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Falk, J., Gleick, P.H., Asayama, S., Attig-Bahar, F., Behera, S., von Braun, J., Colwell, R.R., Chapagain, A.K., El-Beltagy, A.S., Kennel, C.F., Kimoto, M., Koike, T., Konde, A.A., Koundouri, P., Abd-Elmabod, S.K.M., Lal, R., Lee, Y.T., Murray, C.A.,Nangia, V., Sapkota, A., Saijo, T., Serageldin, I., Soussana, J.F., Takara, K., **Takeuchi, K.**, Tran, T., Victor, D., Watanabe, C., Wheeler, K., Yasunari, T.: Critical hydrologic impacts from climate change: addressing an urgent global need. *Sustainability Science* 19, 241–244, 2024.

Falk, J., Colw Sahle, M., Lahoti, S. A., Lee, S.-Y., Kamiyama, C., Tan, X., Kozar, R., Saito, O., & **Takeuchi, K.**: Mapping the evolving research landscape of sustainability science from 2006 to 2023: Unveiling its transformation. *Sustainability Science*, 19(5), 1735–1750, 2024. https://doi.org/10.1007/s11625-024-01529-y

Sahle, M., Lahoti, S. A., Lee, S.-Y., Brundiers, K., van Riper, C. J., Pohl, C., Chien, H., Bohnet, I. C., Aguilar-Rivera, N., Edwards, P., Pradhan, P., Plieninger, T., Boonstra, W. J., Flor, A. G., Di Fabio, A., Scheidel, A., Gordon, C., Abson, D. J., Andersson, E., Demaria, F., Kenter, J. O., Brooks, J., Kauffman, J., Hamann, M., Graziano, M., Nagabhatla, N., Mimura, N., Fagerholm, N., O'Farrell, P., Saito, O., & **Takeuchi, K.**: Revisiting the sustainability science research agenda. *Sustainability Science*. Advance online publication, 2024. https://doi.org/10.1007/s11625-024-01586-3

Kumar, P., Yagasaki, T., Meraj, G., Chakraborty, S., Dasgupta, R., Chatterjee, A., ... & **Takeuchi, K.**: 11 Quantification of ecosystem benefits of community plantation and its impacts on human well-being. In *Urban Water Ecosystems in Africa and Asia: Challenges and Opportunities for Conservation and Restoration* (p. 183), 2024.

Saito, O., Okubo, S., Harashina, K., Abdoellah, O. S., Lahoti, S. A., & **Takeuchi, K.**: Pampang Parikesit: Front runner of sustainability science in Indonesia. *Sustainability Science*, 19, 681–682, 2024. https://doi.org/10.1007/s11625-024-01500-x

Falk, J., Colwell, R.R., Behera, S.K., El-Beltagy, A.S., Gleick, P.H., Kennel, C.F., Lee, YT., Murray, C.A., Serageldin, I., **Takeuchi, K.**, Yasunari, T., Watanabe, C., Kauffman, J., Soderland, K., Elouafi, I., Paroda, R., Chapagain, A.K., Rundle, J., Hanasaki, N., Hayashi, H., Akinsete, E., Hayashida, S. An urgent need for COP27: confronting converging crises. *Sustainability Science* 18, 1059–1063, 2023.

Yoshida, Y., Matsuda, H., Fukushi, K., **Takeuchi, K.**, Watanabe, R.: The missing intangibles: nature's contribution to human well-being through place attachment and social capital. *Sustainability Science* 17, 809-822, 2022.

Falk, J., Attig-Bahar, F., Colwell, R.R., Bahera, S.K., El-Baltagy, A.S., von Braun, J., Dasgupta, P., Gleick, P.H., Kaneko, R., Kennel, C.F., Koundouri, P., Lee, Y.T., Lovejoy, T.E., Luers, A., Murray, C.A., Lal, R., Serageldin, I. Sokona, Y., **Takeuchi, K.**, Taniguchi, M., Watanabe, C., Yasunari, T.: Addressing our planetary crisis – Consensus statement from the Presenters and International Advisory Committee of the Regional Action on Climate Change (RACC) symposium held in conjunction with the Kyoto-based Science and Technology in Society (STS) Forum, 1 October 2021. *Sustainability Science* 17, 5-7, 2022.

武内和彦：統合的アプローチによる SDG s のローカル化．公園緑地，82(3)，1，2021.

武内和彦：脱炭素・自然共生によるランドスケープの創造．ランドスケープ研究，85(2)，92-95，2021.

Warszawski, L., Kreiger, E., Lenton, TM., Gaffney, O., Jacob, D., Klingenfeld, D., Koide, R., Costa, MM., Messner, D., Nakicenovic, N., Schellnhuber, HJ., Schlossner, P., **Takeuchi, K.**, van der Leeuw, S., Whiteman, G., Rockstrom, J.: All options, not silver bullets, needed to limit global warming to 1.5℃: a scenario appraisal. *Environmental Research Letters*, 16, 1-14, 2021.

Jarzebski, M.P., Elmqvist, T., Gasparatos, A., Fukushi, K., Eckersten, S., Haase, D., Goodness, J., Khoshkar, S., Saito, O., **Takeuchi, K.**, Theorell, T., Dong, N., Kasuga, F., Watanabe, R., Sioen, G.B., Yokohari, M., Pu, J.: Aging and population shrinking: Implications for sustainability in urban century. *Nature Urban Sustainability*, 1:17, 2021.

Miyasaka, T., Miyamori, E., Okuro, T., Zhao, X., **Takeuchi, K.**: Comparison of nurse effect zones of shrubs versus trees for dryland rehabilitation in Northeast China. *Restoration Ecology*, 29: e13368, 2021.

Falk, J., Colwell, R., El-Beltagy, A., Gleick, P., Kennel, C., Lee, Y.T., Luers, A., Murray, C., Serageldin, I., **Takeuchi, K.**, Watanabe, C., Yasunari, T. Beyond 2020: converging crises demand integrated responses. *Sustainability Science*,16, 691–693, 2021.

Ortiz-Moya, F., Kataoka, Y., Saito, O., Mitra, B.K., **Takeuchi, K.**: Sustainable transitions towards a resilient and decentralized future: Japan's Circulating and Ecological Sphere (CES). *Sustainability Science*, 16, 1717-1729, 2021.

Baffoe, G., Zhou, X., Moinuddin, M., Somanje, A.N., Kuriyama, A., Mohan, G., Saito, O., **Takeuchi, K.**: Urban-rural linkages: effective solutions for achieving sustainable development in Ghana from an SDG interlinkage perspective. *Sustainability Science*, 16, 1341-1362, 2021.

Hori, K., Saito, O., Hashimoto, S., Matsui, T., Akter, R. and **Takeuchi, K.**: Population distribution projections under depopulation conditions in Japan, for scenarios analysis of future socio-ecological systems. *Sustainability Science*, 16, 295-311,

武内和彦：コロナ時代の自然と人間との共生. KOSMOS 2021/WINTER, 8-13.

Avtar, R., Yunus, A.P., Saito, O., Kharrazi, A., Kumar, P., **Takeuchi, K.**: Multi-temporal remote sensing data to monitor terrestrial ecosystem responses to climate variations in Ghana, *Geocarto International*, 35, 2020. https://doi.org/10.1080/10106049.2020.1723716

Somanje, AN., Mohan, G., Lopes. J., Mensah, A., Gordon, C., Zhou, X., Moinuddin Saito, O. and **Takeuchi, K.**: Challenges and potential solutions for sustainable urban-rural linkages in a Ghanian context. *Sustainability*, 12(2): 1-19, 2020.

武内和彦：地球規模課題のローカルな統合的解決を目指す「地域循環共生圏」. 月刊資本市場, 406: 20-27, 2019.

Elmqvist, T., Andersson, E., Frantzeskari, N., McPhearson., Olsson, P., Gaffney, O., **Takeuchi, K.**, Folke, C.: Sustainability and resilience for transformation in the urban century. *Nature Sustainability*, 2, 267–273, 2019.

Kabaya, K., Hashimoto, S., Fukuyo, N., Uetake, T. **Takeuchi, K.** : Investing future ecosystem services through participatory scenario building and spatial ecological-economic modelling. *Sustainability Science*, 14, 77-88, 2019.

Hashimoto, S., DasGupta, R., Kabaya, K., Matsui, T., Haga, C., Saito, O., **Takeuchi, K.**: Scenario analysis of land-use and ecosystem services of social-ecological landscapes: implications of alternative development pathways under declining population in the Noto Peninsula, Japan. *Sustainability Science*, 14, 5-21, 2019.

Saito, O., Kamiyama, C., Hashimoto, S., Matsui, T., Shoyama, K., Kabaya, K., Uetake, T., Taki, H., Ishikawa, Y., Matsushita, K. Yamane, F., Hori, J., Ariga, T., **Takeuchi, K.**: Co-design of national-scale future scenarios in Japan to predict and assess natural capital and ecosystem services. *Sustainability Science*, 4, 5-21, 2019.

武内和彦:水資源分野で求められる超学際的研究. 水文・水資源学会誌, 31(3): 149-151, 2018.

Yoshida, Y., Matsuda, H., Fukushi, K., Ikeda, S., Managi, S., **Takeuchi, K.**: Assessing local-scale inclusive wealth: A case study of Sado Island, Japan. *Sustainability Science*, 13, 1399–1414, 2018

Saito, O., Managi, S., Kanie, N., Kauffman, J., **Takeuchi, K.**: Sustainability science and implementing the sustainable development goals. *Sustainability Science*, 14, 1-4, 2017.

Takeuchi, K., Saito, O., Lahoti, S., Gondor, D.: Growing up: 10 years of publishing sustainability science research. *Sustainability Science*, 12, 849-854, 2017.

Kajikawa, Y., Saito, O., **Takeuchi, K.**: Academic landscape of 10 years of sustainability science. *Sustainability Science*, 12, 869-873, 2017.

Jasaw, G.S., Saito, O., Gasparatos, A., Shoyama, K., Boafo, Y.A., **Takeuchi, K.**:Ecosystem services trade-offs from high fuelwood use for traditional sheabutter processing in semi-arid Ghana, *Ecosystem Services*, 27:127-138,2017.

Gasparatos, A., **Takeuchi, K.**, Elmqvist, T., Fukushi, K., Nagao, M., Swanepoel, F., Swilling, M., Trotter, D., von Blottniz, H.: Sustainability science for meeting Africa's challenges: setting the stage. *Sustainability Science*, 12: 635-640, 2017.

Antwi, EK., Owusu-Banahene, W., Boakye-Danquah, J., Mensah, R., Tetteh, JD., Nagao, M., **Takeuchi, K.**: Sustainability assessment of mine-affected communities in Ghana: towards ecosystems and livelihood restoration. *Sustainability Science*, 12, 747-767, 2017.

