evacuation in Underground Flooding, the Proceedings of the 2010 IEEE International Conference on Systems, Man and Cybernetics, pp.3133-3138, 2010.

NA Jong-il, OKADA Norio, HARGONO Bambang, LEGONO Djoko, UEHATA Naoki : A Challenge of Mutual Knowledge Development in Implementation of the Yonmenkaigi System for Sand Mining Management in Local, Journal of Natural Disaster Science, 2, 31, pp.79-91, 2010.

OKADA Norio, NA Jong-Il : Integrated Disaster Risk Management with a focus on Multi-sector Involved Participatory Approach for Disaster Reduction: Challenges towards Social Implementation, The 4th International Conference on Crisis and Emergency Management(ICCEM'2010), October 15-17, 2010, Beijing, China, 2010.

NA Jong-il, OKADA Norio : Implementation of Disaster Scenario Workshop Utilizing the Sandankai System for Disaster Risk Communication in a High School of Korea, The Fifth China-Japan Joint Seminar on Risk Management-March, 2010 Addressing Climate Change: Disaster Risk Management & Energy Security, 2010.

著書

實 馨 : 1-38 記録破りの大雨とその確率, 建築大百科事典, 朝倉書店, ISBN 978-4-254-26633-7, 2008.

林春男, 牧紀男, 田村圭子, 井ノ口宗成 : 組織の危機管理入門-リスクにどう立ち向かえばいいのか, 京大人気講義シリーズ, pp.1-169, 2008.

河田恵昭 : これからの防災・減災がわかる本, 2008.

矢守克也 : 防災心理学, 『キーワードコレクション: 心理学フロンティア』子安増生・二宮克美(編) pp.160-163, 2008.

矢守克也 : アクションリサーチ『キーワードコレクション: 心理学フロンティア』子安増生・二宮克美(編), pp.164-167, 2008.

吉川肇子, 矢守克也, 杉浦淳吉 : クロスロード・ネクスト - 防災ゲームで学ぶリスクコミュニケーション -, ナカニシヤ出版, 2008.

Norio Okada, Hirokazu Tatano, Alkiyoshi Takagi : Nagara River Estuary Barrage Conflict, Global Risk Governance: Concept and Practice Using the IRGC Framework, Springer, pp.221-230, 2008.

Yamori Katsuya : Narrative mode of thought in disaster damage reduction: A crossroad of narrative and gaming approach., Sugiman, T. , Gergen, K., Wagner, W., and Yamada, Y. (eds.) Meaning in action: Constructions, narratives and representations, pp.241-252, 2008.

矢守克也 : 阪神・淡路大震災を記憶した 場所 , 講座 :

質的心理学 3, サトウタツヤ・南 博文(編), pp.77-102, 2008.

林春男 : 自然災害に対する備えや心構えは?, 改訂家庭の安全・安心-あなたと家族を守るリスクマネージメント Q&A, pp.78-81, 2008.

林春男 : 災害時にパニックは起きるのか, 現代心理学入門 進化と文化のクロスロード, pp.363-363, 2009.

林春男 : 巨大地震災害へのカウントダウン ~ 東海・東南海・南海地震に向けた防災戦略 ~ , 2009.

矢守克也 : 防災人間科学, 2009.

林春男, 重川希志依, 田中聡, NHK「阪神・淡路大震災秘められた決断」制作班 : 防災の決め手「災害エスノグラフィー」阪神・淡路大震災 秘めた証言, pp.1-242, 2009.

林春男, 岩月勝美, 浦川豪, 大山孝, 釜井俊孝, 木原洋一, 小林健一郎, 鈴木進吾, 畑山満則, 半田隆夫, 東田光裕, 福岡浩, 前田裕二, 牧紀男 : しなやかな社会の創造 ~ 災害・危機から生命, 生活, 事業を守る, pp.1-207, 2009.

吉川肇子, 矢守克也, 杉浦淳吉 : クロスロード・ネクスト - 続: ゲームで学ぶリスク・コミュニケーション -, 2009.

渥美公秀, 矢守克也, 鈴木勇, 近藤誠司, 淳干思岸 : 神戸人眼中的ぶん川地震, 災後心理援助: 名家談, 張侃・張建新主編, pp.231-244, 2009.

矢守克也 : アクションリサーチ - 実践する人間科学 -, 2010.

矢守克也 : 自然災害と人間関係, 人間関係の心理学, pp.182-193, 2010.

Haruo Hayashi : Natural Disaster in Japan, Global Warming and Climate Change Prospects and Policies in Asia and Europe, pp.118-132, 2010.

地震・火山研究グループ

完全査読論文

- 山野辺慎一, 曽我部直樹, 家村浩和, 高橋良和 : 高性能塑性ヒンジ構造を適用した高耐震性 RC 橋脚の開発, 土木学会論文集, 2, 64, pp.317-332, 2008.
- 王激揚, 河野進, 坂下雅信, 田中仁史 : 偏在開口を有する RC 連層耐震壁のマクロモデルに関する研究, 日本建築学会構造工学論文集, 54B, pp.411-416, 2008.
- 栗山雅之, 隈元崇, 関口春子, 岩田知孝 : 地震規模予測の考え方の違いが長大活断層で発生する地震の強震動予測結果にもたらす影響の評価 - 糸魚川 - 静岡構造線活断層帯北部・中部を震源断層として -, 自然災害科学, 27, pp.45-67, 2008.
- 田村修次 : 遠心載荷実験における基礎の根入れ効果が杭頭水平力に及ぼす影響と液状化層厚 - 上部構造物慣性力と土圧合力・側面摩擦力の位相差 -, 日本建築学会構造系論文集, 625, 73, pp.409-415, 2008.
- Tomotaka Iwata, Takao Kagawa, Anatoly Petukhin, Yoshihiro Onishi : Basin and crustal velocity structure models for the simulation of strong ground motions in the Kinki area, Japan, J. Seismology, 12, pp.223-234, 2008.
- Asako Iwaki, Tomotaka Iwata : Validation of 3D basin structure models for long-period ground motion simulation in the Osaka basin, western Japan, J. Seismology, 12, pp.197-215, 2008.
- 坂下雅信, 河野進, 渡邊史夫, 田中仁史 : 杭基礎によって支持される曲げ降伏型 RC 造連層耐震壁のマクロモデルを用いた変形機構の解明, コンクリート工学年次論文報告集, 3, 30, pp.451-456, 2008.
- 高橋千佳, 盛川仁, 駒澤正夫, 関口春子, 澤田純男 : 新潟県中越地震被害地域における重力探査を用いた深部地盤構造のモデル化, 地震第 2 輯, 2, 61, pp.33-48, 2008.
- Yoshimura Ryokei, Oshiman Naoto, Uyeshima Makoto, Ogawa Yasuo, Mishina Masaaki, Toh Hiroaki, Sakanaka Shin'ya, Ichihara Hiroshi, Shiozaki Ichiro, Ogawa Tsutomu, Miura Tsutomu, Koyama Shigeru, Fujita Yasuyoshi, Nishimura Kazuhiro, Takagi Yu : Magnetotelluric observations around the focal region of the 2007 Noto Hanto Earthquake (Mj6.9), Central Japan, Earth, Planets and Space, 2, 60, pp.117-122, 2008.
- 松岡祐一, マコーミック・ジェイソン, 吹田啓一郎, 中島正愛 : Seismic Response of Non-Structural Partition Walls and Hanging Ceiling Systems, 軽量鉄骨下地間仕切壁とそれに囲まれた鋼製下地天井の耐震性能, 日本建築学会構造系論文集, 632, 73, pp.1857-1864, 2008.
- 長江拓也, 梶原浩一, 藤谷秀雄, 福山國夫, 川辺秀憲, 大西一嘉, 城戸史郎, 中島正愛 : Test on Seismic Response of High-Rise Building Focusing on Furniture and Non-Structural Components, 家具および非構造部材に着目する高層建物の地震応答再現実験 - E-ディフェンス振動台による実規模実験システム -, 日本建築学会構造系論文集, 628, 73, pp.1007-1014, 2008.
- 池永昌容, 中島正愛 : Reduction of Residual Deformation for Moment Resisting Frame Using Self-Centering Column Base, セルフセンタリング柱脚を用いた鉄骨骨組の残留変形低減効果, 構造工学論文集, 54B, pp.657-664, 2008.
- McCormick, J., Matsuoka, Y., Pan, P., Nakashima, M. : Evaluation of Non-Structural Partition Walls and Suspended Ceiling Systems through a Shake Table Study, Proceedings of Structures Congress 2008: Crossing Borders, 2008.
- 池永昌容, 長江拓也, ジェイソン・マコーミック, 勝尾美香, 中島正愛 : Shaking Table Test on Friction Behavior between Steel Column Base and Base Mortar, 鋼構造露出柱脚と基礎モルタル間の摩擦性状に関する振動台実験, 日本建築学会構造系論文集, 629, 73, pp.1185-1191, 2008.
- Wang, T., McCormick, J., Nakashima, M. : Verification Test of a Hybrid Test System with Distributed Column Base Tests, Proceedings of the 18th Analysis and Computation Specialty Conference, Structures Congress 2008, 2008.
- Wang, T., Aburano, H., Matsuoka, Y., Hitaka, T., Nakashima, M. : Strengthening of Weak Story Moment Frames using a Rocking System with Tendons, The 14th World Conference on Earthquake Engineering, Beijing, 2008.
- Nakashima, M., Kawashima, K., Ukon, H., Kajiwar, K. : Shake Table Experimental Project on the Seismic Performance of Bridges Using E-Defense, Proceedings of The 14th World Conference on Earthquake Engineering, 2008.
- Chung, Y., Nagae, T., Fukuyama, K., Kajiwar, K., Inoue, T., Hitaka, T., Nakashima, M. : Seismic Resistance Capacity of High-Rise Buildings Subjected to Long-Period Ground Motions ? E-Defense Shaking Table Test, Proceedings of The 14th World Conference on Earthquake Engineering, Beijing, China, 2008.
- Li, Y., Wang, T., Kato, M., Hitaka, T., Nakashima, M. : Seismic Force Reduction Factor for Equivalent Static Design of Chevron-Braced Steel Frames, Proceedings of The 14th World Conference on Earthquake Engineering, 2008.
- Nakashima, M. : Roles of Large Structural Testing for the Advancement of Earthquake Engineering, Proceedings of The 14th World Conference on Earthquake Engineering, Beijing, 2008.
- McCormick, P., Aburano, H., Ikenaga, M., Nakashima, M. : Permissible Residual Deformation Levels for Building Structures Considering Both Safety and Human Elements, Proceedings of The 14th World Conference on Earthquake Engineering, Beijing, 2008.
- Nakashima, M., Leon, R. T. : An outline and Benefit of Research Collaboration between NEES and E-defense, Proceedings of The 14th World Conference on Earthquake Engineering, Beijing, 2008.
- Cui, Y., Yamamoto, R., Uemura, T., Nagae, T., Hitaka, T., Nakashima, M. : Hysteretic Behavior and Strength Capacity of Shallow Embedded Steel Column Bases, Proceedings of The 14th World Conference on Earthquake Engineering, Beijing, 2008.
- Ikenaga, M., Nagae, T., McCormick, J., Zhang, P., Katsuo, M., Nakashima, M. : Friction Coefficient for Exposed Column Base Design, Proceedings of The 14th World Conference on