Miyasaka, T., Quang Bao Le Q.B., Okuro, T., Zhao, X., **Takeuchi, K.**: Agent-based modeling of complex social–ecological feedback loops to assess multi-dimensional trade-offs in dryland ecosystem services. *Landscape Ecology*, 32, 707-727, 2017.

Kakinuma, K., Terui, A., Sasaki, T., Koyama, A., Jamsran, U., Okuro, T. and **Takeuchi, K.**: Detection of vegetation trends in highly variable environments after grazing exclusion in Mongolia. *Journal of Vegetation Science*, 28: 965-974, 2017.

Yanagawa, A., Sasaki, T., Jamsran, U., Okuro, T., **Takeuchi, K.**: Factors limiting vegetation recovery processes after cessation of cropping in a semiarid grassland in Mongolia. *Journal of Arid Environments*, 131, 1-5, 2016.

Boafo, Y.A., Saito, O., Jasaw, G.S., Otsuki, K., **Takeuchi, K.**: Provisioning ecosystem services-sharing as a coping and adaptation strategy among rural communities in Ghana's semi-arid ecosystem. *Ecosystem Services*, 19, pp. 92-102, 2016.

Takeuchi, K., Ichikawa, K. and Elmqvist, T.: Satoyama landscape as social-ecological system: historical changes and future perspective. *Current Opinion in Environmental Sustainability*, 19:30-39, 2016.

Yiu, E., Nagata, A., **Takeuchi, K.** Comparative study on conservation of agricultural heritage systems in China, Japan and Korea. *J. Resour. Ecol*., 7(3): 170-179, 2016.

Boafo, YA., Saito, O., Kato, S., Kamiyama, C., **Takeuchi, K.** and Nakahara, M.: The role of traditional ecological knowledge in ecosystem services management: the case for four rural communities in Northern Ghana. *International Journal of Biodiversity Science, Ecosystem Services & Management*: DOI: 10.1080/ 21513732.2015.1124454, 2015.

Yanagawa, A., Fujimaki, H., Okuro, T., Jamsran, U. and **Takeuchi, K.**: Comparison of drought tolerances in a root water uptake model for two co-occurring grass species in Mongolia. *Japanese Society of Soil Physics*,130: 3-10, 2015.

Zhou, D., Aoyagi, M., Matsuda, H., Hara, Y., Okuro, T. and **Takeuchi, K.**: The resilience of traditional rice-dominated agricultural communities to precipitation variability in the North China Plain. *Climate Research*, 62: 149-161, 2015.

Jasaw, GS., Saito, O. and **Takeuchi, K.**: Shea (Vitellaria paradoxa) butter production and resource use by urban and rural processors in Northern Ghana. *Sustainability*, 7: 3592-3614, 2015.

Bloesh, J., von Hauff, M., Mainzer, K., Mohan, SV., Renn, O., Risse, V., Somg, Y., **Takeuchi, K.** and Wilderer, P.: Sustainable development, Integrated in the concept of resilience. *Problems of Sustainable Development,* 10: 7-14, 2015

Boafo, Y.A., Saito, O., Jasaw, G.S., Otsuki, K., **Takeuchi, K.**: Provisioning ecosystem services-sharing as a coping and adaptation strategy among rural communities in Ghana's semi-arid ecosystem. *Ecosystem Services*, 19: 92-102, 2016.

Dı´az1, S., Demissew, S., Carabias, J., Joly, C., Lonsdale, M., Ash, N., Larigauderie, A., Adhikari, JR., Arico,S., Ba´ ldi, A., Bartuska, A., Baste, I.A, Bilgin, A., Brondizio, E. Chan, KMA., Figueroa, VE., Duraiappah, A., Fischer, M., Hill,R., Koetz, T., Leadley, P., Lyver, P, Mace, GM., Martin-Lopez, B., Okumura, M., Pacheco, D., Pascual, U., Pe´ rez ES., Reyers, B., Roth, E., Saito, O., Scholes, RJ., Sharma, N., Tallis, H., Thaman, R., Watson, R., Yahara, T., Hamid, Z.A., Akosim, C., Al-Hafedh, Y., Allahverdiyev,R., Amankwah, E., Asah,TS., Asfaw, Z., Bartus, G., Brooks, AL., Caillaux,J., Dalle, G., Darnaedi, D., Driver, A., Erpul, G., Escobar-Eyzaguirre, P., Failler, P., Fouda, AMF., Fu, B., Gundimeda, H., Hashimoto, S., Homer, F., Lavorel, S., Lichtenstein, G., Mala, WA., Mandivenyi, W., Matczak, P., Mbizvo, C., Mehrdadi, Metzger, MJP., Mikissa, JB., Moller, H., Mooney, HA., Mumby, P., Nagendra, H., Nesshover, C., Oteng-Yeboah, AA, Pataki, G., Roue´, M., Rubis, J., Schultz, M., Smith, P., Sumaila, R., **Takeuchi, K.**, Thomas, S., Verma, M., Yeo-Chang, Y. and Zlatanova, D.: The IPBES conceptual framework – connecting nature and people. *Current Opinion in Environmental Sustainability*, 14:1-16, 2015

Arnim,W., Harlow, J., Melnick, J., vam der Leeuw, S., Fukushi, K., **Takeuchi, K.** , Farioli, F., Yamba, F., Balke, A., Geiger, C., Kutter, R. : Sustainability science in action: a review of the state of the field through case studies on disaster recovery, bioenergy, and precautionary purchasing. *Sustainability Science*, 10: 17-31, 2015

Nakamura, S., Tsuge, T., Okubo, S., **Takeuchi, K.**, Usio, N.: Exploring factors affecting farmers' implementation of wildlife-friendly farming on Sado Island, Japan. *Journal of Resources and Ecology*, 5(4): 370-380, 2014.

Takeuchi, K., Elmqvist, T., Hatakeyama, M., Kauffman, J., Turner, N., Zhou, D.: Using sustainability science to analyse social–ecological restoration in NE Japan after the great earthquake and tsunami of

2011. Sustainability Science, 9: 513-526, 2014.

Effah K Antwi, EK., Boakye-Danquah, J., Stephen B Asabere, SB., **Takeuchi, K.**, Wiegleb, G.: Land cover transformation in two post-mining landscapes subjected to different ages of reclamation since dumping of spoils. SpringerPlus 3:702, 2014.

Avornyo, VK., Ito, O., Kranjac-Berisavljevic, G., Saito, O., **Takeuchi, K.**: Cropping Systems in Some Drought-Prone Communities of the Northern Region of Ghana: Factors Affecting the Introduction of Rice. *Journal of Disaster Research*, 9: 475-483, 2014.

Boakye-Danquah, J., Antwi, EK., Saito, O., Abekoe, MK. and **Takeuchi, K.**: Impact of Farm Management Practices and Agricultural Land Use on Soil Organic Carbon Storage Potential in the Savannah Ecological Zone of Northern Ghana. *Journal of Disaster Research*, 9: 484-500, 2014.

Boafo, YA., Saito, O. and **Takeuchi, K.**: Provisioning Ecosystem Services in Rural Savanna Landscapes of Northern Ghana: An Assessment of Supply, Utilization, and Drivers of Change. *Journal of Disaster Research*, 9: 501-515, 2014.

Antwi1, E.K., Otsuki1, K., Saito, O., Obeng, F.K., Gyekye, K.A., Boakye-Danquah1, J., Boafo1, Y.A., Kusakari, Y., Yiran, G.A.B., Owusu, A.B., Kwabena O., Asubonteng, Dzivenu, T., Avornyo, V.K., Abagale, F.K., Jasaw, G.S., Lolig, V., Ganiyu, S., Donkoh, S.A., Yeboah, R., Kranjac-Berisavljevic, G., Gyasi, E.A., Minia, Z., Ayuk, E.T., Matsuda, H., Ishikawa, H., Ito, O. and **Takeuchi, K.**: Developing a Community-Based Resilience Assessment Model with reference to Northern Ghana. *Journal of Integrated Disaster Risk Management*, 4(1):73-92, 2014

齊藤修・橋本禅・**武内和彦**：生物多様性及び生態系サービスに関する政府間プラットフォーム（IPBES）の設立経緯と最新動向. 環境研究，174: 97-103, 2014.

Muhamad, D., Okubo, S., Harashina, K., Parikesit., Gunawan, B., **Takeuchi, K.**: Living close to forests enhances people's perception of ecosystem services in forest-agricultural landscape of West Java, Indonesia. *Ecosystem Services,* 8:197-206, 2014.

Tsuchiya, K., Aoyagi-Usami, M., Okuro, T. and **Takeuchi, K.**: The potential of, and threat to, the transfer of ecological knowledge in urban areas: the case of community-based woodland management in Tokyo, Japan. *Ecology and Society*, 19(2):25, 2014.

只見康信・西麻衣子・**武内和彦**：人間と自然システムの調和する持続型社会に向けて．環境技術, 43(1): 35-40, 2014.

Avtar, R., Herath, S., Saito, O., Mishra, B., Gera, W. and **Takeuchi, K.**: Application of remote sensing techniques toward the role of traditional water bodies with respect to vegetation conditions. *Environment, Development and Sustainability*, DOI 10.1007/s 10668-013-9507-4, 2013.

Duraiappah, AK., Asah, ST., Brondizio, ES., Kosoy, N., O'Farrell, PJ., Prieur-Richard A-H., Subramanian, SM. and **Takeuchi, K.**: Managing the mismatches to provide ecosystem services for human well-being: A conceptual framework for understanding the new commons. *Current Opinion in Environmental Sustainability*, 7: 94-100, 2014.

Muhamad, D., Okubo, S., Miyashita, T., Parikesit. and **Takeuchi, K.**: Effect of habitat type, vegetation structure, and proximity to forests on bird species richness in a forest-agricultural landscape of West Java, Indonesia. *Agroforestry Systems*, 87(6):1247-1260, 2013.

Kakinuma, K., Okayasu, T., Sasaki, T., Jamsran, U., Okuro, T. and **Takeuchi, K.** : Rangeland management in highly variable environments: Resource variations across the landscape mediate the impact of grazing on vegetation in Mongolia. *Grassland Science*, 59 (1): 44-51, 2013.

Sasaki, T., Okuro, T., Kakinuma, K., Okayasu, T., Undarmaa, J. and **Takeuchi, K.** : Vegetation in a post-ecological threshold state may not recover after shore-term livestock exclusion in Mongolian rangelands. *Arid Land Research and Management*, 27(1): 101-110, 2013.

Tsuchiya, K., Okuro, T. and **Takeuchi, K.**: The combined effects of conservation policy and co-management alter the understory vegetation of urban woodlands: a case study in the Tama Hills area, Japan. *Urban and Landscape Planning*, 110: 87-98, 2013.

武内和彦・竹本和彦・只見康信・西麻衣子：SATOYAMA イニシアティブからみたニュー・コモンズ論．環境研究, 168: 5-12, 2012.