- Earthquake Engineering, Beijing, 2008.
- Jacobsen, A., Hitaka, T., Nakashima, M., McCormick, J., Wang, T., Murata, Y. : Condition Assessment Application of Steel Shear Walls with Slits, Proceedings of The 14th World Conference on Earthquake Engineering, , Beijing, China, 2008.
- Nagae, T., Kajiwar, K., Fujitani, H., Fukuyama, K., Kawabe, H., Nakashima, M. : Behaviors of Nonstructural Components in Seismic Responses of High-Rise Buildings - E-Defense Shaking Table Test, Proceedings of The 14th World Conference on Earthquake Engineering, , Beijing, China, 2008.
- 榎田竜太, 梶原浩一, 長江拓也, 紀曉東, 中島正愛 : Development of Shaking Table Experiment Method to Reproduce Responses of High-Rise Buildings Under Ground Motion, 超高層建物の地震応答を再現する震動台実験手法の開発, 日本建築学会構造系論文集, 634, 73, pp.2111-2118, 2008.
- Miyazawa Masatoshi, Brodsky Emily E. : Deep low-frequency tremor that correlates with passing surface waves, J. Geophys. Res., doi:10.1029/2006JB004890, 113, pp.B01307-, 2008.
- 吉竹宣也, 王涛, Jason McCormick, 村田庸介, 中島正愛 : Collapse Simulation of Steel Moment Frame by Distributed Online Hybrid Test with Multiple Tests, 複数の構造実験を用いた分散型オンライン応答実験による鋼構造骨組崩壊挙動の再現, 日本建築学会構造系論文集, 625, 73, pp.441-447, 2008.
- Wang Tao, Yoshitake Nobuya, Pan Peng, Lee Tae-hyung, Nakashima Masayoshi : Numerical Characteristics of Peer-to-Peer (P2P) Internet Online Hybrid Test System and its Application to Seismic Simulation of SRC Structure, Journal of Earthquake Engineering & Structural Dynamics, 2, 37, pp.265-282, 2008.
- 油野弘, 池永昌容, Jason McCormick, 中島正愛 : Evaluation of Permissible Residual Deformation in Light of Occupancy, Constructivity and Safety, 居住性・施工性・安全性指標に基づく建物の許容残留変形評価, 日本建築学会構造系論文集, 624, 73, pp.325-331, 2008.
- 山田祥平, 北村有希子, 吹田啓一郎, 中島正愛 : Experimental Investigation on Deformation capacity of Beam-To- Column Connections in Early Highrise Building by fullscale Tests, 初期超高層ビル柱梁接合部の実大実験による耐震性能の検証, 日本建築学会構造系論文集, 623, 73, pp.119-126, 2008.
- 植村具民, 山本遼太, 長江拓也, 寺田岳彦, 吹田啓一郎, 中島正愛 : Test on Reinforced Column Bases and Plastic Deformation Capacity- Hysteretic Behavior and strength Capacity of Shallow-Embedded Steel Column Bases Part 2, 鉄筋補強柱脚実験と塑性変形能力 - 浅い埋込み柱脚の弾塑性挙動と保有性能 その2, 日本建築学会構造系論文集, 623, 73, pp.111-117, 2008.
- Miyazawa Masatoshi Venkataraman Anupama Snieder Roel Payne Mike : Analysis of micro-earthquake data at Cold Lake and its applications to reservoir monitoring, Geophysics, doi:10.1190/1.2901199, 3, 73, pp.O15-O21, 2008.
- Miyazawa Masatoshi Brodsky Emily E. Mori James : Learning from dynamic triggering of deep low-frequency tremor in subduction zones, Earth, Planets and Space, 10, 60, pp.e17-e20, 2008.
- Miyazawa Masatoshi, Snieder Roel, Venkataraman Anupama : Application of seismic interferometry to extract P and S wave propagation and observation of shear wave splitting from noise data at Cold Lake, Canada, Geophysics, doi:10.1190/1.2937172, 4, 73, pp.D35-D40, 2008.
- Mizuno Takashi, Kuwahara Yasuto, Ito Hisao, Nishigami Kinya : Spatial variations in fault-zone structure along the Nojima fault, central Japan, as inferred from borehole observations of fault-zone trapped waves, Bull. Seismol. Soc. Am., doi:10.1785/0120060247, 98, pp.558-570, 2008.
- Park, S., J. Mori : Rupture velocity estimation of large deep-focus earthquakes surrounding Japan, J. Geophys. Res., doi:10.1029/2007JB005434, B8, 113, pp.B08303-B08303, 2008.
- Mori, J. : Determination of Dip Direction for the 2007 Niigata-ken Chuetsu-Oki Earthquake from Relocation of Aftershocks Using Arrival Times Determined by Cross-Correlation, Earth, Planets and Space, 11, 60, pp.1117-1120, 2008.
- Nakamura, M., Y. Yoshida, D. Zhao, H. Takayama, K. Obana, H. Katao, J. Kasahara, T. Kanazawa, S. Kodaira, T. Sato, H. Shiobara, M. Shinohara, H. Shimamura, N. Takahashi, A. Nakanishi : Three-dimensional P- and S-wave velocity structures beneath Japan, Phys. Earth and Planet. Inter., 168, pp.49-70, 2008.
- Hashimoto Manabu, Takahashi Hiroaki, Kasahara Minoru, Takeuchi Akira, Onoue Kensuke, Hosono Yoshinobu, Fukushima Yo, Nakamura Kajuro, Ohya Fumio, Honda Ryo, Ichiyanagi Masayoshi, Yamaguchi Teruhiro, Maeda Takahiro, Hiramatsu Yoshihiro : Postseismic displacements following the 2007 Noto peninsula earthquake detected by dense GPS observation, Earth, Planets and Space, 2, 60, pp.139-144, 2008.
- Shibutani Takuo, Ueno Tomotake, Hirahara Kazuro : Improvement in the extended-time multitaper receiver function estimation technique, Bull. Seismo. Soc. Am., doi:10.1785/0120070226, 2, 98, pp.812-816, 2008.
- Fukushima Yo, Ozawa Taku, Hashimoto Manabu : Fault model of the 2007 Noto Hanto earthquake estimated from PALSAR radar interferometry and GPS data, Earth, Planets and Space, 2, 60, pp.99-104, 2008.
- Peltier Aline, Famin Vincent, Bachelery Patrick, Cayol Valerie, Fukushima Yo : Cyclic magma storages and transfers at Piton de La Fournaise volcano (La Reunion hotspot) inferred from deformation and geochemical data, Earth Planet. Sci. Lett., doi:10.1016/j.epsl.2008.02.042, 270, pp.180-188, 2008.
- Nishizawa Osamu, Fukushima Yo : Laboratory experiments of seismic wave propagation in random heterogeneous media,

- Advances in Geophysics, 10.1016/S0065-2687(08)00008-3, 50, pp.219-245, 2008.
- Shibazaki, B., K. Garatani, T. Iwasaki, A. Tanaka, Y. Iio : Faulting processes controlled by the nonuniform thermal structure of the crust and uppermost mantle beneath the northeastern Japanese island arc, *J. Geophys. Res.*, B08415, doi:10.1029/2007JB0053, 113, pp.1-19, 2008.
- Ueno T., T. Shibutani, K. Ito : Configuration of the continental Moho and Philippine Sea Slab in Southwest Japan derived from receiver function analysis: Relation to subcrustal earthquakes, *Bull. Seismo. Soc. Am.*, 98, pp.2416-2427, 2008.
- OHMI, Shiro, HIRAHARA, Kazuro, WADA, Hiroo, ITO, Kiyoshi : Temporal variations of crustal structure in the source region of 2007 Noto Hanto earthquake, central Japan, with passive image interferometry, *Earth, Planets and Space*, 60, pp.1069-1074, 2008.
- Tonegawa, T., K. Hirahara, T. Shibutani, H. Iwamori, H. Kanamori, K. Shiomi : Water flow to the mantle transition zone inferred from a receiver function image of the Pacific slab, *Earth Planet. Sci. Lett.*, 274, pp.346-354, 2008.
- Katagi Takeshi, Yoshioka Shoichi, Hashimoto Manabu : Influence of temperature- and depth-dependent viscosity structures on postseismic deformation predictions for the large 1946 Nankai subduction zone earthquake, *Tectonophysics*, doi:10.1016/j.tect.2008.01.006, 1, 454, pp.1-13, 2008.
- Morrissey M, Garces Milton, Ishihara Kazuhiro, Iguchi Masato : Analysis of Infrasonic and Seismic Events Related to the 1998 Vulcanian Eruption at Sakurajima, *Jour. Volcanol. Geotherm. Res.*, 175, pp.315-324, 2008.
- 長谷英彰, 石戸経士, 神田径, 森真陽 : Interpretation of self-potential on Kaimondake volcano in consideration of zeta potential variation of the volcanic rocks, **ゼータ電位を考慮した開聞岳の自然電位解釈**, *物理探査*, 4, 61, pp.301-312, 2008.
- Sri Hidayati, Ishihara Kazuhiro, Iguchi Masato, Ratdomopurbo Antonius : Focal Mechanism of volcano-tectonic Earthquakes at Merapi Volcano, Indonesia, *Indonesian Journal of Physics*, 3, 19, pp.75-82, 2008.
- Kuswandarto Hery, Iguchi Masato, Hendrasto Muhamad : Automatic and Real-time Processing of Tilt Records for Prediction of Explosions at Semeru Volcano, East Java, Indonesia, *Indonesian Journal of Physics*, 3, 19, pp.69-74, 2008.
- Sukir Maryanto, Iguchi Masato, Tameguri Takeshi : Constraints on source mechanism of harmonic tremor based on seismological, ground deformation and visual observations at Sakurajima Volcano, Japan, *Jour. Volcanol. Geotherm. Res.*, 170, pp.198-217, 2008.
- Iguchi Masato, Yakiwara Hiroshi, Tameguri Takeshi, Muhamad Hendrasto, Jun-ichi Hirabayashi : Mechanism of explosive eruption revealed by geophysical observations at the Sakurajima, Suwanosejima and Semeru volcanoes, *Jour. Volcanol. Geotherm. Res.*, 178, pp.40917, 2008.
- Sadikin Nurlia, Iguchi Masato, Hendrasto Muhamad, Suantika Gede : Seismic activity of volcano-tectonic earthquakes at Guntur volcano, West Java, Indonesia during the period from 1991 to 2005, *Indonesian Journal of Physics*, 2008.
- Koki AIZAWA, Yasuo OGAWA, Takeshi HASHIMOTO, Takao KOYAMA, Wataru KANDA, Yusuke YAMAYA, Masaaki MISHINA, Tsuneomi KAGIYAMA : Shallow Resistivity Structure of Asama Volcano and its Implications for Magma Ascent Process in the 2004 Eruption, *Journal of Volcanology and Geothermal Research*, 10.1016/j.jvolgeores.2008.01.0, 173, pp.165-177, 2008.
- Wahyu Srigutomo, Tsuneomi KAGIYAMA, Wataru KANDA, Hiroshi MUNEKANE, Takeshi HASHIMOTO, Yoshikazu TANAKA, Hisashi UTADA, Mitsuru UTSUGI : Resistivity structure of Unzen Volcano derived from Time Domain Electromagnetic (TDEM) survey, *Journal of Volcanology and Geothermal Research*, 10.1016/j.jvolgeores.2008.03.0, 175, pp.231-240, 2008.
- Kanda Wataru, Tanaka Yoshikazu, Utsugi Mitsuru, Takakura Shinichi, Hashimoto Takeshi, Inoue Hiroyuki : A preparation zone for volcanic explosions beneath Naka-dake crater, Aso volcano, as inferred from magnetotelluric surveys, *Journal of Volcanology and Geothermal Research*, doi:10.1016/j.jvolgeores.2008., 1, 178, pp.32-45, 2008.
- Fujii, Ikuko, Kanda, Wataru : New procedures to decompose geomagnetic field variations and application to volcanic activity, *Geophysical Journal International*, 10.1111/j.1365-246X.2008.03870, 1, 175, pp.400-414, 2008.
- 吉田望, 大矢陽介, 澤田純男, 中村晋 : 海溝型長継続時間地震動に対する簡易液化判定法の適用性, *日本地震工学会論文集*, 3, 9, pp.28-47, 2009.
- 中村晋, 澤田純男, 吉田望 : 地震時における盛土の被災程度に応じたフラジリティー曲線の評価に関する一考察, *土木学会論文集 C*, 4, 65, pp.977-988, 2009.
- 田村修次, 肥田剛典 : 大型せん断土槽を用いた液化実験におけるRC杭の破壊が構造物挙動に及ぼす影響, *日本建築学会構造系論文集*, 635, 74, pp.91-96, 2009.
- 川島一彦, 高橋良和, 葛漢彬, 呉智深, 張建東 : 2008年中国四川地震による橋梁の被害, *土木学会論文集*, 3, 65, pp.825-843, 2009.
- K. Kawashima, T. Sasaki, K. Kajiwar, H. Ukon, S. Unjoh, J. Sakai, Y. Takahashi, K. Kosa, M. Yabe : Seismic Performance of a Flexural Failure Type Reinforced Concrete Bridge Column based on E-Defense Excitation, *土木学会論文集*, 2, 65, pp.267-285, 2009.
- 田村修次, 樋口康仁, 足立圭佑, 林康裕, 山崎雅弘 : 遠心載荷実験における残置杭が新規杭の鉛直支持力に及ぼす影響 - 新規杭の表面が滑らかなケースと粗いケースの比較, *日本建築学会構造系論文集*, 645, 74, pp.2039-2044, 2009.
- 松本敏克, 坂田勉, 八木悟, 森聡, 澤田純男 : 基礎構造物における地盤・構造物境界面の実用的な剛性評価法, *応用力学論文集*, 12, pp.1061-1070, 2009.
- 平井俊之, 澤田純男 : 地震動エネルギーの距離減衰等の特性, *土木学会地震工学論文集*, 30, pp.128-136, 2009.