Koyanagi, T., Kusumoto, Y., Yamamoto, S. and **Takeuchi, K.**: Potential roles of small and linear habitat fragments in satoyama landscapes for conservation of grassland plant species. *Urban Ecosystems*, 15(4): 893-909, 2012.

Han, J., Fontanos, P., Fukushi, K., Herath, S., Heeren, N., Naso, V., Cecchi, C., Edwards, P. and

Takeuchi, K. : Innovation for sustainability: toward a sustainable urban future in industrialized cities. *Sustainability Science*, 7: 91-100, 2012.

Sasaki,T. , Okuro,T. , Undarmaa, J. and **Takeuchi, K.** : Changes in the herbage nutritive value and yield associated with threshold responses of vegetation to grazing in Mongolian rangelands. *Grass and Forage Science*,. 67: 446-455, 2012.

Okayasu, T., Okuro, T., Undarmaa, J. and **Takeuchi, K.** Degraded rangeland dominated by unpalatable forbs exhibits large-scale spatial heterogeneity. *Plant Ecology*, 213: 625-635, 2012.

Okubo, S., Tomatsu, A., Parikesit, Muhamad, D., Harashina, K., **Takeuchi, K.** : Leaf functional traits and functional diversity of multistoried agroforests in West Java, Indonesia. Agriculture, *Ecosystems and Environment*, 149: 91-99, 2012.

Okayasu T, Okuro T, Undarmaa J, **Takeuchi K.** Inherent density-dependency of wet-season range even at the extreme of nonequilibrium environments. *Journal of Arid Environments*, 78: 144-153, 2012.

Jiao, Y., Li, X., Liang, L., **Takeuchi, K.**, Okuro, T., Zhang, D. and Sun, L.: Indigenous ecological knowledge and natural resource management in the cultural landscape of China's Hani Terraces. *Ecological Research*, 27: 247-263, 2012.

Koyanagi, T., Kusumoto, Y., Yamamoto, S., Okubo, S., Iwasaki, N. and **Takeuchi, K.**: Grassland plant functional groups exhibit distinct time-lags in response to historical landscape change. *Plant Ecology*, 213: 327-338, 2012.

Okayasu, T., Okuro T., Undarmaa, J. and **Takeuchi, K.**: Degraded rangeland dominated by unpalatable forbs exhibits large-scale spatial heterogeneity. *Plant Ecology*, 213: 625-635, 2012.

Takeuchi, K.: Rebuilding from the Great Eastern Japan Earthquake: a message from the Editor-in-Chief. *Sustainability Science*, 6:117-118, 2011.

Obijiofor, A. & **Takeuchi, K.**: Sustainability challenges and opportunities in Africa *Sustainability Science*, 6:3-5, 2011.

Gasparatos, A., Stromberg, P. and **Takeuchi, K.**: Biofuels, ecosystem services and human wellbeing: Putting biofuels in the ecosystem services narrative. *Agriculture, Ecosystems and Environment* 142,

111-128, 2011.

Okayasu,T., Okuro, T., Undarmaa, J. and **Takeuchi, K.** : Threshold distinctions between equilibrium and non-equilibrium pastoral systems along a continuous climatic gradient. *Rangeland Ecology & Management*, 64:10-17, 2011.

Yoshikawa, M., Motoki, Y., Hibino, G., **Takeuchi, K.**, Hanaki, K., Arai, S., Masui, T. and Inoue, T.: Global-scale quantitative assessment for biodiversity on forest land use: applying the Global No Net Loss approach. *Sustainability Science*, 6:169-175 2011.

Zhou, D., Tsuchiya, K., Hara, Y., Matsuda, H., Okayasu, T. and **Takeuchi, K.**: Agricultural land dynamics in peri-urban areas: a case study of Xiqing district, Tianjin, China. *Journal of Environmental Information Science*, 39(5): 61-70, 2011.

小柳知代、楠本良延、山本勝利、大久保悟、北川淑子、**武内和彦**： 管理放棄後樹林化したススキ型草地における埋土種子による草原生植物の回復可能性, 保全生態学研究, 16(1): 85-97, 2011.

Miyasaka, T., Okuro, T., Zhao, H., Zhao, X., Zuo, X. and **Takeuchi, K.**: Impacts of the local land-use system in a semi-arid region of northeastern China on soil prosperities, crop growth, and weed communities. *Journal of Arid Environments*, 75: 1155-1163, 2011.

Sasaki, T., Okubo, S., Okayasu, T., Jamsran, U., Okuro, T. and **Takeuchi, K.**: Indicator species and functional groups as predictors of proximity to ecological thresholds in Mongolian rangelands. *Plant Ecology*, 212: 327-342, 2010.

Okubo, S., Parikesit, Muhamad, D., Harashina, K., **Takeuchi, K.** and Umezaki, M.: Land use/cover classification of a complex agricultural landscape using single-dated very high spatial resolution satellite-sensed imagery. *Canadian Journal of Remote Sensing*, 36(6): 722-736, 2010.

Yoshihara, Y., Sasaki, T., Okuro, T., Jamsran, U. and **Takeuchi, K.**: Cross-spatial-scale patterns in the facilitative effect of shrubs. Ecological Engineering, 36: 1719-1724 2010.

Okubo, S., Parikesit, Harashina, K., Muhamad, D., Abdoellah, O. S., and **Takeuchi, K.**: Traditional perennial crop-based agroforestry in West Java: The tradeoff between on-farm biodiversity and income. *Agroforestry Systems*, 80(1): 17-31,2010.

Takeuchi, K.: Rebuilding the relationship between people and nature: The Satoyama Initiative. *Ecological Research*, 25: 891-897, 2010.

Takeuchi, K. and Herath, S.: Sustainability: Engaging in global change through harmonious adaptation in Asia. *Nova Acta Leopoldina*, NF112, Nr. 384: 213-226 2010.

Okayasu, T., Okuro, T., Jamsran, U. and **Takeuchi, K.**: An intrinsic mechanism for the co-existence of different survival strategies within mobile pastoralist communities. *Agricultural Systems*, 103: 180-186, 2010.

Okayasu, T., Okuro, T., Jamsran, U. and **Takeuchi. K.**: Impact of the spatial and temporal arrangement of pastoral use on land degradation around animal concentration point. *Land Degradation & Development*, 21: 1-16, 2010.

原祐二・ゴンダレカー・ダフネ・**武内和彦**： 中国天津市環城 4 区における土地利用変化とその要因. 日本造園学会誌　ランドスケープ研究, 73: 747-750 2010.

Yoshihara,Y.,Okuro,T.,Buuveibaatar,B., Undarmaa,J. and **Takeuchi, K.**: Complementary effects of disturbance by livestock and marmots on the spatial heterogeneity of vegetation and soil in a Mongolian steppe ecosystem. *Agriculture,Ecosystems & Environment*, 135:155-159 , 2010.

Yoshihara,Y., Okuro,T., Buuveibaatar,B., Undarmaa,J. and **Takeuchi, K.** : Pollinators are attracted to mounds created by burrowing animals (marmots) in a Mongolian grassland. *Journal of Arid Environments*, 74:159-163, 2010.

Yoshihara,Y., Okuro,T., Buuveibaatar,B., Undarmaa,J. and **Takeuchi, K.** : Spatial pattern of grazing affects influence of herbivores on spatial heterogeneity of plants and soils. *Oecologia*, 162: 427-434, 2010.

Yoshihara,Y., Okuro,T., Buuveibaatar,B., Undarmaa,J. and **Takeuchi, K.** : Clustered animal burrows yield higher spatial heterogeneity. *Plant Ecology*, 206: 211-244 2010.

星野亜季・藤巻晴行・大黒俊哉・**武内和彦**：土壌水分センサーの動作不良発生状況およびロガー依存出力値について.　土壌の物理性, 114: 23-25 , 2010.

Yoshihara,Y., Okuro,T., Buuveibaatar,B., Undarmaa,J. and **Takeuchi, K.** : Responses of vegetation to

soil disturbance by Sibelian marmots within a landscape and between landscape positions in Hustai National Park,Mongolia. *Grassland Science*, 56:42-50

Okayasu,T., Okuro,T., Undarmaa,J. and **Takeuchi, K.** : Desertification emerges through cross-scale interaction. *Global Environmental Research*, 14:71-77 , 2010.

Sasaki, T., Okubo, S., Okayasu, T., Jamsran, U., Okuro, T. and **Takeuchi, K.**: Two-phase functional redundancy in plant communities along a grazing gradient in Mongolian rangelands. *Ecology,* 90: 2598-2608, 2009.

Kumar, B.M. and **Takeuchi, K.**: Agroforestry in the Western Ghats of peninsular India and the satoyama landscapes of Japan: a comparison of two sustainable land use systems. *Sustainability Science*, 4: 215-232, 2009.

Hosino, A., Fujimaki, H., Jamsran, U. and **Takeuchi, K.**: Comparing drought and salinity tolerances of two dominant grass species in Mongolia. *Proceedings of Soil Moisture Workshop*, June 2009: 41-45, 2009.

Sasaki, T., Okubo, S., Jamsran, U., Okuro, T. and **Takeuchi, K.**: Management applicability of the intermediate disturbance hypothesis across Mongolian rangeland ecosystems. *Ecological Applications*, 19: 423-432, 2009.

Yoshihara, Y., Okuro, T., Sasaki, T. and **Takeuchi, K.**: Are small rodents key promoters of ecosystem restoration in harsh environments? A case study of abandoned croplands on Mongolian grasslands. *Journal of Arid Environments*, 73: 364-368, 2009.

Yoshihara, Y. Okuro, T. Buuveibaatar B. and **Takeuchi, K.**: Effects of disturbance by Siberian marmots (Marmota sibirica) on spatial heterogeneity of vegetation at multiple spatial scales. *Grassland Science*, 56(2): 29-38, 2009.

Koyanagi, T., Kusumoto, Y., Yamamoto, S., Okubo, S. and **Takeuchi, K**.: Historical impacts on linear habitats: The present distribution of grassland species in forest-edge vegetation. *Biological Conservation*, 142: 1674-1684, 2009.

Sasaki, T. Okayasu, T., Okuro, T., Shirato, Y., Jamsran U. and **Takeuchi, K.**: Rainfall variability may modify the effects of long-term exclosure on vegetation in Mandalgobi, Mongolia. *Journal of Arid*

Environments, 73: 949-954, 2009.

Hoshino, A., Yoshihara, Y., Sasaki, T., Okayasu, T., Jamsran, U., Okuro, T. and **Takeuchi, K.**: Comparison of vegetation changes along grazing gradients with different numbers of livestock. *Journal of Arid Environments*, 73: 687-690, 2009.

Hoshino, A., Yoshihara, Y., Okuro, T., Jamsran, U. and **Takeuchi, K.**: Effects of vegetation gap on subsequent species richness and cover on abandoned cropland in semi-arid grasslands of Mongolia. *Sand Dune Research*, 56(2): 29-38, 2009.