- 土井公人, 坂下, 河野進, 田中仁史 : 開口が偏在する RC 造連層耐震壁のせん断性状に関する研究, コンクリート工学年次論文報告集, 2, 31, pp.421-426, 2009.
- 王寺秀介, 神原隆則, 澤田純男, 岩田知孝 : 等価震源距離に基づくディレクティビティ効果を考慮した距離減衰式, 土木学会地震工学論文集, 30, pp.104-110, 2009.
- 若木伸也, 高橋良和, 澤田純男 : X 線 CT 法を用いたコンクリート円柱供試体の内部構成情報の抽出, 土木学会地震工学論文集, 30, pp.399-405, 2009.
- Kawashima Kazuhiko, Takahashi Yoshikazu, Ge Hanbin, Wu Zhishen, Zhang Jiandong : Reconnaissance Report on Damage of Bridges in 2008 Wenchuan, China, Earthquake, Journal of Earthquake Engineering, DOI: 10.1080/13632460902859169, 7, 13, pp.965-996, 2009.
- 榎田竜太, 長江拓也, 梶原浩一, 紀曉東, 中島正愛 : Development of Shaking Table Test Techniques to Realize Large Responses and Evaluation of Safety of A High-Rise Building, 大振幅応答を実現する震動台実験手法の構築と超高層建物の室内安全性, 日本建築学会構造系論文集, 637, 74, pp.467-474, 2009.
- Mori, J., Y. Kano : Is the 2006 Yogyakarta earthquake related to the triggering of the Sidoarjo, Indonesia mud volcano?, J. of Geography, 3, 118, pp.492-498, 2009.
- Brodsky, E.E., K.F. Ma, J. Mori, D.M. Saffer : Rapid Response Fault Drilling: Past, Present, and Future, Scientific Drilling, 10.2204/iodp.sd.8.11.2009, 8, pp.66-74, 2009.
- Iio Yoshihisa, Shibutani Takuo, Matsumoto Satoshi, Katao Hiroshi, Matsushima Takeshi, Ohmi Shiro, Takeuchi Fumiaki, Ueshira Kenji, Nishigami Kin'ya, Miyazawa Masatoshi, Enescu Bogdan, Hirose Issei, Kano Yasuyuki, Kohno Yuhki, Tatsumi Ken'ichi : Precise aftershock distribution of the 2004 Mid-Niigata prefecture earthquake-Implication for a very weak region in the lower crust, Physics of the Earth and Planetary Interiors, doi:10.1016/j.pepi.2008.10.014, 34, 172, pp.345-352, 2009.
- Enescu Bogdan, Jim Mori, Miyazawa Masatoshi, Kano Yasuyuki : Omori-Utsu law c-values associated with recent moderate earthquakes in Japan, Bulletin of the Seismological Society of America, doi:10.1785/0120080211, 2A, 99, pp.884-891, 2009.
- 長江拓也, 鍾育霖, 島田侑, 福山國夫, 梶原浩一, 井上貴仁, 中島正愛, 斉藤大樹, 北村春幸, 福和伸夫, 日高桃子 : Development of Frame Test System to Assess Seismic Performance of High-Rise Buildings-E-defense Shaking Table Test-, 超高層建物の耐震性能を検証する実架構実験システムの構築 - E-ディフェンス振動台実験 -, 日本建築学会構造系論文集, 640, 74, pp.1163-1170, 2009.
- McCormick J, Nagae T, Ikenaga M, Zhang P, Katsuo M, Nakashima M : Investigation of the sliding behavior between steel and mortar for seismic applications in structures, Journal of Earthquake Engineering & Structural Dynamics, 12, 38, pp.1401-1419, 2009.
- Cui Y, Nagae T, Nakashima M : Hysteretic Behavior and Strength Capacity of Shallowly embedded Steel Column Bases, Journal of Structural Engineering, American Society of Civil Engineers, 10, 135, pp.1231-1238, 2009.
- 山本遼太, 植村具民, 崔瑤, 吹田啓一郎, 中島正愛 : Test on Exterior Column Bases and Strength and Stiffness Evaluation : Hysteretic Behavior and Strength Capacity of Shallow-Embedded Steel Column Bases Part 3, 側柱柱脚実験と浅い埋込み柱脚耐力・剛性評価 - 浅い埋込み柱脚の弾塑性挙動と保有性能 その3, 日本建築学会構造系論文集, 635, 74, pp.129-136, 2009.
- Ji X, Kajiwar K, Nagae T, Enokida R, Nakashima M : A substructure shaking table test for reproduction of earthquake responses of high-rise buildings, Journal of Earthquake Engineering & Structural Dynamics, 12, 38, pp.1381-1399, 2009.
- Ji X, Kato M, Wang T, Hitaka T, Nakashima M : Effect of gravity columns on mitigation of drift concentration for braced frames, Journal of Constructional Steel Research, 12, 65, pp.2148-2156, 2009.
- Yamaguchi Satoru, Uyeshima Makoto, Murakami Hideki, Sutoh Sirou, Tanigawa Daichi, Ogawa Tsutomu, Oshiman Naoto, Yoshimura Ryohei, Aizawa Koki, Shiozaki Ichiro, Kasaya Takafumi : Modification of the Network-MT method and its first application in imaging the deep conductivity structure beneath the Kii Peninsula, southwestern Japan, Earth, Planets and Space, 8, 61, pp.957-971, 2009.
- 吉村令慧, 大志万直人, 笠谷貴史, 飯尾能久, 三浦勉, 西村和浩, 山崎友也, 比嘉哲也, 広瀬成章, 平加奈子 : AMT Observations Around the Focal Region of the 1984 Western Nagano Earthquake, 1984 年長野県西部地震震源域周辺での AMT 観測, 京都大学防災研究所年報, B52, pp.249-254, 2009.
- Yoshimura Ryohei, Oshiman Naoto, Uyeshima Makoto, Toh Hiroaki, Uto Tomofumi, Kanazaki Hironori, Mochido Yuji, Aizawa Koki, Ogawa Yasuo, Nishitani Tadashi, Sakanaka Shin'ya, Mishina Masaaki, Satoh Hideyuki, Goto Tadanori, Kasaya Takafumi : Magnetotelluric Transect Across the Niigata-Kobe Tectonic Zone, Central Japan: A Clear Correlation Between Strain Accumulation and Resistivity Structure, Geophysical Research Letters, doi:10.1029/2009GL040016, 36, 2009.
- Mori, J., Y. Kano : The 1999 Chi-Chi, Taiwan Earthquake (Mw=7.6) and Fault Zone Temperature Measurements to Determine Fault Friction, J. Japan Soc. Natural Disaster Sci, 2, 28, pp.151-159, 2009.
- Miyazawa Masatoshi, Mori Jim : Test of seismic hazard map from 500 years of recorded intensity data in Japan, Bulletin of the Seismological Society of America, doi:10.1785/0120080262, 6, 99, pp.3140- 3149, 2009.
- Ji, X., Kato, M., Wang, T., Hitaka, T., Nakashima, M. : Effect of gravity columns on mitigation of drift concentration for braced frames, Journal of Constructional Steel Research, 12, 65, pp.2148-2156, 2009.
- 長江拓也 鍾育霖 島田侑 福山國夫 梶原浩一 井上貴仁 中島正愛 斉藤大樹 北村春幸 福和伸夫 日高桃子 :

- Development of frame test system to assess seismic performance of high-rise buildings: E-defense shaking table test, 超高層建物の耐震性能を検証する実架構実験システムの構築 - E-ディフェンス振動台実験 -, 日本建築学会構造系論文集, 650, 74, pp.1163-1171, 2009.
- Cui, Y., Nagae, T., Nakashima, M. : Hysteretic Behavior and Strength Capacity of Shallowly embedded Steel Column Bases, *Journal of Structural Engineering*, American Society of Civil Engineers, 12, 135, pp.1231-1238, 2009.
- Snieder Roel, Miyazawa Masatoshi, Slob Evert, Vasconcelos Ivan, Wapenaar Kees : A comparison of strategies for seismic interferometry, *Surveys in Geophysics*, doi:10.1007/s10712-009-9069-z, 45, 30, pp.503-523, 2009.
- Ji, X., Kajiwar, K., Nagae, T., Enokida, R., Nakashima, M. : A substructure shaking table test for reproduction of earthquake responses of high-rise buildings, *Journal of Earthquake Engineering & Structural Dynamics*, 12, 38, pp.1381-1399, 2009.
- McCormick, J., Nagae, T., Ikenaga, M., Zhang, P. C., Katsuo, M., Nakashima, M. : Investigation of the sliding behavior between steel and mortar for seismic applications in structures, *Journal of Earthquake Engineering & Structural Dynamics*, 12, 38, pp.1401-1419, 2009.
- Matsumura M., Iyemori Toshihiko, Tanaka Yoshikazu, Han D., Nose M., Utsugi M., Oshiman Naoto, Shinagawa H., Odagi Y., Tabata Y. : Acoustic resonance between ground and thermosphere, *Data Science Journal*, doi:10.2481/dsj.8.S68, 8, pp.16831470, 2009.
- 飯尾能久 : 内陸地震の発生過程, *地震*, 61, pp.365-378, 2009.
- Sugaya, K., Y. Hiramatsu, M. Furumotmo, H. Katao : Coseismic change and recovery of scattering environment in the crust after the 1995 Hyogo-ken Nanbu earthquake, Japan, *Bull. Seism. Soc.Am.*, doi:10.1785/0120080012, 1, 99, 2009.
- Fukushima Yo, Nishizawa Osamu, Sato Haruo : A performance study of a laser Doppler vibrometer for measuring waveforms from piezoelectric transducers, *IEEE Trans. Ultrasonics and Frequency Control*, 56, pp.1442-1450, 2009.
- Fukushima Yo, Mori Jim, Hashimoto Manabu, Kano Yasuyuki : Subsidence associated with the LUSI mud eruption, East Java, investigated by SAR interferometry, *Marine and Petroleum Geology*, 10.1016/j.marpetgeo.2009.02.001, 29, pp.1740-1750, 2009.
- Matsumoto, S., K. Uehira, A. Watanabe, K. Goto, Y. Iio, N. Hirata, T. Okada, H. Takahashi, H. Shimizu, M. Shinohara, T. Kanazawa : High resolution Q-1 estimation based on extension of coda normalization method and its application to P-wave attenuation structure in the aftershock area of the 2005 West Off Fukuoka Prefecture Earthquake (M7.0), *Geophys. J. Int.*, doi: 10.1111/j.1365-246X.2009., 179, pp.1039-1054, 2009.
- Hashimoto Manabu, Enomoto Mari, Fukushima Yo : Coseismic deformation from the 2008 Wenchuan, China, earthquake derived from ALOS/PALSAR images, *Tectonophysics*, 10.1016/j.tecto.2009.08.034, 2009.
- Iio, Y. : Earthquake nucleation process - Does the initiation of earthquake rupture know about its termination?, *Earthquakes, Tsunamis, and Volcanoes in Encyclopedia of Complexity and Systems Science*, edited by R. A. Meyers, Springer, New York., pp.2538-2555, 2009.
- Kawanishi, R., Y. Iio, Y. Yukutake, T. Shibutani, H. Katao : Local stress concentration in the seismic belt along the Japan Sea coast inferred from precise focal mechanisms: Implications for the stress accumulation process on intraplate earthquake faults, *J. Geophys. Res.*, B01309, doi:10.1029/2008JB0057, 2009.
- Mikumo, T., T. Shibutani, A. Le Pichon, M. Garces, D. Fee, T. Tsuyuki, S. Watada, W. Morii : Low-frequency acoustic-gravity waves from coseismic vertical deformation associated with the 2004 Sumatra-Andaman earthquake (Mw = 9.2), *J. Geophys. Res.*, doi:10.1029/2008JB005710, 113, 2009.
- 澁谷拓郎, 平原和朗, 上野友岳 : Receiver function analyses for estimating seismic velocity discontinuity structure, レシーバ関数解析による地震波速度不連続構造, *地震* 第2輯, 61, pp.S199-S207, 2009.
- Teraishi Masahiro Ohra Fumio Takeuchi Fumiaki Morii Wataru Onoue Kensuke Hosono Yosinobu Sonoda Yasumi Wada Yasuo : Seasonal Variations in the Continuous Observations of the Crustal Movement, 地殻変動連続観測における季節変化, *京都大学防災研究所年報*, B52, pp.285-291, 2009.
- Iidaka, T., A. Kato, E. Kurashimo, T. Iwasaki, N. Hirata, H. Katao, I. Hirose, H. Miyamachi : Fine structure of P-wave velocity distribution along the Atotsugawa fault, central Japan, *Tectonophysics*, 472, pp.95-104, 2009.
- 小笠原宏, 川方裕則, 石井紘, 中谷正生, 矢部康男, 飯尾能久 : 南ア金鉱山における半制御地震発生実験ー至近距離観測による地震発生過程の解明に向けてー, *地震* 特集号, 61, pp.563-574, 2009.
- Igarashi, T., Iidaka T., Iwasaki T., Shibutani T., Ueno T., Japanese University Group of the Joint Seismic Observation at the Niigata-Kobe Tectonic Zone : Crust and uppermost mantle structure beneath central Japan inferred from receiver function analysis, *Earth Planets Space*, 61, pp.1215-1221, 2009.
- Kawanishi R., Iio Y., Yukutake Y., Shibutani T., Katao H. : Local stress concentration in the seismic belt along the Japan Sea coast inferred from precise focal mechanisms: Implications for the stress accumulation process on intraplate earthquake faults, *J. Geophys. Res.*, doi: 10.1029/2008JB005765, 114, 2009.
- 立尾有騎, 井口正人 : 桜島における BL 型地震群発活動に伴う地盤変動, *火山*, 53, pp.175-186, 2009.
- Yokoo Akihiko, Tameguri Takeshi, Iguchi Masato : Swelling-up of lava plug associated with Vulcanian eruption at Sakurajima volcano, Japan, as revealed by infrasound record-Case study on eruption on January 2, 2007-, *Bull.*