小柳知代・楠本良延・山本勝利・**武内和彦**: 年二回の草刈によって成立する道路沿い林縁部刈取草地における草原生植物の生育状況, ランドスケープ研究, 72: 507-510, 2009.

星越明日香・原祐二・岡安智生・鹿野陽子・武内和彦: バンコク郊外住宅地域における分譲住宅団地内緑地の整備実態, ランドスケープ研究, 72: 687-692, 2009.

土屋一彬・**武内和彦**: 金沢都市農村圏における水路網保全施策展開後の管理体制の課題. 農村計画学会誌, 27: 245-250, 2009.

Sasaki, T., Okayasu, T., Jamsran, U. and **Takeuchi, K.**: Threshold changes in vegetation along a grazing gradient in Mongolian rangelands. *Journal of Ecology*, 96: 145-154, 2008.

Hara, Y., Thaitakoo, D. and **Takeuchi, K.**: Landform transformation on the urban fringe of Bangkok: the need to review land-use planning processes with consideration of the flow of fill materials to developing areas., *Landscape and Urban Planning*, 84 : 74-91, 2008.

Sasaki, T., Okayasu, T. Shirato, Y. Jamsran, U., Okubo, S. and **Takeuchi, K.**: Can edaphic factors demonstrate landscape-scale differences in vegetation responses to grazing? *Plant Ecology*, 194: 51-66, 2008.

Ichikawa, K., Okayasu, T. and **Takeuchi, K.**: Characteristics in the distribution of the woodland vegetation in the southern Kanto region since the early 20th century. *Journal of Environmental Information Science*, 36(5): 103-108, 2008.

Okayasu, T., Nakamura, H. and **Takeuchi, K.**: Possible countermeasures to counter desertification and drought in a desert-steppe region of Mongolia. *Journal of Environmental Information Science*, 36(5):

141-150, 2008.

Hara, Y., **Takeuchi, K.**, Palijon A.M. and Murakami, A.: Landfill development in the urban fringe of Metro Manila. *GeoJournal*, 71: 127-141, 2008.

小柳知代・楠本良延・山本勝利・**武内和彦**: 立地条件の異なるススキ型二次草地における埋土種子相と地上植生の比較. ランドスケープ研究, 71: 589-592, 2008.

横田樹広・武内和彦: オブジェクト指向分析を用いた台地・丘陵地における都市ランドスケープの入れ子構造の把握. 環境情報科学論文集, 22: 529-534, 2008.

Yamada, S., Okubo, S., Kitagawa, Y. and **Takeuchi, K.**: Restoration of weed communities in abandoned rice paddy fields in the Tama Hills, central Japan. *Agriculture Ecosystems & Environment*, 119: 88-102, 2007.

Sasaki, T., Okayasu, T., Shirato, Y., Jamsran U. and **Takeuchi, K.**: Quantifying the resilience of plant communities under different grazing intensities in a degraded shurubland: A case study in Mandalgobi, Mongolia. *Grassland Science*, 53: 192-195, 2007.

Okayasu, T., Undarmaa, J. and **Takeuchi, K.**: Monitoring land degradation in mountainous Mongolia by spectral unmixing of satellite imagery. *Journal of Environmental Information Science*, 35(5): 57-64, 2007.

Okayasu, T., Muto, M., Undarmaa, J. and **Takeuchi, K.**: Spatially heterogeneous impacts on rangeland after social system change in Mongolia., *Land Degradation and Development*, 18: 555-556, 2007.

Gondhalekar, D., Hara, Y. and **Takeuchi, K.**: Urban land expansion and cultivated land loss in the Beijing Tianjin region, China., *Proceedings, International Symposium on City Planning*, 2007: 98-107, 2007.

Hara, Y., Ogasawara, T. Palijon, A.M. and **Takeuchi, K.**: Quantitative and qualitative characteristics of greenery in suburban residential districts of Metro Manila. *Proceedings, International Symposium on City Planning*, 2007: 418-427, 2007.

市川　薫・原　祐二・ブライアン　P．ヘンリー・アンドルー　J．ストアー・**武内和彦**: 東京 23 区における街路樹ハナミズキの植栽環境と生育状況. ランドスケープ研究, 70: 527-

532, 2007.

小柳知代・楠本良延・山本勝利・大黒俊哉・井手　任・**武内和彦**: 関東地方平野部におけるススキを主体とした二次草地の過去と現在の種組成の比較. ランドスケープ研究, 70: 439-444, 2007.

土屋一彬・鹿野陽子・**武内和彦**: 金沢市における都市化の下での水路網の消失および残存の背景. 環境情報科学論文集, 21: 165-170, 2007.

平澤　毅・鹿野陽子・**武内和彦**: 日本とイタリアにおける発掘庭園の特性に関する比較検討. ランドスケープ研究, 70: 351-354, 2007.

Ichikawa, K., Okubo, N., Okubo, S. and **Takeuchi, K.**: Transition of the satoyama landscape in the urban fringe of the Tokyo metropolitan area from 1880 to 2001. *Landscape and Urban Planning*, 78: 398-410, 2006.

Adboellah, O.S, Hadikusumah, H.Y., **Takeuchi, K.**, Okubo, S. and Parikesit: Commercialization of homegardens in an Indonesian village: Vegetation composition and functional changes. *Agroforestry Systems*, 68: 1-13, 2006.

Komiyama, H. and **Takeuchi, K.**: Sustainability science: Building a new discipline. *Sustainability Science*, 1: 1-6, 2006.

武内和彦・原祐二：アジア巨大都市における都市農村循環社会の構築. 農村計画学会誌, 25: 201-206, 2006.

武内和彦・三瓶由紀：里山保全に向けた土地利用規制. 都市問題, 97: 55-62, 2006.

米澤健一・**武内和彦**：中山間地域等直接支払制度における集落協定の規模と農地の立地条件による類型化―新潟県旧十日町市における事例研究―. 農村計画学会誌, 25: 497-502, 2006.

三瓶由紀・**武内和彦**: 里地保全に関連する市町村条例の類型化に関する考察. ランドスケープ研究, 69: 763-766, 2006.

森　暁雄・岡安智生・佐々木雄大・ジャムサランウンダルマー・**武内和彦**: モンゴル乾燥・半乾燥地域における植生指数の空間パターンを利用した砂漠化モニタリング手法の検討.

環境情報科学論文集, 20: 351-356, 2006.

岡安智生・佐々木雄大・Undarmaa Jamsran・**武内和彦**: 生態系モデルを用いた異なる立地特性における砂漠化プロセスの差異に関する研究. 環境情報科学論文集, 20: 59-64, 2006.

横田樹広・**武内和彦**: 高解像度都市緑被モニタリングによる都市内小規模緑被の分布把握とチョウ類を指標とした生態系ネットワーク機能の評価. 都市計画論文集, 41: 361-366, 2006.

Miura, N., Tsunekawa, A. and **Takeuchi.K.**: Evaluation of forest fragmentation in Japan. *Phyton* , 45(4): 25-32, 2005.

Sasaki, T., Okayasu, T., **Takeuchi, K.**, Jamsran, U. and Jadambaa, S.: Pattern of floristics composition under grazing intensity in Bulgan, South-Gobi, Mongolia. *Grassland Science*, 51: 235-242, 2005.

Hara, Y., **Takeuchi, K.** and Okubo, S.: Urbanization linked with past agricultural landscape patterns in the urban fringe of a deltaic Asian mega-city: A case study in Bangkok. *Landscape and Urban Planning*, 73: 16-28, 2005.

武内和彦・宮脇　勝・鹿野陽子：自然と文化に立脚した都市持続性の構築に向けて. ランドスケープ研究, 69: 99-102, 2005.

Okubo, S., Kamiyama, A., Kitagawa, Y., Yamada, S., Palijon, A. and **Takeuchi, K.**: Management and micro-scale landform determine the ground flora of secondary woodlands and their verges in the Tama Hills, west of Tokyo Japan. *Biodiversity and Conservation*, 14: 2137-2157, 2005.

Parikesit, **Takeuchi, K.**, Tsunekawa, A. and Abdoellah, O.S.: Resource analysis of small-scale dairy production system in an Indonesian village: A case study. Agriculture, *Ecosystems & Environment*, 105: 541-554, 2005.

Murakami, A., Zain, A.M., **Takeuchi, K.**, Tsunekawa, A. and Yokota, S.: Trends in urbanization and patterns of land use in the Asian mega-cities Jakarta, Bangkok and Metro Manila. *Urban and Landscape Planning*, 70: 251-259, 2005.

Parikesit, **Takeuchi, K.**, Tsunekawa, A. and Abdoellah, O.S.: Kebon tatangkalan: A disappearing multi-layered agroforest in the Upper Citarum Watershed, West Java, Indonesia. *Agroforestry Systems*, 63:171-182, 2004.

Kar, A. and **Takeuchi, K.**: Yellow dust- An overview of research and felt needs. *Journal of Arid Environment*, 59(1): 167-187, 2004.

Okayasu, T. and **Takeuchi, K.**: Classification of the size distribution of soil aggregates in arid and semi-arid regions in East Asia. *Journal of Environmental Information Science*, 32(5): 63-70, 2004.

Gunawan, B., **Takeuchi, K.** and Abdoellah, O.S.: Changes to community participation in watershed management: an analysis of fish farming activities at Saguling Reservoir, West Java, Indonesia. *Water Policy*, 6: 319-334, 2004.

Morita, A., **Takeuchi, K.**, Doi, K., Sigua, R. G., Honda, K., Seta, F. and Murakami, A.: Urban transport and local governance in Asian developing countries –In search of transport policies-, *IATSS Research*, 28(1): 6-18, 2004.

宮脇　勝・**武内和彦**・鹿野陽子：イタリアの地方分権下における国と州政府と県と基礎自治体の風景保全プランニング体系に関する研究－カンパーニア州政府の広域方針、ナポリ県の風景計画、ポッツォーリ市のマスタープランの整合性－．都市計画論文集, 39(2): 169-174, 2004.

原科幸爾・**武内和彦**：長野県佐久市を事例とした地域循環型の生物資源利用システムに関する研究．ランドスケープ研究, 67: 741-744, 2004.

北川淑子・大久保悟・山田晋・**武内和彦**：丘陵地の谷津田に接する下部谷壁斜面下端の草本植生の種構成と種の豊かさ．ランドスケープ研究, 67: 551-554, 2004.

米澤健一・**武内和彦**：農地の傾斜条件による中山間地域の指定基準の検証．農村計画論文集, 6: 145-150, 2004.

Okubo, S., **Takeuchi, K.**, Benjaporn, C. and Apichart, J.: Land characteristics and plant resources in relation to agricultural land-use planning in a humid tropical strand plain, Thailand. *Landscape and Urban Planning*, 65: 133-148, 2003.

Harashina, K., **Takeuchi, K.** and Arifin, H.S.: Nitrogen flows due to human activities in the Cianjur-Cisokan watershed area in the middle Citarum drainage basin, West Java, Indonesia: a case study at hamlet scale. *Agriculture Ecosystems & Environment*, 100: 75-90, 2003.

Tsunekawa, A., Zhu, B., Abe, K., Saito, C and **Takeuchi, K.**: Modeling the production and uses of biological resources from the viewpoint of energy flow in a rural village in Sichuan, China. *Environmental Management* , 32: 47-61, 2003.

後藤巖寛・小笠原輝・本郷哲郎・池口　仁・**武内和彦**：山梨県郡内地域における土地利用と生物資源利用の変遷．ランドスケープ研究, 66: 569-572, 2003.

大久保悟・神山麻子・北川淑子・**武内和彦**：多摩丘陵におけるコナラ二次林および林縁の草本層種構成と微地形との対応．ランドスケープ研究, 66: 537-542, 2003.

三瓶由紀・藤咲雅明・池口　仁・**武内和彦**：近自然小河川における抽水植物の浄化機能に関する研究．ランドスケープ研究, 66: 320-326, 2003.

米澤健一・**武内和彦**：中山間直接支払制度が集落レベルの多面的機能の維持増進に及ぼす効果．農村計画学会誌, 22: 17-25, 2003.

原　祐二・春山成子・大久保悟・**武内和彦**：マニラ首都圏都市農村混在地域における盛土を伴う水田の宅地転用と洪水特性変化．農村計画論文集, 4: 19-24, 2002.

原科幸爾・**武内和彦**・ハディ・スシロ・アリフィン：湿潤熱帯における持続可能な地域生態系の再構築．ランドスケープ研究, 66: 61-96, 2002.

原科幸爾・**武内和彦**：西ジャワ農村地域における地形条件と土地利用．農村計画論文集, 4: 299-234, 2002.

米澤健一・大久保悟・**武内和彦**：中山間地域等直接支払制度交付金の支出傾向の解明．農村計画論文集, 4: 199-204, 2002.

大林圭司・朱　波・太田猛彦・**武内和彦**・恒川篤史：中国四川盆地小流域における USLE を用いた土地利用評価．日本緑化工学会誌, 27: 582-588, 2002.

山田　晋・北川淑子・**武内和彦**：多摩丘陵の湿性休耕田における農的粗放管理について．ランドスケープ研究, 65: 290-293, 2002.

Parikesit, D., **Takeuchi, K.**, Tsunekawa, A. and Abdoellah, O.S.: Non-forest fuelwood acquisition and transition in type of energy for domestic uses in the changing agricultural landscape of the Upper

Citarum Watershed, Indonesia. *Agriculture, Ecosystem and Environment*, 84: 245-258, 2001.

Takeuchi, K.: Nature conservation strategies for the 'SATOYAMA' and 'SATOCHI', habitat for secondary nature in Japan. *Global Environmental Research*, 5: 193-198, 2001.

別所　力・恒川篤史・**武内和彦**・神山麻子：多摩川鶴見川流域における GIS を用いた植生変化．GIS-理論と応用, 9: 83-90, 2001.

[著書（2001 年～）]

武内和彦・高橋康夫監修・地球環境戦略研究機関（IGES）編：持続可能な社会づくりへの統合的アプローチ，丸善出版，240pp., 2024.

ディクソン＝デクレーブ, S.，ガフニー, O.，ゴーシュ, J.，ランダース, J.，ロックストローム, J.，ストックネス, P.E.（**武内和彦**　監訳，ローマクラブ日本　監修，森秀行・高橋康夫ほか訳）：Earth for All 万人のための地球．丸善出版，215pp., 2022.

Gasparatos, A., Merle, N., Ahmed, A., Karanja, A., Fukushi, K., Saito, O., **Takeuchi, K.** eds.: Sustainability Challenges in Sub-Saharan Africa II: Insights from Eastern and Southern Africa. Springer, 268pp., 2020.

Gasparatos, A., Ahmed, A., Merle, N., Karanja, A., Fukushi, K., Saito, O., **Takeuchi, K.** eds.: Sustainability Challenges in Sub-Saharan Africa I: Continental Perspectives and Inshghts from Western and Central Africa. Springer, 360pp., 2020.

Saito, O., Subramanian, SM., Hashimoto, S. and **Takeuchi, K.** eds.: Managing Socio-ecological Production Landscapes for Sustainable Communities in Asia. Springer, 179pp., 2020.

Aguirre-Bastos, C., Chaves-Chaparro, J., Saito, O., **Takeuchi, K.**: Sustainability science: Where and how?, pp. 21-36. In Aguirre-Bastos, C., Chaves-Chaparro, J. and Aricò, S. (eds): Co-Designing Science in Africa: First steps in assessing the sustainability science approach on the ground, UNESCO, Paris, 248pp, ISBN: 978-92-3-100319-6, 2019.

武内和彦：里山ランドスケープの再生―戦略的に取り組む．日本生命財団編：人と自然の環境学．東京大学出版会，207－226，2019.

ロックシュトローム，J.，クルム，M.（**武内和彦**，石井菜穂子　監修: 谷淳也，森秀行ほか

訳）：小さな地球の大きな世界．丸善出版, 242pp., 2018.

Saito. O, Kranjac-Berisavljevic, G., **Takeuchi, K.**, and Gyasi, EA.: Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa. Springer, 343pp., 2018.

Takeuchi, K., Shiroyama, H., Saito, O. and Matsuura, M. eds.: Biofuels and Sustainability: Holistic Perspective for Policy-making. Springer, 265pp., 2018.

Takeuchi, K., Saito, O., Matsuda, H. and Mohan, G. eds.: Resilient Asia: Fusion of Traditional and Modern Systems for Sustainable Future. Springer, 196pp., 2018.

Saito, O., Kranjac-Berisavljevic, G., **Takeuchi, K.** and Gyasi, E.A. eds.: Strategies for Building Resilience against Climate and Ecosystem Changes in Sub-Saharan Africa. Springer, 343pp., 2017.

Takeuchi, K., Harashina, K., Hara, Y.: Establishing a Sustainable Community through Urban and Rural Fusion. Yokohari, M., Murakami, A., Hara, Y., Tsuchiya, K. (eds) Sustainable Landscape Planning in Selected Urban Regions, Springer, 27-38, 2017.

Takeuchi, K., Matsuda, H., Saito, O., Herath, S., Naito, D. and Geeta, M.: Building resilience in rural Asia: Combining traditional and modern bioproduction syatem. Yangi, K. and Kuo, C.G. eds: The Challenges of Agro-Environmental Research in Monsoon Asia. NIAES Series 6, 13-29pp, 2016.

武内和彦・渡邉綱男編：日本の自然環境政策　東京大学出版会　256pp, 2014.

武内和彦: 世界農業遺産.　祥伝社新書、220pp, 2013.

Duraiappah, K.A., Nakamura, K., **Takeuchi, K.**, Watanabe, M., Nishi, M. eds.: Satoyama-Satoumi Ecosystems and Human Well-Being: Socio-Ecological Production Landscapes of Japan. United Nations University Press, 480pp, 2012.

Komiyama, H., **Takeuchi, K.**, Shiroyama, H. and Mino, T. eds: Sustainability Science: A Multidisciplinary Approach. United Nations University Press, 375pp, 2011.

小宮山宏・**武内和彦**・住明正・花木啓祐・三村信男編：サステイナビリティ学第 1 巻　サステイナビリティ学の創生.　東京大学出版会　175pp, 2011.

小宮山宏・**武内和彦**・住明正・花木啓祐・三村信男編：サステイナビリティ学第 2 巻　気候変動と低炭素社会.　東京大学出版会　174pp, 2010.

小宮山宏・**武内和彦**・住明正・花木啓祐・三村信男編：サステイナビリティ学第 3 巻　資源利用と循環型社会.　東京大学出版会　174pp, 2010.

小宮山宏・**武内和彦**・住明正・花木啓祐・三村信男編：サステイナビリティ学第 4 巻　生態系と自然共生社会.　東京大学出版会　210pp, 2010.

小宮山宏・**武内和彦**・住明正・花木啓祐・三村信男編：サステイナビリティ学第 5 巻　持続可能なアジアの展望.　東京大学出版会　217pp, 2011.

武内和彦：地球持続学のすすめ　岩波書店　214pp, 2007.

Seguchi, R., Brown R.D., and **Takeuchi, K.**; land use change from traditional to modem eras: Saitama prefecture, Japan S.K. Hong, N. Nakagoshi, B. Fu, Y. Morimoto, and J. Wu (eds.): Landscape ecological applications in man-influenced areas - Linking man and nature systems. Springer Tokyo, 113-128pp, 2007.

武内和彦：ランドスケープエコロジー．朝倉書店、245pp, 2006.

Takeuchi, K. and Okayasu, T.: Integration of benchmarks and indicators, monitoring and assessment, and early warning systems, and its application to pilot studies for desertification EWS United Nations (ed.): Know Risk, 251-253, 2005.

武内和彦: グローバルな観点から見た自然再生と地域マネジメント. 環境経済・政策学会編：環境再生、1-7pp, 2005.

鷲谷いづみ・**武内和彦**・西田　睦：生態系へのまなざし．東京大学出版会、pp 317，2005.

武内和彦・宮下直：人と自然の本．ポプラ社、48pp, 2004.

武内和彦：環境時代の構想．東京大学出版会、228pp, 2003.

Kar, A. and **Takeuchi, K.**: Toward an early warning system for desertification. United Nations Convention to Combat Desertification (UNCCD) Ad Hoc Panel (ed.): Early Warning Systems, 37-72,

2003.

Takeuchi, K., Brown, R.D., Washitani, I., Tsunekawa A. and Yokohari, M. eds.: Satoyama –The Traditional Rural Landscape of Japan. Springer Tokyo, 229pp, 2003.

Asdak, C., **Takeuchi, K.** and Takada, H.: Biophysical evaluation of the Upper Citarum Watershed: An overview methodology and application. Hayashi, Y., Syafrida, M. and Hartono, S. eds.: Sustainable Agriculture in Rural Indonesia. Gadjah Mada University Press, 439-448, 2003.

Harashina, K., **Takeuchi, K**. and Arifin, H.S.: Toward restructuring for sustainable regional ecosystems in the humid tropics. Hayashi, Y., Syafrida, M. and Hartono, S. eds.: Sustainable Agriculture in Rural Indonesia. Gadjah Mada University Press, 369-390, 2003.

武内和彦・住　明正・植田和弘：環境学序説．岩波書店, 190pp, 2002.

Murakami, A., **Takeuchi, K.**, Tsunekawa, A. and Zain, A.M.: Trends in special extension and land-use mixture in Metro Manila. Ohmachi, T. and Roman, E.R. eds.: Metro Manila in Search of a Sustainable Future: Impact Analysis of Metropolitan Policies for Development and Environmental Conservation. University of the Philippines Press, 174-184, 2002.