- Volcanol., doi:10.1007/s00445-008-0247-5, 6, 71, pp.619-630, 2009.
- Miwa Takahiro, Toramaru Atsushi, Iguchi Masato : Correlation of volcanic ash texture with explosion earthquake at Sakurajima volcano, Japan, Jour. Volcanol. Geotherm. Res., 3, 184, pp.473-486, 2009.
- Saepuloh Asep, Koike Katsuaki, Omura Makoto, Iguchi Masato, Setiawan Ari : SAR Based Characterization of Distribution Pattern of Pyroclastic Flow Deposits at Mt. Merapi during Recent Ten Years, Bull. Volcanol., DOI 10.1007/s00445-009-0310-x, 2, 72, pp.221-232, 2009.
- Okubo Ayako, Kanda Wataru, Tanaka Yoshikazu, Ishihara Kazuhiro, Miki Daisuke, Utsugi Mitsuru, Takayama Tetsuro, Fukushima Masayo : Apparent Magnetization Intensity Map on Sakurajima Volcano, Kyushu, Japan, Inferred from Low-altitude, High-density Helicopter-borne Aeromagnetic Surveys, Tectonophysics, doi:10.1016/j.tecto.2008.07.020, 40910, 478, pp.34-42, 2009.
- Kanda Wataru, Utsugi Mitsuru, Tanaka Yoshikazu, Hashimoto Takeshi, Fujii Ikuko, Hasenaka Toshiaki, Shigeno Nobuaki : A heating process of Kuchi-erabu-jima volcano, Japan, as inferred from geomagnetic field variations and electrical structure, Journal of Volcanology and Geothermal Research, 10.1016/j., 2009.
- Ichihara Mie, Ripepe Maurizio, Goto Akio, Oshima Hiromitsu, Aoyama Hiroshi, Iguchi Masato, K.Tanaka, Taniguchi Hiromitsu : Airwaves generated by an underwater explosion: Implications to volcanic infrasound, Jour. Geophys.Res., doi:10.1029/2008JB005792, B3, 114, pp.B03210, 2009.
- Triastuty Hetty, Iguchi Masato, Tameguri Takeshi : Temporal change of characteristics of shallow volcano-tectonic earthquakes associated with increase in volcanic activity at Kuchinoerabujima Volcano, Japan, Jour. Volcanol. Geotherm. Res., 3, 187, pp.40920, 2009.
- Onizawa Shin'ya, Oshima Hiromitsu, Aoyama Hiroshi, Maekawa Tokumitsu, Suzuki Atsuo, Miyamachi Hiroki, Tsutsui Tomoki, Matsushima Takeshi, Tanaka Satoru, Oikawa Jun, Matsuwo Norimichi, Yamamoto Keigo, Shiga Toru, Mori Takehiko : Basement structure of Hokkaido Komagatake Volcano, Japan, as revealed by artificial seismic survey, Journal of Volcanology and Geothermal Research, 183, pp.245-253, 2009.
- Aoki Yosuke, Takeo Minoru, Aoyama Hiroshi, Fujimatsu Jun, Matsumoto Satoshi, Miyamachi Hiroki, Nakamichi Haruhisa, Ohkura Takahiro, Ohminato Takao, Oikawa Jun, Tanada Rie, Tsutsui Tomoki, Yamamoto Keigo, Yamamoto Mare, Yamasato Hitoshi : P-wave velocity structure beneath Asama Volcano, Japan, inferred from active source seismic experiment, Journal of Volcanology and Geothermal Research, 187, pp.272-277, 2009.
- 肥田剛典, 田村修次 : 液状化地盤における杭剛性が免震構造物の応答と杭応力に及ぼす影響, 日本建築学会構造系論文集, 650, 75, pp.825-830, 2010.
- 高橋良和, 小寺雅子 : 動的相互作用問題への遠心力場ハイブリッド実験手法の適用性, 土木学会構造工学論文集, 56A, pp.334-341, 2010.
- Wenbo Zhang, Tomotaka Iwata, Kojiro Irikura : Dynamic simulation of the 1999 Chi-Chi, Taiwan, earthquake, J. Geophysical Research, doi:10.1029/2008JB006201, 115, 2010.
- 田村修次, 内田明彦, 石崎定幸, 大島快仁, 藤森健史 : 液状化地盤での応答変位法の活用状況に関するアンケート調査, 日本建築学会技術報告集, 35, 16, pp.91-94, 2010.
- 土井公人, 坂下雅信, 河野進, 田中仁史 : 千鳥開口を有する RC 造連層耐震壁のせん断耐力評価に関する研究, コンクリート工学年次論文報告集, 2, 32, pp.355-360, 2010.
- Asako Iwaki, Tomotaka Iwata : Simulation of long-period ground motion in the Osaka sedimentary basin: performance estimation and the basin structure effects, Geophysical Journal International, 162, pp.1062-1076, 2010.
- Anatoly Petukhin, Tomotaka Iwata, Takao Kagawa : Study on the effect of the oceanic water layer on the strong ground motion simulation, Earth, Planets and Space, 62, pp.621-630, 2010.
- 肥田剛典, 田村修次 : カオスカオストラクタを用いた RC 杭基礎の損傷評価, 構造工学論文集, 56B, pp.371-376, 2010.
- 秀川貴彦, 岸本美季, 柏尚稔, 宮本裕司, 田村修次 : 杭-地盤系の非線形性を考慮した杭基礎建物の地震応答性状, 日本建築学会構造系論文集, 661, 76, pp.491-498, 2010.
- 石崎定幸, 内田明彦, 田村修次, 大島快仁, 藤森健史 : 液状化地盤における杭基礎の水平抵抗に関する遠心載荷実験とブラインドテスト, 日本建築学会技術報告集, 34, 16, pp.923-928, 2010.
- Mori, J., Y. Kano, J. McGuire : Ocean Transform Fault Drilling and Water Injection: An Active Experiment to Trigger a Moderate Earthquake, Gekkan Chikyū, 32, pp.86-88, 2010.
- Miyazawa Masatoshi, Mori Jim : Reply to "Comment on 'Test of seismic hazard map from 500 years of recorded intensity data in Japan' by Masatoshi Miyazawa and Jim Mori" by Celine Beauval, Pierre-Yves Bard, and John Douglas, Bulletin of the Seismological Society of America, doi: 10.1785/0120100158, 6, 100, pp.3332-3334, 2010.
- 田井暢, 日高桃子, 崔瑤, 宋書海, 中島正愛 : Development of steel beam-to-column connections using SFRCC floor slabs as exterior diaphragms, SFRCC 製床スラブを外ダイアフラムとして用いる鋼構造柱梁接合形式の開発, 日本建築学会構造系論文集, 653, 75, pp.1369-1376, 2010.
- 伊藤麻衣, 坪山紀子, 中島正愛 : Seismic performance of slitted steel plates enclosed by wood panels, 木質パネルで面外補剛されたスリット入り鋼板の耐震性能, 日本建築学会構造系論文集, 657, 75, pp.2055-2061, 2010.
- Hayashida, T., F. Tajima, J. Mori : Improved Seismic Velocity Structure in Southwestern Japan Using Pronounced sP Phases Recorded for Intra-slab Earthquakes, Bull. Seismol. Soc. Am., doi: 10.1785/0120090354, 100, pp.1928-1939,

- 2010.
- Chung, Y., Nagae, T., Hitaka, T., Nakashima, M. : Seismic Resistance Capacity of High-Rise Buildings Subjected to Long-Period Ground Motions: E-Defense Shaking Table Test, *Journal of Structural Engineering*, American Society of Civil Engineers, 6, 136, pp.637-644, 2010.
- Yamada Masumi, Mori Jim, Ohmi Shiro : Temporal changes of subsurface velocities during strong shaking as seen from seismic interferometry., *J. Geophys. Res.*, doi:10.1029/2009JB006567, B03302, 115, 2010.
- Nugraha, A., J. Mori, S. Ohmi : Thermal Structure of the subduction zone in western Japan derived from seismic attenuation data, *Geophys. Res. Lett.*, doi:10.1029/2009GL041522, L06310, 37, 2010.
- 島田侑, 佐藤大樹, 長江拓也, 北村春幸, 福山國夫, 梶原浩一, 井上貴仁, 中島正愛, 齊藤大樹, 福和伸夫, 日高桃子 : Investigation on partial install of hysteretic dampers into lower stories of high-rise buildings: retrofitting against long-period ground motion, 超高層建物の下層階に部分配置する履歴型ダンパーの効果と影響に関する検討 - 長周期地震動を想定した耐震改修 -, *日本建築学会構造系論文集*, 75, 649, pp.549-557, 2010.
- 佐藤大樹, 島田侑, 大内隼人, 長江拓也, 北村春幸, 福山國夫, 梶原浩一, 井上貴仁, 中島正愛 : Energy dissipation and distribution ratio in a steel high-rise building subjected to long-period ground motions: e-defense shaking table tests of partially extracted frame, 長周期地震動を受ける鋼構造長高層建物のエネルギー吸収と分担率 - 部分切り出し架構に対する E - ディフェンス振動台実験 -, *日本建築学会構造系論文集*, 653, 75, pp.1217-1226, 2010.
- Jacobsen, A., Hitaka, T., Nakashima, M. : Online Test of Buckling Frame with Slit-Wall Dampers Capable of Condition Assessment, *Journal of Constructional Steel Research*, 11, 66, pp.1320-1329, 2010.
- 引野剛, 大崎純, 笠井和彦, 多田元英, 中島正愛 : Summary of blind analysis contest for full-scale four-story steel building and evaluation of accuracy of numerical analysis, 実大4層鉄骨造建物のブラインド解析コンテストの総括と解析精度の検討, *日本建築学会構造系論文集*, 655, 75, pp.1717-1726, 2010.
- 榎田竜太, 長江拓也, 梶原浩一, 中島正愛 : Pounding shaking table test techniques to realize high frequency input over the reproducible frequency of tables, 振動台の再現可能振動数を超える高振動数入力を実現する衝突振動台実験手法, *日本建築学会構造系論文集*, 657, 75, pp.1975-1982, 2010.
- 竹本修三, J. Mori, L. Rivera, J. Frechet : Short history of the Rebour-Paschwitz tiltmeter used in Kamigamo observatory, Kyoto, 京都・上賀茂観測所で使用されたレボイル・パシュウィツ式傾斜計の変遷, *地震 第2輯*, 63, pp.45-55, 2010.
- Yamaguchi Satoru, Ogawa Yasuo, Fuji-ta Kiyoshi, Ujihara Naoto, Inokuchi Hiroo, Oshiman Naoto : Audio-frequency magnetotelluric imaging of the Hijima Fault, Yamasaki Fault System, southwest Japan, *Earth, Planets and Space*, 4, 62, pp.401-411, 2010.
- Smyth, C., J. Mori : Statistical models for temporal variations of seismicity parameters to forecast seismicity rates in Japan, *Earth, Planets and Space*, doi:10.5047/eps.2010.10.001, 3, 63, pp.231-238, 2010.
- Smyth, C., J. Mori C. Jiang : Model Ensembles for Prediction of Wenchuan Aftershock Activity, *Bull. Seismol. Soc. Am.*, doi: 10.1785/0120090300, 100, pp.2532-2538, 2010.
- 片木武, 橋本学 : Modeling of Postseismic Deformation Following the Sumatra-Andaman Earthquake with Viscoelastic Relaxation Using Three-Dimensional Finite Element Method, 三次元有限要素法を用いたスマトラ - アンダマン地震の余効変動の粘弾性緩和によるモデル化, *測地学会誌*, 2, 56, pp.73-85, 2010.
- 梅田康弘, 重富國宏, 尾上謙介, 浅田照行, 細善信, 近藤和男, 橋本学, 木村昌三, 川谷和夫, 大村誠 : On the Well Water Decreases Preceded the Nankai Earthquake - For the Prediction of Next Nankai Earthquake -, 南海地震前の井戸水の低下について - 次の南海地震の予知に向けて -, *地震 第2輯*, 1, 63, pp.1-10, 2010.
- Katsumata, K, M. Kosuga, H. Katao, the Japanese University Group of the Joint Seismic Observations at NKTZ : Focal mechanisms and stress field in the Atotsugawa fault area, central Honshu, Japan, *Earth Planets Space*, 4, 62, pp.367-380, 2010.
- Alam, M. M., Katao, H., Kumar, A., Kimura, M. : Relationship Between Major Eruptions and Large Earthquakes: A Comparative Study Between Japan and Indonesia, *京都大学防災研究所年報*, B53, pp.219-226, 2010.
- Yo Fukushima, Valerie Cayol, Phillippe Durand, Didier Massonnet : Evolution of magma conduits during the 1998?2000 eruptions of Piton de la Fournaise volcano, Reunion Island, *Journal of Geophysical Research*, 10.1029/2009JB007023, 115, pp.B10204, 2010.
- Manabu Hashimoto, Mari Enomoto, Yo Fukushima : Coseismic deformation from the 2008 Wenchuan, China, earthquake derived from ALOS/PALSAR images, *Tectonophysics*, 10.1016/j.tecto.2009.08.034, 491, pp.59-71, 2010.
- 榎本真梨, 橋本学, 福島洋, 深畑幸俊 : Analysis of crustal deformation associated with the 2008 Wenchuan, China, earthquake using ALOS/PALSAR data, ALOS/PALSAR データを用いた 2008 年ぶん川地震に伴う地殻変動解析, *測地学会誌*, 4, 56, pp.155-167, 2010.
- Yukutake, Y., Y. Iio, S. Horiuchi : Detailed spatial changes in the stress field of the 1984 western Nagano earthquake region, *J. Geophys. Res.*, doi:10.1029/2008JB006111, 115, 2010.
- Tezel T., Shibutani T., Kaypak B. : Crustal structure variation in western Turkey inferred from the receiver function analysis, *Tectonophysics*, 492, pp.240-252, 2010.
- Abe Yuki, Ohkura Takahiro, Shibutani Takuo, Hirahara Kazuro, Kato Mamoru : Crustal structure beneath Aso Caldera, Southwest Japan, as derived from receiver function analysis,

J. Volc. Geoth. Res., 195, pp.1-12, 2010.

Yokoo Akihiko, Iguchi Masato : Swelling of crater bottom as a part of eruption processes at Suwanosejima volcano, Japan: Using an alternative signal of infrasound wave recorded on eruption movie, Jour. Volcanol. Geotherm. Res., 196, pp.287-294, 2010.