武内和彦・鷲谷いづみ・恒川篤史編：里山の環境学．東京大学出版会, 257pp, 2001.

Gasparatos, A., Naidoo, M., Ahmed, A., Karanja, A., Fukushi, K., Saito, O. and Takeuchi, K.(eds): Sustainability Challenges in Sub-Saharan Africa II. Springer, 2020.

Gasparatos, A., Ahmed, A., Naidoo, M., Karanja, A., Fukushi, K., Saito, O. and Takeuchi, K.(eds): Sustainability Challenges in Sub-Saharan Africa I. Springer, 2020.

[招待講演（2001 年～）]

自然共生社会の実現～次世代を担うユースへのメッセージ～．和歌山県・人と自然をつなぐシンポジウム「自然共生社会の実現に向けて～和歌山の未来を担う子供たちとともに」．ホテル アバローム紀の国，和歌山市，2022 年 3 月．

脱炭素社会が導く豊かさの創造．東京銀杏会第 27 回トップフォーラム「脱炭素社会が導く新しいコロナ後の世界」．学士会館，2022 年 3 月．

人と自然が共生する持続可能な地域づくり―イオン東大里山ラボへの期待―．第 1 回イオン東大里山ラボキックオフシンポジウム「新たな里山チャレンジが拓く未来の地球～スマートエコアイランド戦略～」．オンライン開催，2022 年 3 月．

Regional Circulating and Ecological Sphere (Regional CES), Concept and Its Applicability in the Country Context. Regional CES Scoping Workshop “Building Climate Resiliency through Linking Rural-Urban Plans and Priorities. Online, February, 2022.

Solutions for Sustainability –Looking Local, Going Global-. Hanoi Geoengineering 2022 Online, February, 2022.

持続可能な食料システムと生物多様性の保全．IPBES シンポジウム : 生物多様性とライフスタイル～自然の恵み「食」を将来に引き継ぐためにわたしたちができること．オンライン開催，2021 年 12 月．

世界農業遺産と日本．和歌山大学開放授業「世界農業遺産」，和歌山県立情報交流センタービッグ・ユー，2021 年 12 月．

GIAHS Designations and Regional Sustainability. International Conference on GIAHS, Noto, Ishikawa, November, 2021.

地域循環共生圏の創造―佐渡を舞台にして―．ローカル SDGs シンポジウム「佐渡島 SDGs・地域循環共生圏の実現に向けて」，アミューズメント佐渡，2012 年 11 月．

Nature-based Solutions in Japanese Environmental Policies. COP 26 Japan Pavilion Side Event, Madrid, November, 2021.

日本の持続可能な農業とは～佐渡 GIAHS の農村文化から考える～．佐渡 GIAHS 認定 10 周年記念フォーラム in 佐渡．2021 年 10 月．

Redesigning Global, Social and Human Systems for Sustainability. Regional Action on Climate Change (RACC13), online, October, 2021.

Establishing a Decentralized and Connected City Regions for Localizing SDGs in the Face of COVID-19. UNU-IAS Intensive Core Courses “Global Change and Planetary Boundaries”, September, 2021.

脱炭素社会への挑戦と新たな豊かさの創造．取手市地球温暖化防止後援会，2021 年 8 月．

人と自然が共生する持続可能な未来を目指して．みどりの学術賞受賞記念イベント，日本科学未来館，2021 年 7 月．

Healthy Planet, Healthy People: Role of the Satoyama Initiative for Green & blue Recovery. High Level Political Forum on Sustainable Development (HLPF) 2021, June, 2021.

Creation of a Circulating and Ecological Sphere (CES) for Attaining Integrated Disaster and Climate Resilience. 2nd International Symposium on Disaster Resilience and Sustainable Development (DRSD-2021), June, 2021.

Building a Sustainable Society in Harmony with Nature. Lecture Series, Frontier of Sustainability Science 2021, June, 2021.

生物多様性に関する国際動向．国際生物多様性の日 2021 シンポジウム―私たち自身が解決の鍵―．オンライン開催, 2021 年 5 月．

Circulating and Ecological Sphere Approach Towards Self Resilient City Regions in Post COVID-19 Asia. The First Regional Workshop on Circulating and Ecological Sphere Approach for Re-designing the City Regions Resilient. On line, 2021 年 5 月．

Green Recovery from COVID-19 for a Sustainable Future. International Finance Forum (IFF) 2021 Spring Meeting, 2021 年 5 月．

SDGs の達成に貢献する農業遺産．令和 2 年度日本農業遺産の認定賞授与式，農林水産省講堂，2021 年 3 月．

「自然と共生する世界」の実現に向けた社会変革．シンポジウム「生物多様性とライフスタイル～新しい日常に向けてわたしたちができること」オンライン開催．2021 年 3 月．

脱炭素・資源循環・自然共生の統合による地域循環共生圏の創造．兵庫県-IGES-APN 地域循環共生圏フォーラム～再生可能エネルギーの導入による地域循環共生圏の創出～．2021 年 2 月．

コロナ時代の自然と人間との共生．国際 WEB シンポジウム「持続可能な未来を拓く～コロ

ナ時代における自然と人間との共生～」. 2021 年 2 月.

SDGs の達成に貢献する世界農業遺産. 世界農業遺産「清流長良川の鮎」認定 5 周年記念シンポジウム, 2020 年 12 月.

SDGs・気候目標・生物多様性ターゲット間のシナジーによる同時達成を目指して. GEA 国際会議 2020, 2020 年 12 月.

Toward the Establishment of a Sustainable Society in Harmony with Nature – A Key for Redesign of Our Society in the POST-COVID Era. International Forum for Sustainable Asia and the Pacific (ISAP) 2020, 2020 年 11 月.

The Role of Socio-ecological Production Landscapes and Seascapes in the Face of COVID-19. International Forum for Sustainable Asia and the Pacific (ISAP) 2020, 2020 年 11 月

Redesign for Sustainable and Resilient Future. International Finance Forum (IFF) 2020 Annual Meeting (F40) Summit -Global Green Finance: Practice and Innovation, 2020 年 11 月.

Regional/local Circulating and Ecological Sphere (CES). Virtual Forum “Vision of a Sustainable Future”, 2020 年 11 月.

Globally Important Agricultural Heritage System (GIAHS) and Dynamic Conservation/Sustainable Use of Socio-Ecological Landscapes and Seascapes. IGES In-house Seminar on GIAHS, 2020 年 10 月.

Driving the Green Recovery and Redesign. Daring Cities 2020, 2020 年 10 月.

Integrated Approach to Realize a Sustainable Society - Toward the Realization of Circulating and Ecological Sphere (CES) in Asia and the Pacific. Regional Action on Climate Change (RACC12) at STS Forum 2020, Virtual, 2020 年 10 月.

Importance of Resilient and Sustainable Recovery from COVID-19 and Integrated Approaches to Global Challenges. Report on the United Nations High-Level Political Forum (HLPF) 2020: Japan’s Role in Recover from the COVID-19 Pandemic and Achievement of the SDGs, 2020 年 9 月.

Responding, Recovering and Redesigning in the Face of COVID-19 – Global Challenge and the Role

of Academics. International Conference on Science and Technology for Sustainability 2020, Science Council of Japan, 2020 年 9 月.

Establishing a Decentralized and Connected Society for Localizing SDGs in the Face of COVID-19. Cerebrating 50 Years of Academic Excellence, Wangari Maathai Institute, University of Nairobi, 2020 年 9 月.

新型コロナウイルスからのレジリエントで持続可能な復興と地球的課題への統合的アプローチの重要性．国連ハイレベル政治フォーラム 2020 の報告～コロナ禍からの復興と SDGs 達成に向けた日本が果たすべき役割，オンライン，2020 年 9 月.

ポストコロナ時代の気候変動対策と人権～パリ協定の実施に向けた中小企業の貢献．経営層人権啓発講座，大阪市中央公会堂，2020 年 9 月.

Localization of SDGs and Sustainable Growth in the Post-COVID Era. Munhua Future Report, Seoul, 2020 年 9 月.

Regional Circulating and Ecological Sphere (R-CES). 6th Virtual international Conference on Low Carbon Asia & Beyond (ICLCA'20), Shanghai, China, 2020 年 9 月.

Role of the Satoyama Initiative for the Achievement of the SDGs and Post-2020 Global Biodiversity Framework in the Face of COVID-19. High Level Political Forum on Sustainable Development (HLPF) 2020, Side Event, 2020 年 7 月.

How Can the Asia-Pacific Achieve the SDGs in the Covid-19 Era? Asia Pacific Forum for Sustainable Development (APFSD), Bangkok, 2020 年 5 月.

生物多様性の 10 年―これまでの 10 年、これからの 10 年．国連生物多様性の 10 年連動記念シンポジウム，「いしかわ・かなざわから発信する生物多様性の 10 年の取り組み」～持続可能な次の 10 年に向けて，オンラインにて開催，2020 年 5 月.

地域循環圏への期待.ローカル SDG s のデザイン～地域循環共生圏のつくり方～，東京証券会館，2020 年 3 月.

自然の恵みを継承できる社会への変革．シンポジウム「自然共生社会の実現に向けた社会変革」～IPBES 地球規模評価を踏まえて次期生物多様性世界目標を考える，東京大学弥生講

堂，2019 年 12 月.

Why Synergies are Important to Achieve the 2/1.5 Degree Goal and the SDGs?　Climate and SDGs Synergy Approach, Achieving Decarbonized Society and Securing Human Well-being, UNFCCC COP25, SDG Pavilion, Madrid, Spain　2019 年 12 月.

Global Trend of Cities towards Decarbonized and Sustainable Societies, City Climate Actions in collaboration of China, Japan, Korea - Introduction to China -Japan-Korea Joint Research Project on Cities - towards decarbonization and sustainable development -, UNFCCC COP25, Japan Pavilion, Madrid, Spain 2019 年 12 月.

世界農業遺産を活かした地域循環共生圏づくり．Vision2050 シンポジウムシリーズ : 東京大学×世界農業遺産シンポジウム～地域循環共生圏と世界農業遺産，和歌山県県民文化会館中ホール，2019 年 11 月.

持続可能な開発目標（SDGs）と地域循環共生圏の構築．環境情報科学センター シンポジウム <地域循環共生圏 その創造に向けての環境科学研究の役割>，日本大学会館，2019 年 11 月.

SDGs を地域政策に活かす. 熊本市都市政策研究所 第 28 回講演会, 熊本城ホール中会議室, 2019 年 11 月.

農業遺産の意義と持続可能な農村の創生．山形県紅花振興シンポジウム，山形国際ホテル，2019 年 10 月.

持続可能な開発目標（SDGs）と地域循環共生圏の構築．エコテクノ 2019 開催記念講演会，西日本総合展示場新館エコテクノ 2019 セミナー会場，北九州市，2019 年 10 月.

Asia-Pacific Climate Change Adaptation Information Platform (AP-PLAT), Plenary Session 3 - Strategy for Adaptation - Sharing Experiences-, The 11th Regional Action on Climate Change (RACC11), 国立京都国際会館, 2019 年 10 月.

第五次環境基本計画と地域循環共生圏．2019 日中共同セミナー「都市と農村の融合に基づく持続的発展」，天津農学院，中国・天津市，　2019 年 9 月.

Role of Socio-Ecological Production Landscapes and Seascapes (SEPLS) for the Post-2020 Global

Biodiversity Framework, A Joint Event of the IPSI-8 and the Expert Thematic Workshop on Landscape Approaches for the Post-2020 Global Biodiversity Framework, Public Forum “Socio-Ecological Production Landscapes and Seascapes for the Biodiversity Conservation”, Hotel Mielparque Kumamoto, 2019 年 9 月.

Development Strategy for Urban Sustainability in Africa on the Basis of SDGs Interlinkage Analysis (USiA), Side Event at the 7th Tokyo International Conference on African Development (TICAD7), JICA 横浜, 2019 年 8 月.

統合的土地・環境管理計画手法の提案・開発及び実践. 市村賞受賞記念フォーラム，グランドハイアット福岡，2019 年 7 月.

Role of the Satoyama Initiative for the Achievement of SDGs and Post-2020 Global Biodiversity Framework, Side Event at the HLPF on Sustainable Development 2019, United Nations Headquarters, New York City, U.S.A. 2019 年 7 月.

STI Road Maps and the Circulating and Ecological Economy, Report of the STI Forum at the High Level Political Forum (HLPF) under the auspices of ECOSOC, United Nations Headquarters, New York City, U.S.A. 2019 年 7 月.

Maximizing Synergy among Goals and Targets through SDGs Interlinkage Analysis, The Digital Revolution and Sustainable Development: Opportunities and Challenges at the High Level Political Forum (HLPF) under the auspices of ECOSOC, United Nations Headquarters, New York City, U.S.A. 2019 年 7 月.

Transition to Regional / Local Circulating and Ecological Sphere and Lifestyle Innovation, Earth League Annual Workshop: “Towards a 1.5˚C World: Challenges and Solutions”, Climate Service Center Germany (GERICS), Hamburg, Germany, 2019 年 7 月.

Circulating and Ecological Economy and the Satoyama Initiative, G20 Ministerial Meeting on Energy and Transitions and Global Environment for Sustainable Growth, Working Lunch, 軽井沢町、長野, 2019 年 6 月.

里山ランドスケープの再生－戦略的に取り組む. 日本生命財団創設 40 周年記念シンポジウム「人と自然が織りなす持続可能な未来－環境学からの提言」，国連大学ウ・タント国際会議場，2019 年 6 月.

農業遺産の意義と持続可能な農山漁村の創生．日本農業遺産認定証授与式及び認定記念講演会，農林水産省講堂，2019 年 4 月．

持続可能な開発目標の達成に向けて–環境・経済・社会の統合的発展–．日本産学フォーラム，ホテルオークラ東京, 2019 年 3 月．

Sustainability Science as a Discipline in Higher Education: Role of Universities in Fast Tracking the Implementation of SDGs in Africa, African Symposium on Sustainability Science 2019, University of Nairobi Tower, Kenya, 2019 年 3 月．

Implementation of Adaptation Measures and Sustainable Development: Circulating and Ecological Economy and Society, G20 気候持続可能性作業部会(CSWG), グランドニッコー台場， 2019 年 2 月．

Partnership-based Solutions are Key for Sustainable Family Farming in Asia: U.N. Decade of Family Farming (2019-2028), World Sustainable Development Summit (WSDS) 2019, India Habitat Centre, New Delhi, India　2019 年 2 月．

Satoyama Initiative and its Partnership ~Lessons Learnt for the Post-2020 Framework~, Side Event at the CBD Regional Consultation Workshop on the Post-2020 Global Biodiversity Framework for Asia and the Pacific, 名古屋国際会議場，2019 年 1 月．

パートナーシップによる地域循環共生圏の創造と SDGs の活用．国連大学エリザベス・ローズ・ホール，2019 年 1 月．

Sustainability Science in Asia: Linking Science and Society for a Sustainable Future, The 18th Science Council of Asia Conference 2018 “Role of Science for Society: Strategies toward SDGs in Asia”，日本学術会議，2018 年 12 月．

Rebuilding Sustainable Rural and Urban Linkages in an Aging Society, SEMINAR CITIES-the frontlines for global sustainability, Royal Swedish Academy of Sciences, Stockholm, Sweden 2018 年 11 月．

SDGs が拓く里山里海の可能性．能登 SDGs ラボ，金沢大学能登学舎，石川県， 2018 年 10 月．

Creating Sustainable Cities Making the Most of the Environment for the Aging Society SDGs – Examples of Future Cities, 2nd Stockholm-Tokyo Workshop　Ageing Societies: Sustainability and Resilience Challenges in the Urban Century, 東京大学本郷キャンパス,　2018 年 10 月.

Satoyama Initiative's Contribution towards Aichi Biodiversity Targets & SDGs, The 7th IPSI Global Conference (IPSI-7) Public Forum: "Assessing Satoyama Initiative's Contribution towards Aichi Biodiversity Targets & SDGs", 金沢ニューグランドホテル, 2018 年 9 月.

Sustainability Science: Linking Science, Policy and Society for a Sustainable Future, Springer Nature: Implementing Solutions for the SDGs -The Role of Sustainability Research, 国連大学 2018 年 9 月.

Sustainable Development of GIAHS. Symposium of Utilizing Plural Values of Agricultural Heritage, Seoul National University, Korea 2018 年 9 月.

GIAHS and Partnership. The 5th Conference of East Asia Association of Agricultural Heritage Systems (ERAHS), Minabe, Wakayama 2018 年 8 月.

世界農業遺産となった静岡水わさびへの期待.「静岡水わさびの伝統栽培」世界農業遺産認定記念フォーラム, 修善寺, 静岡 2018 年 7 月.

SDGs が目指す持続可能な地域づくりと農林水産業の未来. 大日本農会平成 30 年度春期中央農事講演会, 三会堂ビル石垣記念ホール, 2018 年 6 月.

世界・日本農業遺産の意義と持続可能な農山漁村の創生. 世界農業遺産認定記念講演会, 農林水産省講堂, 2018 年 6 月.

生物多様性と SGGs. 国際生物多様性の日シンポジウム, 国連大学, 2018 年 5 月.

Mangrove Rehabilitation: Ecosystem-Based Approach to Enhance Climate Resilience. Workshop on APN Project "Sustainable mangrove rehabilitation for global and local benefits", Delhi, India 2018 年 4 月.

里山里海を活かした持続可能な地域づくり.「能登里山里海マイスター」育成プログラム六期生入構記念講演, 金沢大学能登学舎, 2018 年 4 月.

自然や文化と調和した持続可能でレジリエントな社会を創る. 国際シンポジウム「新しい都

市の未来～文化、生物多様性、風景の交流～」，金沢歌劇座，2018 年 4 月．

持続可能な自然共生社会の実現に向けて．(公財)農学会・日本農学アカデミー共同主催公開シンポジウム「陸と海の豊かさを守り育てる―持続可能な発展を目指して」，東京大学農学部弥生講堂，2018 年 3 月．

パートナーシップがつくる持続可能な自然共生社会．生物多様性民間参画パートナーシップ第 7 回会員会合，経団連ホール南，2018 年 2 月．

森里川海のつながりを守り育てる．環境講演会「道東地域の自然と生態系の将来を考える」，厚岸情報館，2017 年 8 月．

自然資本を活かした地域づくり―佐渡島での実践事例から―．公開シンポジウム「自然共生社会を目指して : 佐渡からはじまる自然共生型の地域づくり」，アイポート佐渡ホール，2017 年 6 月．

自然と人のつながりを取り戻す．和歌山県の人と自然をつなぐシンポジウム，和歌山県民文化会館，2017 年 1 月．

The Satoyama Initiative: Contributions to Mainstreaming Biodiversity. CBD COP13 Side Event, Strategic Action for Mainstreaming Biodiversity: Contribution of the IPSI to Biodiversity and Human Well-Being, Cancun, Mexico　2016 年 12 月．

自然共生社会の実現を目指して～人がつなぐ森里川海．日本 UNEP フォーラム 2016～水と森林の今後を考える～　国連大学　2016 年 11 月．

生物文化多様性 : 人と自然をつなぐ．第一回アジア生物文化多様性国際会議，石川県七尾市，2016 年 6 月．

Living in harmony with nature: The Satoyama Initiative. The Satoyama Initiative Regional Workshop in Peru, Cusco and Pisac, 2016 年 6 月．

Teaching Sustainability Science through University Networks in Asia and Africa. The 4th International Conference on Sustainability Science in Asia (ICSS-Asia 2013) オーストラリア国立大学　2013 年 2 月．

CBD/COP 11 及び IPSI-3 の結果を踏まえた石川・金沢の将来展望. CBD/COP 11 公開セミナーシリーズ第 3 回　金沢市　2012 年 12 月.

「サステイナビリティ」がつなぐ「環境」と「平和」－国連大学の役割.UNU/jfUNU ジュニアフェローシンポジウム 2012　国連大学　2012 年 11 月.

Post-Disaster Rebuilding through Creation of Nature-Harmonious Society: The Role of Sustainability Science. Symposium Challenges for Sustainability: Norway, Japan and the Global Society 東京工業大学　2012 年 11 月.

Post-Disaster Rebuilding in Harmony with Nature: The Role of Sustainability Science. アジア地域統合のための東アジア大学院拠点形成構想　早稲田大学　2012 年 11 月.

Perspectives on Sustainable Socio-Ecological Production Landscapes and Seascapes. 生物多様性条約第 11 回締約国会議　インド　ハイデラバード　2012 年 10 月.

Toward building a sustainable and resilient society in the transformational world. 横浜国立大学・国連大学・地球環境戦略研究機関共催　国際シンポジウム　2012 年 9 月.

生物多様性と豊かな暮らし CBD/COP11 に向けた石川・金沢からの発信. CBD/COP11 公開セミナーシリーズ第 2 回　金沢市　2012 年 9 月
.
震災復興を通じたレジリエントな自然共生社会の構築. 第 4 回持続可能なアジア太平洋に関する国際フォーラム　パシフィコ横浜　2012 年 7 月.

生物多様性が育む持続可能な農業・農村.第 2 回生物の多様性が育む農業国際会議（ICEBA2012）佐渡市　2012 年 7 月.

自然共生社会実現のための新しいビジネスモデルの提案と展開―先進国・途上国に共通するグリーンエコノミーの構築を目指して－. 経団連フォーラム 21 日本工業倶楽部　2012 年 7 月.

自然共生社会とグリーンエコノミー. 国連大学公開講座　国連大学サステイナビリティと平和研究所　2012 年 7 月.