嶋野岳人, 横尾亮彦, 井口正人, 味喜大介 : 粒径に着目した桜島昭和火口噴出物による活動評価指標の検討, 桜島火山における多項目観測に基づく火山噴火準備過程解明のための研究 平成 21 年度報告書, pp.93-96, 2010.

Aizawa Koki, Yokoo Akihiko, Kanda Wataru, Ogawa Yasuo, Iguchi Masato : Magnetotelluric pulses generated by volcanic lightning at Sakurajima Volcano, Japan, Geophys. Res. Lett., doi:10.1029/2010GL044208, 37, 2010.

八木原寛, 井口正人, 為栗健, 筒井智樹, 及川純, 大倉敬宏, 宮町宏樹 : Three-dimensional P-wave velocity structure and the explosion field at the shallow part of Suwanosejima volcano, 諏訪之瀬島の火山体浅部 3 次元 P 波速度構造と爆発発生場, 火山, 2, 55, pp.75-87, 2010.

著書

森永速男, 片尾 浩 : 地球の恵みに感謝 - 素晴らしい地球のシステム -, ふくろう出版, ISBN978-4-86186-354-7, 2008.

川崎一朗 : 災害社会, 京都大学学術出版会, 2009.

飯尾能久 : 内陸地震はなぜ起こるのか?, 近未来社, 2009.

井口正人, 横尾亮彦, 為栗健 : 桜島昭和火口噴火の規模について, 京都大学防災研究所年報, B53, pp.233-240, 2010.

地盤研究グループ

完全査読論文

三村衛, 吉村貢 : 高松塚古墳壁画の被災要因の調査と石室解体に向けた工学的貢献, 自然災害科学, ISSN-0286-6021, 3, 27, pp.307-317, 2008.

山崎新太郎, 千木良雅弘 : 泥質片岩の風化メカニズム, および風化と地すべりとの関係について : 四国三波川帯の不攪乱ボーリングコアを用いた解析, 地質学雑誌, 3, 114, pp.109-126, 2008.

Suwa, H., Mizuno, T, Suzuki, S., Yamamoto, Y, Ito, K. : Sequential processes in a landslide hazard at a slate quarry in Okayama, Japan, Natural Hazards, 2, 45, pp.321-331, 2008.

井合進 : 海外の耐震設計, 地盤工学会誌, 7, 56, pp.16-19, 2008.

Jurko, Jozef, Sassa, Kyoji, Fukuoka, Hiroshi : Study on seismic behavior of nonplastic silt by means of ring-shear apparatus. Landslides, Landslides, DOI: 10.1007/s10346-008-0113-8, 2008.

Fawu Wang, Yeming Zhang, Zhitao Huo, Xuanming Peng, Kiminori Araiba, Gonghui Wang : Movement of the Shuping landslide in the first four years after the initial impundment of the Three Gorges Dam Reservoir, China, Landslides, DOI 10.1007/s10346-008-0128-1, 3, 5, pp.321-329, 2008.

Huabin Wang, Gonghui Wang, Fawu Wang, Kyoji Sassa, Yuping Chen : Probabilistic modeling of seismically triggered landslides using Monte Carlo simulations, Landslides, DOI 10.1007/s10346-008-0131-6, 4, 5, pp.387-395, 2008.

加藤弘徳, 千木良雅弘 : 中央構造線の地表形態を変化させた四国法皇山脈の重力変形, 応用地質, 3, 50, pp.140-150, 2009.

三村衛, 吉村貢, 金田遙 : 高松塚古墳墳丘の構造と原位置試験および室内試験による地盤特性評価に関する研究, 土木学会論文集 C, 1, 65, pp.241-253, 2009.

三村衛, 吉村貢 : 高松塚古墳石室解体に伴う石室石材および墳丘版築地盤の安定性評価について, 土木学会論文集 C, 3, 65, pp.597-608, 2009.

中田英二, 千木良雅弘 : パッドランド斜面における侵食プロセスに関する地化学的検討 - 台湾南部, 泥火山が分布する古亭坑層での調査 -, 地学雑誌, 3, 118, pp.511-532, 2009.

Masahiro Chigira : September 2005 rain-induced catastrophic rockslides on slopes affected by deep-seated gravitational deformations, Kyushu, southern Japan., Engineering Geology, 108, pp.40923, 2009.

岡野和行, 諏訪浩, 神野忠広 : Rainstorm control of scale and type of debris flows at Kamikamihorizawa Creek of Mount Yakedake, Japan, 焼岳上々堀沢に発生する異なるタイプの土石流と降雨条件の関係, 砂防学会誌, 4, 62, pp.40978, 2009.

Suwa, H., Okano, K., Kanno, T. : Behavior of debris flows monitored at the test slopes in the Kamikamihorizawa Creek, Mount Yakedake, Japan, International Journal of Erosion

- Control Engineering, 2, 2, pp.33-46, 2009.
- Iai Susumu, Ueda Kyohei, Tobita Tetsuo, Ozutsumi Osamu : Finite strain formulation of a strain space multiple mechanism model for granular materials, International Journal for Numerical and Analytical Methods in Geomechanics, 2009.
- Gonghui Wang, Kyoji Sassa : Seismic loading impacts on excess pore water pressure maintain landslide triggered flowslides, Earth Surface Processes and Landforms, DOI: 10.1002/esp.1708, 2, 32, pp.232-241, 2009.
- Dexuan Zhang, Gonghui Wang, Chunyong Luo, Jun Chen Yunxi Zhou : A rapid loess flowslide triggered by irrigation in China., Landslides, DOI 10.1007/s10346-008-0135-2, 1, 6, pp.55-60, 2009.
- William H., Schulz Jason, W. Kean, Gonghui Wang : Landslide movement in southwest Colorado triggered by atmospheric tides, Nature Geoscience, DOI: 10.1038/NCEO659, 2, pp.863-866, 2009.
- Shogo KOMORI, Tsuneomi KAGIYAMA, Hideo HOSHIZUMI, Shinichi TAKAKURA, Mamoru MIMURA : Vertical Mapping of Hydrothermal Fluids and Alteration from Bulk Conductivity: Simple Impretation on the USDP-1 Site, Unzen Volcano, SW, Japan, Journal of Volcanology and Geothermal Research, 198, pp.339-347, 2010.
- 三村衛, 折井友香, 近藤隆義 : デジタル化された地盤情報に基づく埋立造成粘性土地盤の広域不同沈下評価, 自然災害科学, ISSN 0286-6021, 2, 29, pp.219-231, 2010.
- Tsou, C.-Y., Feng, Z.-Y., Chigira, M. : Catastrophic landslide induced by Typhoon Morakot, Shiaolin, Taiwan., Geomorphology, 127, pp.166-178, 2010.
- Iai Susumu, Ichii Koji : Soils and foundations during earthquakes, Soils and Foundations 2010, 6, 50, pp.937-853, 2010.
- Tobita Tetsuo, Iai Susumu, Iwata T : Numerical analysis of near-field asymmetric vertical motion, Bulletin of the Seismological Society of America, 4, 100, pp.1456-1469, 2010.
- 井合進 : 都市域における地震時地盤災害への取り組み - 擁壁形式の地盤・構造物系に則して, 自然災害科学, 1, 29, pp.17-26, 2010.
- Hussien MN, Tobita Tetsuo, Iai Susumu : Nonlinear seismic finite element analysis of soil-pile superstructure interaction, Journal of Applied Mechanics, 13, pp.601-609, 2010.
- Hussien MN, Tobita Tetsuo, Iai Susumu, Rollins KM : Soil-pile separation effect on the performance of a pile group under static and dynamic lateral load, Canadian Geotechnical Journal, 11, 47, pp.1234-1246, 2010.
- Yamasaki, S., Chigira, M. : Weathering mechanisms and their effects on landsliding in pelitic schist., 泥質片岩の風化メカニズムとその地すべりへの影響, Earth Surface Processes and Landforms, 10.1002/esp.2067, 36, pp.481-494, 2010.
- Gonghui Wang, Akira Suemine, William H. Schulz : Shear-rate-dependent control on the dynamics of rainfall-triggered landslides, Tokushima Prefecture, Japan, Earth Surface Processes and Landforms, Doi: 10.1002/esp.1937, 4, 35, pp.407-416, 2010.
- Masahiro Chigira, Xiyong Wu, Takashi Inokuchi, Gonghui Wang : Landslides induced by the 2008 Wenchuan earthquake, Sichuan, China, Geomorphology, doi:10.1016/j.geomorph.2010.01.118, pp.225-238, 2010.
- 王功輝, 末峯章, 陳光齊 : Residual shear behavior of serpentinite in Shiraishi landslide, Tokushima Prefecture and sliding mechanism, 徳島県白石地すべり地における蛇紋岩の残留強度特性および移動土塊の変動メカニズムについて, 日本地すべり学会誌, 5, 47, pp.19-27, 2010.

著書

- Sassa Kyoji, Nagai Osamu, Fukuoka Hiroshi, Wang Fawu : Proceedings of the First World Landslide Forum, Poster Session Volume, 1, pp.1-122, 2008.
- Sassa Kyoji, Fukuoka Hiroshi, Nagai Osamu : Proceedings of the First World Landslide Forum, 1, 2008.
- Sassa Kyoji, Fukuoka Hiroshi, Carreno Raul : Landslide Investigation and Capacity Building in the Machu Picchu Aguas Calientes Area (IPL C101-1), Landslides - Disaster Risk Reduction, ISBN 978-3-540-69966-8, 1, 1, pp.229-248, 2008.
- 井合進 : 環境変化への対応: 地球規模での対応戦略, グリーン産業革命 日経 BP 社, pp.192-203, 2010.
- 山田正雄, 蔡飛, 王功輝 : 2008 Wenchuan Earthquake and Geohazards, 四川大地震と山地災害, 理工図書, ISBN978-4-8446-0750-2, 2010.

大気・水研究グループ

完全査読論文

- 沖和哉, 間瀬肇 : 波・流れ共存場における高精度差分を用いた多方向不規則波浪変形予測モデルの開発, 海岸工学論文集, 55, pp.409-413, 2008.
- Zheng, J., Mase, H., Li, T. : Implementation and evaluation of alternative wave breaking formulas in a coastal spectral wave model, *Ocean Eng.*, 35, pp.1090-1101, 2008.
- Kunihiko Kodera, Hitoshi Mukougawa, Shingo Itoh : Tropospheric impact of reflected planetary waves from the stratosphere, *Geophys. Res. Lett.*, doi:10.1029/2008GL034575, 35, 2008.
- Kim, SooYoul, Yasuda, Tomohiro, Mase, Hajime : Numerical analysis of effects of tidal variations on storm surges and waves, *Applied Ocean Research*, doi:10.1016/j.apor.2009.02.003, 4, 30, pp.311-322, 2008.
- 河井宏允, 西村宏昭, 鈴木雅靖, 大浦豊 : FILED MEASUREMENT OF WIND PRESSURE ON STORY-HIGH DOUBLE SKINS, ダブルスキンファサードに作用する風圧力に関する実大測定について, 第20回風工学シンポジウム論文集, 20, pp.403-408, 2008.
- Yang Kun, Koike Toshio, Ishikawa Hirohiko, Kim Joon, Li Xin, Liu Huizhi, Liu Shaoming, Ma Yaoming, Wang Jiemin : Turbulent Flux Transfer over Bare Soil Surfaces in Arid and Semi-arid Regions, *Journal of Applied Meteorology and Climatology*, 47, pp.276-290, 2008.
- Reis, M.T., Hsu, K., Hedges, T.S., Mase, H. : A comparison of empirical, semiempirical, and numerical wave overtopping models, *Jour. Coastal Res.*, 2B, 24, pp.250-262, 2008.
- 佐藤まどか, 河井宏允, 西川英佑, 西澤英和 : 強風時の木造層塔建築物の応答正常について, 第20回風工学シンポジウム論文集, 20, pp.403-408, 2008.
- 中平順一, 間瀬肇 : 有明海における台風時の高潮・波浪・打上げ・越波リアルタイム予測システムに関する研究, 海洋開発論文集, 24, pp.447-452, 2008.
- Zheng, J., Mase, H. : Modeling of random wave transformation with strong wave-induced coastal currents, *Water Science and Eng. China*, 1, 1, pp.18-26, 2008.
- 斎藤武久, 砂原啓人, 市川督人, 福本正, 間瀬肇, 石田啓 : ニューラルネットワークを用いた人工リーフ周辺の水理特性評価 - トラップ式ダブルリーフを対象として -, 海岸工学論文集, 55, pp.971-975, 2008.
- Nakakita Eiichi, Konoshima Lisako : Developing a method to estimate global distribution of temporal and spatial correlation lengths of instantaneous rainfall using low frequent observation from space, *Proc. of International Symposium on Weather Radar and Hydrology*, pp.4, 2008.
- Maruyama Takashi : Large eddy simulation of turbulent flow around a wind break, *Journal of Wind Engineering and Industrial Aerodynamics*, 96, pp.1998-2006, 2008.
- Maruyama Takashi, Taniguchi T., Okazaki M., Taniike Y. : Field Experiment Measuring the Approaching Flows and Pressures on a 2.4m Cube, *Journal of Wind Engineering & Industrial Aerodynamics*, 6, 96, pp.1084-1091, 2008.
- 佐藤隆宏, 加藤誠司, 田中伸和, 米山望 : ダム洪水吐ク

- レストゲートの非定常放流特性に関する研究, 水工学論文集, 52, pp.793-798, 2008.
- 米山望, 永島弘士, 戸田圭一 : 津波来襲時の漂流物挙動解析手法の開発, 海岸工学論文集, 55, pp.886-890, 2008.
- 米山望, 高畠大輔, 澤田純男, 三浦正博 : スリットをもつ遮蔽板を用いた円筒タンク用スロッシング防止ダンパーの開発, 応用力学論文集, 11, pp.565-576, 2008.
- 米山望, 永島弘士, 戸田圭一 : FAVOR 法を用いた陸上遡上津波に伴う漂流物挙動の数値解析, 水工学論文集, 52, pp.1399-1404, 2008.
- 牛島省, 吉川教正, 米山望, 福津家久 : 自由水面流中の3次元複雑形状物体に作用する流体力の数値解析, 水工学論文集, 52, pp.955-960, 2008.
- Zhang Hao, Nakagawa Hajime, Muto Yasunori, Muramoto Yoshio, Nakanishi Akira : Impacts of flood event on channel morphologies around river restoration structures, *Annual Journal of Hydraulic Engineering, JSCE*, 52, pp.181-186, 2008.
- 堤大三, 藤田正治 : 斜面崩壊過程に与える土層の物理特性の影響に関する検討, 水工学論文集, 52, pp.565-570, 2008.
- Tsutsumi Daizo, Fujita Masaharu : A Numerical Simulation of a Landslide due to Typhoon 0514 in Taketa City, Oita Prefecture, *Journal of Hydrosience and Hydraulic Engineering*, 1, 26, 2008.
- Awal Rependra, Nakagawa Hajime, Kawaike Kenichi, Baba Yasuyuki, Zhang Hao : An integrated approach to predict outflow hydrograph due to landslide dam failure by overtopping and sliding, *Annual Journal of Hydraulic Engineering, JSCE*, 52, pp.151-156, 2008.
- Teraguchi Hiroshi, Nakagawa Hajime, Muto Yasunori, Baba Yasuyuki, Zhang Hao : Flow and sediment transport around impermeable or permeable groins, *Annual Journal of Hydraulic Engineering, JSCE*, 52, pp.175-180, 2008.
- Yoshiko Kosugi, Satoru Takanashi, Shinjiro Ohkubo, Naoko Matsuo, Makoto Tani, Tomonori Mitani, Daizo Tsutsumi, Abdul Rahim Nik : CO2 exchange of a tropical rainforest at Pasoh in Peninsular Malaysia, *Agricultural and Forest Meteorology*, 148, pp.439-452, 2008.
- Tanaka, H., Ishino, K., Nawarathna, B., Nakagawa, H., Yano, S., Yasuda, H., Watanabe, Y., Hasegawa, K. : Field investigation of disasters in Srikankan rivers caused by the 2004 Indian Ocean tsunami, *Journal of Hydrosience and Hydraulic Engineering*, 1, 26, pp.91-112, 2008.
- Zhang, H., Nakagawa, H. : Scour around Spur Dyke: Recent Advances and Future Researches, *Annals of the Disaster Prevention Research Institute, Kyoto University*, B51, pp.633-652, 2008.
- Shrestha Badri Bhakta, Nakagawa Hajime, Kawaike Kenji, Baba Yasuyuki : Numerical and experimental study on debris-flow deposition and erosion upstream of a check dam, *Annual Journal of Hydrosience and Hydraulic Engineering, JSCE*, 52, pp.139-144, 2008.
- 大西良純, 石垣泰輔, 馬場康之, 戸田圭一 : Criterion and Its Application for Safety Evacuation during Underground

- Flooding, 地下空間浸水時における避難困難度指標とその適用, 水工学論文集, 52, pp.841-846, 2008.
- Murata, F., Terao, T., Hayashi, T., Asada, H., Matsumoto, J. : Relationship between atmospheric conditions at Dhaka, Bangladesh and rainfall at Cherrapunjee, India, Natural Hazards, doi:10.1007/s11069-007-9125-2, 44, 2008.
- Terao, T., Islam, M. N., Murata, F., Hayashi, T. : High temporal and spatial resolution observations of meso-scale features of pre- and mature summer monsoon cloud systems over Bangladesh, Natural Hazards, doi:10.1007/s11069-007-9128-z, 44, 2008.
- Daizo Tsutsumi, Masaharu Fujita : Relative importance of slope material properties and timing of rainfall for the occurrence of landslides, International Journal of Erosion Control Engineering, 2, 1, pp.79-89, 2008.
- Kojiri Toshiharu, Hamaguchi Toshio, Ode Mariko : Impact Assessment of Global Warming on River Basin Water Resources and Ecology, Journal of Hydro-environment Research, 1, pp.164-175, 2008.
- Souma Kazuyoshi, Tanaka Kenji, Nakakita Eiichi, Ikebuchi Shuichi, Takara Kaoru : Effect of the LDAS Derived Realistic Distribution of Soil Moisture on a Summertime Heat Thunderstorm Prediction in Japan, Proc. of 4th Intl. Conf. on Water Resources and Environment Research, pp.2339-2349, 2008.
- Fujihara Yoichi, Tanaka Kenji, Watanabe Tsugihiko, Nagano Takanori, Kojiri Toshiharu : Assessing the Impacts of Climate Change on the Water Resources of the Seyhan River Basin in Turkey: Use of Dynamically Downscaled Data for Hydrologic Simulations, Journal of Hydrology, 2008.
- Watanabe Kozo, Monaghan Michael T., Takemon Yasuhiro, Omura Tatsuo : Biodilution of heavy metals in a stream macroinvertebrate food web: Evidence from stable isotope analysis, Science of the Total Environment, doi:10.1016/j.scitotenv.2008.0.1, 394, pp.57-67, 2008.
- 小林孝, 小尻利治, 野沢徹 : Estimation of Precipitation Variation in River Basin Scale with Outputs from an Atmosphere-Ocean General Circulation Model called by MIROC, 全球大気海洋結合モデル MIROC 出力のダウンスケールと流域内降水量の推定, 水文・水資源学会学会誌, 1349-2853, 6, 21, pp.423-438, 2008.
- Kojiri Toshiharu, Kobaayasi Takasi, Nozawa Tooru : Estimation of Precipitation Variation in River Basin Scale, 4th Int. Conf. of Water Resources and Environment Research, -24878, 2008.
- 鈴木博人, 中北英一, 高橋日出男 : SPATIAL REPRESENTATIVENESS OF PRECIPITATION BASED ON DATA OBSERVED BY RAIN GAUGES, 雨量計の観測値を用いた降水量の空間代表性の解析, 土木学会水工学論文集, 53, pp.391-396, 2009.
- 中北英一, 杉谷祐二 : DEVELOPPING OF THE MODEL OF GENERATING VIRTUAL DRAINAGE BASIN INTRODUCED MATHEMATICAL MODEL OF SLOPE/STREAM EVOLUTION, 斜面・河道発達過程の数値モデルを導入した模擬流域発生手法の開発, 土木学会水工学論文集, 53, pp.439-444, 2009.
- 間瀬肇, 田中遼, 森信人, 安田誠宏 : 日本海沿岸における波浪の経年変化特性に関する研究, 土木学会論文集 B2 (海岸工学), 1, 65, pp.1251-1255, 2009.
- 安田誠宏, 安藤圭, 森信人, 間瀬肇 : 地球温暖化予測に基づく将来台風変化予測とその確率モデリング, 土木学会論文集 B2 (海岸工学), 1, 65, pp.1281-1285, 2009.
- 高山知司, 安田誠宏, 辻尾大樹, 井上順一 : ライフサイクルコストの最小化による沿岸構造物被覆材の最適設計, 土木学会論文集 B, 1, 65, pp.15-30, 2009.
- 小野信幸, 伊東啓勝, 坂井隆行, 西隆一郎, 間瀬肇 : 河口域の流況特性に関する現地観測と数値シミュレーション, 海岸工学論文集, 56, pp.386-386, 2009.
- Demirbilek Z., D. Lihwa, L. Seabergh, W.C. Mase, H. Zheng, J. : Laboratory and numerical studies of hydrodynamics near jetties, Coastal Engineering Journal, 51, pp.143-175, 2009.
- 河合弘泰, 橋本典明, 山城賢, 安田誠宏 : 確率台風シミュレーションの風場モデルと将来の台風出現特性による確率高潮偏差の変化, 土木学会論文集 B2 (海岸工学), 1, 65, pp.1256-1260, 2009.
- 森信人, 高田理絵, 安田誠宏, 間瀬肇, 金洙列 : 強風時の表層鉛直混合が高潮および物理環境へ及ぼす影響, 土木学会論文集 B2 (海岸工学), 1, 65, pp.241-245, 2009.
- 木村雄一郎, 新里英幸, 仲保京一, 安田誠宏, 間瀬肇 : フラップゲート式可動防波堤の波圧応答特性に関する実験的研究, 土木学会論文集 B2 (海岸工学), 1, 65, pp.806-810, 2009.
- 玉田崇, 間瀬肇, 安田誠宏 : 複合断面に対する波の不規則性を考慮した打上げ高算定法に関する研究, 土木学会論文集 B2 (海岸工学), 1, 65, pp.936-940, 2009.
- 木村雄一郎, 新里英幸, 仲保京一, 安田誠宏, 間瀬肇 : 倒伏状態の津波・高潮対応フラップ式可動ゲートの係留特性に関する実験的研究, 海洋開発論文集, 25, pp.93-98, 2009.
- 安田誠宏, 高橋真弘, 間瀬肇, 松下紘資, 徳永誠之 : 高耐波安定性消波ブロックの開発に関する実験的研究, 海洋開発論文集, 25, pp.587-592, 2009.
- 安田誠宏, 間瀬肇, 高橋真弘, 松下紘資, 徳永誠之 : 波形勾配および碎波の影響を考慮した消波ブロック安定数算定式の提案, 海洋開発論文集, 25, pp.575-580, 2009.
- 萬和明, 田中賢治, 中北英一 : 水収支に基づく土壌水分推定値の精度評価, 土木学会水工学論文集, 53, pp.403-408, 2009.
- 中北英一, 木島梨沙子 : 衛星観測を用いた瞬時降雨量の時間相関長さの全球分布推定, 土木学会水工学論文集, 53, pp.217-222, 2009.
- 中北英一, 山口弘誠, 隅田康彦, 竹畑栄伸, 鈴木賢士, 中川勝広, 大石哲, 出世ゆかり, 坪木和久, 大東忠保 : 偏波レーダーとビデオゾンデの同期観測および降水粒子タイプ判別, 土木学会水工学論文集, 53, pp.361-366, 2009.
- 辻尾大樹, 安田誠宏 : ライフサイクルコストを考慮した消波ブロック被覆堤の最適設計に関する研究, 土木学会論文集 B2 (海岸工学), 1, 65, pp.916-920, 2009.