Developing a Green Economy : the Role of Socio-Ecological Production Landscapes. Outline of

Rio+20 side event : “The Satoyama Initiative and the Green Economy” Japan Pavilion (Athelent’Park) 2012 年 6 月.

緑の震災復興と造園学の役割. 日本造園学会公開シンポジウム 大阪府立大学 2012 年 5 月.

Assessing Biodiversity and Ecosystem Services: Reflections on Satoyama-Satoumi. 国連大学出版部生物多様性と生態系サービスについての公開講座 国連大学 2012 年 4 月.

世界農業遺産が拓く自然共生社会. 佐渡・能登連携 世界農業遺産シンポジウム 七尾市 2012 年 3 月.

The Saotoyama Initiative: The next step toward societies in harmony with nature. The Second IPSI Global Conference Public Forum ナイロビ 2012 年 3 月.

Rebuilding from the Great Eastern Japan Earthquake: The Role of Sustainability Science. International Conference on Sustainability Science(ICSS) 2012: Sustainability Science in Action アリゾナ州立大学 2012 年 2 月.

Rebuilding the Tsunami-Affected Areas & Constructing a Society in Harmony with Nature. 国際シンポジウム 東日本大震災と津波警報システム・政策の観点から 国連大学 2012 年 2 月.

里山里海の再生を通じた震災復興地域づくり. グローバルセミナー東北 1 震災復興と生態適応―国連生物多様性の 10 年と RIO+20 にむけて 東北大学 2012 年 2 月.

Post-Disaster Rebuilding through Creation of a Nature-Harmonious Society, Global Launching of the United Nations Decade on Biodiversity 2011-2020
Workshop on “National Biodiversity Strategy and Action Plans (NBSAPs)”, December 2011.

自然共生社会の再構築と豊かな農業農村の創造 GIAHS (世界農業遺産）推進フォーラム～トキと共生する佐渡の里山～ 2011 年 12 月.

Post-Disaster Rebuilding through Creation of a Nature-Harmonious Society, Joint Symposium Held by United Nations University (UNU), Yokohama National University (YNU), and Japan Foundation for UNU (jfUNU) “Sustainability and Risk Management – Approach for an Integrated Solution of Global Environmental Concerns and Disasters–”, November 2011.

自然共生社会とグリーンエコノミー　東京国際環境会議 2011, 2011 年 9 月.

Building a global meta-network for sustainability science. 第 18 回いっしょに国連セミナー, 国連広報センター, 2011 年 9 月.

震災復興と自然共生社会　土木学会関東支部栃木総会　2011 年 7 月.

ランドスケープ再生を通した震災復興. サステイナビリティ・サイエンス・コンソーシアム公開講演会，北海道大学，2011 年 6 月.

Rebuilding after the great eastern Japan earthquake: the role of sustainability science. Sustainability International Forum, Rome Campidoglio, June 2011.

持続可能な開発：国連と日本の役割. WorldShift Forum 2011，国連大学 2011 年 5 月.

サステイナビリティ学の創成－持続型社会をめざす. 広島大学国際サステイナブル科学リーダー育成システムキックオフシンポジウム，広島大学，2011 年 3 月.

自然共生社会と豊かなくらし. 藤沢地方自治研究センター講演会，2011 年 3 月.

Rebuilding the relationship between people and nature: the SATOYAMA initiative. The Second International Conference on Sustainability Science in Asia, Hanoi, March, 2011.

湿地：地球と地域をつなぐ. ラムサール条約 40 周年記念シンポジウム，国連大学，東京，2011 年 2 月.

低炭素社会と魅力ある地域づくり. エネルギー持続フォーラム公開シンポジウム，丸ビルホール，2011 年 2 月.

Promoting education for an integrated approach to climate and ecosystem change adaptation through multi-stakeholder participation. AGS Annual Meeting, January, 2011.

気候・生態系変動とグローバル・サステイナビリティ. 早稲田大学サステイナビリティ学研究推進本部国際シンポジウム，早稲田大学，2011 年 1 月.

国際生物多様性年を振り返って. 持続可能な社会のための科学と技術に関する国際会議，ホ

テル金沢，2010 年 12 月．

バイオマスが拓く持続型社会．環境バイオマスフォーラム 2010，東京ビッグサイト，2010 年 11 月．

３R が拓く地域の未来－資源循環と自然共生をめざして－．３R 推進全国大会，　佐賀，2010 年 11 月．

COP10－生物多様性を考える．日経新聞電子版ビジネスフォーラム 2010，日経カンファレンスホール，2010 年 10 月．

Satoyama and Satoumi in Japan and ecosystem services. CBD COP10 Side Event, Nagoya, October, 2010.

Agriculture and biodiversity: challenges toward a sustainable society. CBD COP10 Side Event, Nagoya, October, 2010.

里地・里山と生物多様性．人と自然の共生国際フォーラム，ウィンク愛知，2010 年 10 月．

里地里山再生のビジョン．生物多様性里山知事サミット，名古屋，2010 年 10 月．

里地里山：日本と世界における意義と SATOYAMA イニシアティブ．COP10 社会と学術の対話フォーラム，名古屋大学，2010 年 9 月．

Challenges and opportunities for higher education in the current economic environment, with an emphasis on Japan. EWC/EWCA 50th anniversary international conference, Hawaii convention center, July, 2010.

International co-operation to establish and advance the new sustainability science. Going beyond GDP, Sustainability and New Wealth Indicators, Italian Parliament Conference Hall, Rome, May, 2010.

都市の生態系と里地里山の保全．日本造園学会全国大会「国際生物多様性の日」記念シンポジウム，名城大学，2010 年 5 月．

Sustainability: engaging in global change through harmonious adaptation in Asia. Continents under Climate Change, Berlin, April, 2010.

アジアにおける複合的環境問題をどう解くか-地球学から基礎・臨床環境学への展開-へ, 名古屋大学 GCOE, 2010 年 3 月.

岐路に立つ世界の気候政策-大学とジャーナリズムの役割を再考する- 早稲田大学サステイナビリティ学研究推進本部国際シンポジウム 2010 年 1 月.

Building a sustainable society under climate and ecosystems. AAAS Annual Meeting, San Diego, February, 2010.

Significance of agroforestry and its relationship with Satoyama landscape. Symposium on Agroforestry; its Relevance and Potential in Promoting Local and Global Sustainable Development, UNU, Tokyo, December, 2009.

Building a sustainable society under changing climate and ecosystems. University of Copenhagen, December, 2009.

Rebuilding the relationship between people and nature and the SATOYAMA initiative. International Conference on Sustainability Science in Asia, Bangkok. November, 2009.

Nurturing sustainability leadership and international networks. 産学官民連携と高等教育機関の環境リーダー育成に関する国際シンポジウム，名古屋，2009 年 11 月.

Biodiversity, desertification and climate change: importance of strengthening synergies. International Symposium on Mongolian Ecosystems and Desertification, Ulaanbaatar. October, 2009.

Urban ecosystem and sustainable cities. urban ecosystems and biodiversity, CITYNET Yokohama Congress 2009, Yokohama, September, 2009.

里地里山と流域環境圏. 流域環境権を基にこの国の形を創るシンポジウム, 名古屋, 2009 年 9 月.

Rebuilding the relationship between human and nature and CBD post 2010 target. International Forum for Sustainable Asia and the Pacific (ISAP2009), Tokyo, June, 2009.

ミレニアム生態系評価とその後のサブグローバル評価のフォローアップについて. 東北大学環境機関コンソーシアム「気候変動と生態適応」, 仙台, 2009 年 2 月.

Sustainability science and environmental risk management. 3rd International Workshop on Environmental and Health Risk for Sustainability in Developing Countries, Department of Civil and Environmental Engineering, Tohoku University, Sendai, February, 2009.

SATOYAMA 論はアジアに展開できるか？ グローバル COE「アジア視点の国際生態リスクマネジメント」シンポジウム，環境問題における「不都合な真実」東京，2008 年 12 月.

How to assess desertification? Scientific Symposium of the UNU Council Meeting, Bonn, December, 2008.

地球持続学のすすめ　宮城教育大学　2008 年 9 月.

アジア巨大都市と地球持続性.「アジア大都市ネットワーク 21」ワークショップ 2008，東京，2008 年 9 月.

IR3S approach to sustainability education. international symposium on the Environmental Leadership Initiative for Asian Sustainability (ELIAS), Sapporo, June, 2008.

Education for Sustainable Development (ESD) and sustainability science. 2nd International Colloquium on Education and Sustainability, Tokyo, October, 2007.

Methodologies for the assessment of desertification at global, regional and local levels. Committee on Science and Technology, 8th Conference of the Parties, UNCCD, Madrid, September, 2007.

Sustainability Science – building, a new academic discipline. University of Indonesia, Jakarta, August, 2007.

Establishing a sustainable city through the fusion of the urban and rural in Japan. International Symposium on City Planning, Yokohama, August, 2007.

Energy and environment - the role of university in Japan. International Symposium on Energy and Environment, Washington University, St. Louis, May, 2007.

University of Tokyo’s global initiatives and response to recent trends in higher education. APRU Forum, National Taiwan University, Taipei, March, 2007.

サステイナビリティ学の観点から見た循環型社会のあるべき姿．浦東循環型経済国際検討会，中国浦東幹部学院，2006 年 5 月．

Spatially heterogeneous impacts on rangeland after social system change in Mongolia. Toward Sustainable Environment and Human Life in Mongolia, Ulaanbaatar, August, 2005.

モンゴルの砂漠化．「モンゴルの環境は今」環境調査の着地点，在日モンゴル大使館，東京，2005 年 5 月．

A pilot study in north-east Asia for developing desertification assessment and constructing an early warming system. Committee on Science and Technology, 7th Conference of the Parties, UNCCD, Nairobi, October, 2005.

グローバルな観点から見た自然再生と地域マネジメント．環境経済・政策学会公開シンポジウム「環境再生と地域マネジメント」，広島大学，2004 年 9 月．

Iraq environmental cooperation study team in Japan. UNEP Roundtable on Iraq Marshland Management, Amman, Jordan, September, 2004.

都市農村融合による持続的発展の可能性．持続的発展に関する日中（天津）シンポジウム，天津市，2004 年 7 月．

Integration of benchmarks and indicators, monitoring and assessment, and early warning systems, and its application to pilot studies for desertification EWS. Meeting of Asian Region Members of Group of Experts, UNCCD, Tokyo, February, 2004.

Carbon stocks, forest management and the conservation of biodiversity in the secondary nature - toward restructuring regional forest resources utilization system. Delhi Sustainable Development Summit 2003, New Delhi, February, 2003.

Integrating global and local environmental strategies in landscape planning. International Conference on Landscape Planning in the Era of Globalization, Portoroz, Slovenia, November, 2002.

Food production, water resources management and land degradation. AGS Annual Meeting Lausanne, Switzerland, January, 2001.