- 丸山敬：有孔フェンス周囲の非定常流れ場の数値シミュレーション，日本建築学会構造系論文集，639，74，pp.873-880，2009.
- 金洙列，松見吉晴，安田誠宏，間瀬肇，河合直樹：日本海沿岸における台風通過後の異常高潮特性の解析，土木学会論文集 B2 (海岸工学)，1，65，pp.376-380，2009.
- 森信人，岩嶋亮太，安田誠宏，間瀬肇，Tracey H. Tom：地球温暖化予測に基づく全球の海上風・波浪の将来変化予測，土木学会論文集 B2 (海岸工学)，1，65，pp.1271-1275，2009.
- 安田誠宏，山口達也，金洙列，森信人，間瀬肇：気象モデルにおける4次元データ同化およびネスティングが高潮推算精度に及ぼす影響に関する研究，土木学会論文集 B2 (海岸工学)，1，65，pp.381-385，2009.
- 間瀬肇，高橋真弘，安田誠宏，森信人：信頼性解析による消波ブロックの耐波安定性確率評価に関する研究，土木学会論文集 B2 (海岸工学)，1，65，pp.946-950，2009.
- 間瀬肇，森信人，安田誠宏，作中淳一郎，宇都宮智昭：北太平洋波浪解析値を利用した沿岸海域における設計波浪の算定システム，土木学会論文集 B2 (海岸工学)，1，65，pp.146-150，2009.
- 森信人，吉木昌弘，島田広昭，安田誠宏，間瀬肇，河合弘泰，加島寛章：観測データに基づく気象・海象条件とFreak Wave出現特性の解析，土木学会論文集 B2 (海岸工学)，1，65，pp.141-145，2009.
- Tracey H. Tom，間瀬肇，安田誠宏，森信人：リアルタイム波浪予測と仮想波高計による配信システムの開発，土木学会論文集 B2 (海岸工学)，1，65，pp.1471-1475，2009.
- 山口弘誠，中北英一：偏波レーダーCOBRAを用いた降水粒子種類の同化手法の提案，土木学会水工学論文集，53，pp.335-360，2009.
- Ma Yaoming, Ma Weiqiang, Wang Yongie, Zhong Lei, Li Maoshan, Ishikawa Hirohiko：Study of the energy and water cycle over the heterogeneous landscape of the northern Tibetan Plateau, IAHS Publication, 335, 2009.
- Ma Weiqiang, Ma Yaoming, Li Maoshan, Hu Zeyong, Zhong Lei, Su Zhongbo, Ishikawa Hirohiko, Wang Jieming：Estimating surface fluxes over the north Tibetan Plateau area with ASTER imagery, Hydrology and Earth System Sciences, www.hydrol-earth-syst-sci.net/, 13, pp.57-67, 2009.
- Ma Yaoming, Wang Y., Wu R., Hu Zeyong, Yang Kun, Li Maoshan, Ma Weiqiang, Zhong Lei, Sun Fanling, Ishikawa Hirohiko：Recent advances on the study of atmosphere-land interaction observations on the Tibetan Plateau, Hydrology and Earth System Sciences, www.hydrol-earth-syst-sci.net, 13, pp.1103-1111, 2009.
- Li Maoshan, Ma Yaoming, Hu Zeyong, Ishikawa Hirohiko, Oku Yuichiro：Snow distribution over the Namco lake area of the Tibetan Plateau, Hydrology and Earth System Sciences, www.hydrol-earth-syst-sci.net/, 13, pp.2023-2030, 2009.
- Hitoshi Mukougawa, Toshihiko Hirooka, Yuhji Kuroda：Influence of stratospheric circulation on the predictability of the tropospheric Northern Annular Mode, Geophys. Res. Lett., doi:10.129/2008GL037127, L09914, 36, 2009.
- Keita Sakurai, Hitoshi Mukougawa：Characteristics of the Meso-scale Environments of Storms Associated with Typhoon-spawned Tornadoes in Miyazaki, Japan, SOLA, doi:10.2151/sola.2009-002, 2, 5, pp.41037, 2009.
- Souma, Kazuyoshi, Kenji Tanaka, Eiichi Nakakita, Shuichi Ikebuchi, Kaoru Takara：The effect of soil moisture on a summer time convective rainfall in central Japan, Monthly Weather Review, 2009.
- 丸山敬，藤井文夫：Numerical calculation of dynamic motion of a net in the wind flow, 風速場とネットの変形に関する連成解析，日本風工学会誌，2，34，pp.21-30，2009.
- 丸山敬，河井宏允，西村宏昭，加茂正人：外装材耐衝撃性能試験用エアークャノン，日本風工学会論文集，2，34，pp.31-38，2009.
- 東良慶，関口秀雄，釜井俊孝：埋没水害地形の同定：非破壊物理探査法の適用，土木学会論文集 B2 (海岸工学)，2，65，pp.141-150，2009.
- 東良慶，関口秀雄，蔡曙伍，渡邊康司：漂砂系土砂収支の把握に向けた浅海域高解像度海底地形計測の試み，土木学会論文集 B2 (海岸工学)，1，65，pp.1431-1435，2009.
- 馬場康之，石垣泰輔，戸田圭一，中川一：Experimental study on evacuation from a submerged vehicle by using real size model, 水没した自動車からの避難に関する実験的研究，土木学会水工学論文集，53，pp.853-858，2009.
- Zhang, H., Nakagawa, H.：Characteristics of local flow and bed deformation at impermeable and permeable spur dykes, Annual Journal of Hydraulic Engineering, JSCE, 53, pp.145-150, 2009.
- Shrestha, B. B., Nakagawa, H., Kawaike, K., Baba, Y., Zhang H.：Numerical simulation on debris-flow with driftwood and its capturing due to jamming of driftwood on a grid dam, Annual Journal of Hydraulic Engineering, JSCE, 53, pp.169-174, 2009.
- Zhang, H., Nakagawa, H., Kawaike, K., Baba, Y.：Experiment and simulation of turbulent flow in local scour around a spur dyke, International Journal of Sediment Research, 1, 24, pp.33-45, 2009.
- 角哲也，中川一，鈴木崇正，馬場和史，小田将広：Development of river flow measurement system under the condition of riverbed evolution and its field experiments, 河床変動に対応した河川流量観測システムの開発と実河川実験，土木学会水工学学会・河川技術論文集，15，pp.495-500，2009.
- 川池健司，中川一，今井洋兵：Numerical simulation model of inundation flow considering process of stormwater drainage in urban area, 都市域の雨水排水過程に着目した内水氾濫解析モデル，土木学会水工学論文集，53，pp.817-822，2009.
- Kanda, K., Samoto, Y., Muto, Y., Zhang, H., Nakagawa, H., Nanbu Y.：A study on morphological response of river channel due to falling works improvement, Annual Journal of Hydraulic Engineering, JSCE, 53, pp.757-762, 2009.

- Awal, R., Nakagawa, H., Kawaike, K., Baba, Y., Zhang H. : Numerical and experimental study on 3D transient seepage and slope stability of landslide dam failure, Annual Journal of Hydraulic Engineering, JSCE, 53, pp.61-66, 2009.
- Onishi Yoshizumi, Ishigaki Taisuke, Baba Yasuyuki, Toda Keiichi : Criterion and Its Application for Safety Evacuation During Underground Flooding, Journal of Hydrosience and Hydraulic Engineering, 1, 27, pp.83-88, 2009.
- 牛島省, 吉川教正, 米山望 : Numerical Prediction for Fluid Forces acting on 3D Complicated-Shaped Objects in Free-Surface Flows, Journal of Hydrosience and Hydraulic Engineering, 1, 27, pp.23-35, 2009.
- 米山望, 永島弘士 : Development of a Three Dimensional Numerical Analysis Method for the Drift Behavior in Tsunami, 複雑な移動・回転を考慮した津波漂流物の三次元数値解析手法の開発, 海岸工学論文集, 56, pp.266-270, 2009.
- Nakagawa Hajime, Awal Ripendra, Kawaike Kenji, Baba Yasuyuki, Zhang Hao : Natural dam failure and estimation of resultant flood hydrograph, Proc. of the 2nd International Conference on Water and Flood Management, ISBN:984-300-003354-5, pp.677-685, 2009.
- 松宮弘信, 米山望, 田中尚, 鮫島竜一, 佐藤広章 : Numerical Analysis of Salt Water Behavior Caused by River-Runup of Tsunami in the Upstream part of the Yodo River Weir, 河川遡上津波発生時の淀川大堰上流部における塩水挙動解析, 自然災害科学, 2, 28, pp.125-135, 2009.
- Kawaike Kenji, Nakagawa Hajime, Imai Yohei : Numerical simulation of inundation flow considering stormwater drainage process in urban area, Proc. of the 2nd International Conference on Water and Flood Management, ISBN:984-300-003354-5, pp.259-266, 2009.
- Daizo Tsutsumi, Masaharu Fujita : Effect of slope material properties on the timing, size and processes of landslides, Journal of Hydrosience and Hydraulic Engineering, 1, 27, pp.105-119, 2009.
- 泉山寛明, 堤大三, 手島宏之, 藤田正治 : 地表面熱収支を考慮した裸地斜面における凍結融解シミュレーション, 水工学論文集, 53, pp.643-648, 2009.
- 堤大三, 藤田正治, 泉山寛明 : 気温上昇による土砂生産に対する凍結融解の影響変化予測, 水工学論文集, 53, pp.649-654, 2009.
- Suzuki Atsunori, Kawano Masanori, Hagihara Yoshimi, Kojiri Toshiharu : Environmental Evaluation on Macro-Invertebrates in, 33rd IAHR Congress, 978-94-903650-1-1, pp.6569-6576, 2009.
- 嶋村鉄也, 徳地直子, 尾坂兼一, 伊藤雅之, 大手信人, 竹門康弘 : Assessments of spatial distribution of water quality in Lake Mizoro-ga-ike for water quality management, 深泥池における水質管理に向けた水質の空間分布の把握, 保全生態学研究, 14, pp.153-163, 2009.
- Kohzu A, Tayasu I, Yoshimizu C, Maruyama A, Kohmatsu Y, Hyodo F, Onoda Y, Igeta A, Matsui K, Nakano T, Wada E, Nagata T, Takemon Y : Nitrogen-stable isotopic signatures of basal food items, primary consumers and omnivores in rivers with different levels of human impact., Ecological Research, DOI 10.1007/s11284-008-0489-x, 24, pp.127-136, 2009.
- 渡辺幸三, 八重樫咲子, 菊池裕二, 竹門康弘, 風間聡, 大村達夫 : Evaluation of dispersal pattern of *Stenopsyche marmorata* in a basin-scale using polymorphic DNA markers., DNA 多型マーカーによるヒゲナガカワトビケラの流域内移動分散パターンの評価, 水環境学会誌, 32, pp.253-258, 2009.
- Kato Y., Hori M., Tayasu I., Takemon Y. : Spatial heterogeneity of trophic pathways in the invertebrate community of a temperate bog., Freshwater Biology, doi:10.1111/j.1365-2427.2009.02, 55, pp.450-462, 2009.
- Kato Y., Takemon Y., Hori M. : Invertebrate assemblages in relation to habitat types on a floating mat in Mizorogaike Pond, Kyoto, Japan., Limnology, 10, pp.167-176, 2009.
- Kimura, Makoto, Yoshinobu Kido, Eiichi Nakakita : Development of real-time flood forecasting method in urban drainage areas, Proc. of 9th International Conference on Hydroinformatics, 2010.
- 城戸由能, 福田勝之, 中北英一 : 自動水質計を用いた雨天時を含む河川水質濃度の推定と負荷量算定評価, 土木学会水工学論文集, 54, 2010.
- Niisoe Tamon, Nakamura E., Harada H. K., Ishikawa H., Hitomi T., Watanabe T., Wang Z., Koizumi A. : A global transport model of lead in the atmosphere, Atmospheric Environment, Atmospheric Environment, doi:10.1016/j.atmosenv.2010.01, 44, pp.1806-1814, 2010.
- Hong J., Kim J., Ishikawa H., Ma Y. : Surface layer similarity in the nocturnal boundary layer: the application of Hilbert-Huang transform, Biogeosciences, 7, pp.1271-1278, 2010.
- Oku Yuichiro, Kajino Mizuo, Ishikawa Hirohiko : Estimation of the cloud effective particle radius using MTSAT-1R data, International Journal of Remote Sensing, DOI: 10.1080/01431160903369634, 20, 31, pp.5439-5447, 2010.
- 金洙列, 松見吉晴, 安田誠宏, 間瀬肇 : 日本海沿岸における台風通過後の異常高潮の発生メカニズムに関する一考察, 土木学会論文集 B2(海岸工学), 66, pp.221-225, 2010.
- Niisoe Tamon, Harada Kenji, Ishikawa Hirohiko, Koizumi Akio : A long-term simulation of 1 human exposure to atmospheric perfluorooctanoic acid (PFOA) and perfluorooctanoate (PFO) in the Osaka urban area, Japan, Environmental Science and Technology, DOI: 10.1021/es101948b, 20, 44, pp.7852-7857, 2010.
- 間瀬肇, 紺野晶裕, 森信人, 安田誠宏, Sheng Dong : 洋上ウインドファームサイトにおける波浪と風の解析, 土木学会論文集 B2(海岸工学), 66, pp.386-390, 2010.
- 黒岩正光, KHALED SEIF Ahmed, 松原雄平, 間瀬肇, ZHENG Jinhai : 波と流れの相互干渉を考慮した3次元海浜変形予測モデル, 土木学会論文集 B2(海岸工学), 66, pp.551-555, 2010.
- 森信人, 志村智也, 安田誠宏, 間瀬肇 : 地球温暖化による極大波高の変化予測, 土木学会論文集 B2(海岸工学),

- 66, pp.1231-1235, 2010.
- Kim, S.Y, Yasuda, T, Mase, H : Wave set-up in the storm surge along open coasts during Typhoon Anita, *Coastal Eng.*, 57, pp.631-642, 2010.
- Mori, N., Mase, H., Yasuda, T. : Discussion of "Influence of spectral width on wave height parameter estimates in coastal environments" by Justin P. Vandever, Eric M. Siegel, John M. Brubaker, and Carl T. Friedrichs, *J. Waterway, Port, Coastal, and Ocean Eng.*, 2, 136, pp.123-124, 2010.
- 森信人, 高田理絵, 安田誠宏, 間瀬肇 : 3次元海洋モデルにおける強風時の表層物理過程の取り扱いと高潮推算への影響, *土木学会論文集 B2 (海岸工学)*, 66, pp.306-310, 2010.
- 伊東啓勝, 小野信幸, 熊坂文雄, 西隆一郎, 青木伸一, 間瀬肇 : インレット周辺の流況特性把握調査, *土木学会論文集 B2 (海岸工学)*, 66, pp.371-375, 2010.
- 安田誠宏, 間瀬肇 : 沖合津波情報を用いたリアルタイム津波予測法-逆解析法とニュートラルネットワーク法-, *沿岸域学会誌*, 4, 22, pp.51-61, 2010.
- 作中淳一郎, 間瀬肇, 安田誠宏, 森信人, 金洙列, 馬場康之 : 非定常な風と波によって生じる吹送流・海兵流の予測モデル, *土木学会論文集 B2 (海岸工学)*, 66, pp.321-325, 2010.
- 玉田崇, 間瀬肇, 安田誠宏 : 波の打ち上げを考慮した越波流量算定法の提案, *土木学会論文集 B2 (海岸工学)*, 66, pp.926-930, 2010.
- Kim, S.Y., Matsumi, Y., Mase, H. : Analysis of anomalous storm surge around west coast of the Sea of Japan, *Proc. Storm Surges Congress, Hamburg, Germany*, 2010.
- 木村雄一郎, 柳浩敏, 森西晃嗣, 森信人, 安田誠宏, 間瀬肇 : 重合格子法を用いた流体-構造体連成解析モデルによるフラップゲートの波浪応答解析, *土木学会論文集 B2 (海岸工学)*, 66, pp.811-815, 2010.
- 安田誠宏, 林祐太, 森信人, 間瀬肇 : 地球温暖化による高潮・高波推算に対応可能な確率台風モデル, *土木学会論文集 B2 (海岸工学)*, 66, pp.1241-1245, 2010.
- バトル アブドレイム, 城戸由能, 栗津進吾, 中北英一 : 京都盆地水系における地下水水質の時空間特性解析, *土木学会環境工学論文集*, 49, pp.679-684, 2010.
- Chikamoto, Y., Tanimoto, T., Mukougawa, H., Kimoto, M. : Subtropical Pacific SST variability related to the local Hadley circulation during the premature stage of ENSO, *J. Meteor. Soc. Japan*, 2, 88, pp.183-202, 2010.
- Takemura, K., Mukougawa, H. : Predictability during the onset period of a Euro-Atlantic blocking event during 12-21 December 2007, *SOLA*, doi:10.2151/sola.2010-028, 6, 2010.
- Horiguchi Mitsuaki, Hayashi Taiichi, Hashiguchi Hiroyuki, Ito Yoshiki, Ueda Hiromasa : Observations of Coherent Turbulence Structures in the Near-Neutral Atmospheric Boundary Layer, *Boundary-Layer Meteorology*, doi:10.1007/s10546-010-9500-5, 136, pp.25-44, 2010.
- 丸山敬 : 飛散物に対する外装材の耐衝撃性能の評価方法について, *日本風工学会誌*, 1, 35, pp.33-40, 2010.
- 内田孝紀, 丸山敬, 大屋 裕二 : 連続的な風向変化を考慮した非定常数値風況予測による風車設置地点における設計風速評価手法の提案, *風力エネルギー協会誌*, 94, 35, pp.67-77, 2010.
- Maruyama Takashi, Tomokiyo Eriko, Maeda Junji : Simulation of Strong Wind Field by Non-hydrostatic Mesoscale Model and Its Applicability for Wind Hazard Assessment of Buildings and Houses, *Hydrological Research Letters*, pp.40-44, 2010.
- 玉田崇, 間瀬肇, 安田誠宏 : 波の打ち上げを考慮した越波流量算定法の提案, *土木学会論文集 B2 (海岸工学)*, 1, 66, pp.926-930, 2010.
- 森信人, 高田理絵, 安田誠宏, 間瀬肇 : 3次元海洋モデルにおける強風時の表層物理過程の取り扱いと高潮推算への影響, *土木学会論文集 B2 (海岸工学)*, 1, 66, pp.306-310, 2010.
- 間瀬肇, 紺野晶裕, 森信人, 安田誠宏, Dong Sheng : 洋上ウインドファームサイトにおける波浪と風の解析, *土木学会論文集 B2 (海岸工学)*, 1, 66, pp.386-390, 2010.
- Mori Nobuhito, Mase Hajime, Yasuda Tomohiro : Discussion of "Influence of Spectral Width on Wave Height Parameter Estimates in Coastal Environments" by Justin P. Vandever, Eric M. Siegel, John M. Brubaker, and Carl T. Friedrichs, *Journal of Waterway, Port, Coastal, and Ocean Engineering*, 123, 136, 2010.
- 木村雄一郎, 柳浩敏, 森西晃嗣, 森信人, 安田誠宏, 間瀬肇 : 重合格子法を用いた流体-構造体連成解析モデルによるフラップゲートの波浪応答解析, *土木学会論文集 B2 (海岸工学)*, 1, 66, pp.811-815, 2010.
- 安田誠宏, 林祐太, 森信人, 間瀬肇 : 地球温暖化による高潮, 高波推算に対応可能な確率台風モデル, *土木学会論文集 B2 (海岸工学)*, 1, 66, pp.1241-1245, 2010.
- 金洙列, 松見吉晴, 安田誠宏, 間瀬肇 : 日本海沿岸における台風通過後の異常高潮の発生メカニズムに関する一考察, *土木学会論文集 B2 (海岸工学)*, 1, 66, pp.221-225, 2010.
- Tom Tracey H., 池本藍, 間瀬肇, 安田誠宏, 森信人 : 台風シーズンにおけるリアルタイム波浪予測と精度検証, *土木学会論文集 B2 (海岸工学)*, 1, 66, pp.161-165, 2010.
- 森信人, 志村智也, 安田誠宏, 間瀬肇 : 地球温暖化による極大波高の変化予測, *土木学会論文集 B2 (海岸工学)*, 1, 66, pp.1231-1235, 2010.
- Kim Soo Youl, Yasuda Tomohiro, Mase Hajime : Wave set-up in the storm surge along open coasts during Typhoon Anita, *Coastal Engineering*, doi:10.1016/j.coastaleng.2010., 57, pp.631-642, 2010.
- Zhang Hao, Nakagawa Hajime, Baba Yasuyuki, Kawaike Kenji, Teraguchi Hiroshi : Three-dimensional flow around Bandal-like structures, *Annual Journal of Hydraulic Engineering, JSCE*, 2010.
- 尾崎平, 石垣泰輔, 戸田圭一 : Characteristics of Runoff Pollution and Measures in an Urban Catchment Area, *雨天時負荷流出特性と市街地流域対策に関する研究*, *水工学論文集*, 54, pp.1345-1350, 2010.
- 中畑佳城, 石垣泰輔, 島田広昭, 戸田圭一 : Evacuation Test Using Movable Door Model and Examinee's Opinions on

- Urban Flood, 可搬式ドア模型による浸水時避難体験実験と参加者の水防意識について, 水工学論文集, 54, pp.913-918, 2010.
- Shrestha Badri Bhakta, Nakagawa Hajime, Kawaike Kenji, Baba Yasuyuki, Zhang Hao : Numerical and experimental study on debris flow with driftwood fan deposition, Annual Journal of Hydraulic Engineering, JSCE, 54, pp.139-144, 2010.
- Lee Dongkeun, Nakagawa Hajime, Kawaike Kenji, Baba Yasuyuki, Zhang Hao : Study on flood flow considering water level rise by hydraulic structures, Annual Journal of Hydraulic Engineering, JSCE, 54, pp.187-192, 2010.
- Awal Ripendra, Nakagawa Hajime, Kawaike Kenji, Baba Yasuyuki, Zhang Hao : Experimental study on moraine dam failure due to waves overtopping and erosion, Annual Journal of Hydraulic Engineering, JSCE, 54, pp.193-198, 2010.
- 水谷英朗, 中川一, 川池健司, 馬場康之, 張浩 : Study on local scour and variation of bed composition around spur dyke in a nonuniform sediment bed, 混合砂礫床における水制周辺の局所洗掘および粒度変化に関する研究, 土木学会水工学論文集, 54, pp.805-810, 2010.
- Masaharu Fujita, Seitaro Ohshio, Daizo Tsutsumi : A prediction method for slope failure by means of monitoring of water content in slope-soil layer, Journal of Disaster Research, 3, 5, pp.296-308, 2010.
- Naoya Masaoka, Yosuke Yamakawa, Ken'ichiro Kosugi, Takahisa Mizuyama, Daizo Tsutsumi : Intensive Measurements of Soil Pore Water Pressure for Analyzing Heterogeneous Hydrological Processes on a Hillslope, International Journal of Erosion Control Engineering, 1, 3, pp.53-58, 2010.
- Sharma Raj Haj, Nakagawa Hajime : Numerical model and flume experiments of single- and two-layered hillslope flow related to slope failure, Landslides, 7, pp.425-432, 2010.
- 尾崎平, 森兼政行, 石垣泰輔, 戸田圭一 : 市街地外水氾濫解析への分布型解析モデルの適用性 - 模型実験と数値解析結果との比較 -, 下水道協会誌, 575, 47, pp.93-102, 2010.
- Asai Yoshizumi, Ishigaki Taisuke, Baba Yasuyuki, Toda Keiichi : Safety Analysis of Evacuation Routes Considering Elderly Persons During Underground Flooding, Journal of Hydrosience and Hydraulic Engineering, 2, 28, pp.15-21, 2010.
- Regmi Ram Krishna, Nakagawa Hajime, Kawaike Kenji, Baba Yasuyuki, Zhang Hao : Two and Three Dimensional Slope Stability Analysis of Landslide Dam Failure due to Sliding, Annuals of the Disaster Prevention Research Institute, Kyoto University., B53, pp.617-627, 2010.
- 桑野靖子, 米山望 : 都市水害の被害想定に関する研究, 河川技術論文集, 16, pp.501-506, 2010.
- 東良慶, 関口秀雄, 釜井俊孝 : 埋没破堤地形の統合物理探査による同定とその水害地形環境に関する考察, 水工学論文集, 54, pp.637-642, 2010.
- 東良慶, 関口秀雄, 山口直文 : 砂浜 - 砂丘系における漂砂環境の連関を読み解く試み, 土木学会論文集 B2 (海岸工学), 1, 66, pp.556-560, 2010.
- 加藤幹男, 真鍋由紀, 四反田武志, 安部倉完, 竹門康弘, 長澤哲也, 谷田一三 : Effects of population control on genetic structure of bluegill sunfish *Lepomis macrochirus* in Mizorogaike Pond : an analysis of microsatellite polymorphisms., 深泥池における外来魚駆除事業がブルーギル個体群の遺伝的多様性に及ぼす影響について : マイクロサテライト多型解析に基づく推定, 応用生態工学, 13, pp.77-82, 2010.
- Ock, G., Takemon Y. : Estimation of Transport Distance of Fine Particulate Organic Matter in relation to Channel morphology in Tailwaters of the Lake Biwa and Reservoir Dams., Landscape and Ecological Engineering, DOI: 10.1007/s11355-009-0099-y, 6, pp.161-169, 2010.
- Kobayashi S., Gomi T., Sidle R, Takemon Y. : Disturbances structuring macroinvertebrate communities in steep headwater streams: relative importance of forest clearcutting and debris flow occurrence., Canadian Journal of Fisheries and Aquatic Sciences, doi:10.1139/F09-186, 2, 67, pp.427-444, 2010.
- Riyou Tsujino, Noboru Fujita, Masao Katayama, Daiju Kawase, Kiyoshi Matsui, Akihiro Seo, Tetsuya Shimamura, Yasuhiro Takemon, Nozomi Tsujimura, Takakazu Yumoto, Atushi Ushimaru : Restoration of floating mat bog vegetation after eutrophication damages by improving water quality in a small pond, Limnology, DOI 10.1007/s10201-010-0312-6, 11, pp.289-297, 2010.
- Watanabe, K., Monaghan, M.T., Takemon, Y., Omura, T. : Dispersal ability determines the genetic effects of habitat fragmentation caused by reservoirs in three species of aquatic insect, Aquatic Conservation: Marine and Freshwater Ecosystems, DOI: 10.1002/aqc.1124, 20, pp.574-579, 2010.
- 竹門康弘, 中井健太郎, 角哲也 : 貯水ダムの生態系影響を軽減するための河床地形管理に関する研究, 京都大学防災研究所年報, B53, pp.763-772, 2010.
- 和田健太郎, 小尻利治 : 事例ベース型推論モデルによる洪水予測システムの構成とその適用可能性に関する研究, 水文・水資源学会誌, 3, 23, pp.201-215, 2010.
- 藤井嵩大, 田中賢治, 小尻利治, 相馬一義 : 都市を考慮できるメソ数値気象モデルによる力学的ダウンスケーリング, 水文・水資源学会 2010 年度研究発表会要旨集, pp.82-83, 2010.

著書

- 石川裕彦 : 森は水を呼ぶか? , 森を取り戻すために (林隆久編), 海星社 (滋賀), ISBN978-4-86099-245-3, pp.65-73, 2008.
- 芦田和男, 江頭進治, 中川一 : River morphodynamics for the 21st century, 21 世紀の河川学, 京都大学学術出版会, ISBN978-4-87698-765-8, pp.1-265, 2008.
- 土木学会津波研究小委員会編 : 津波から生き残る - その時までに知ってほしいこと -, 土木学会, 2009.
- 高橋裕他編 : 川の百科事典, 丸善, 2009.

- 小松利光他：Driftwood and Disasters, 流木と災害—発生から処理まで—, 技報堂出版株式会社, ISBN978-4-7655-1759-1, pp.1-273, 2009.
- 高橋裕ほか：Encyclopedia of River, 川の百科事典, 丸善株式会社出版事業部, ISBN978-4-621-08041-2/ISBN, 2009.
- 池淵周一, 辻本哲郎, 谷田一三, 角哲也, 竹門康弘, 一柳英隆：ダムと環境の科学 - ダム下流生態系, - (分担執筆) 第 4, 8 章, 京都大学学術出版会, ISBN 978-4-87698-928-7, pp.1-285, 2009.
- 萩原良己, 萩原清子, 城戸由能, 中北英一：水と緑の計画学, 京都大学学術出版会, pp.175-198, 2010.
- 竹門康弘：河床地形の生態機能とダム影響の軽減対策のあり方, ダム湖・ダム河川の生態系と管理-日本における特性・動態・評価-, ISBN 978-4-8158-0640-8, pp.281-291, 2010.
- 田中賢治, 浜口俊雄：地球の水 SOS 図鑑 -その実態から取り組みまで-, PHP 研究所, ISBN978-4-569-78039-9, 2010.
- 矢原徹一, 竹門康弘：「生態系」に着目した目標設定, 自然再生ハンドブック, 地人書館, ISBN978-4-8052-0827-4, pp.27-29, 2010.
- 竹門康弘：深泥池の自然再生の現状と課題, 自然再生ハンドブック, 地人書館, pp.225-236, 2010.
- 竹門康弘：柿田川における底生動物群集の構造と特徴, 柿田川の自然 - 湧水河川を科学する -, ISBN 978-4-903859-35-4, pp.48-81, 2010.