哈斯巴干 简历

2025 年 4 月 1 日

教授（研究员），博士生导师

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一、学习和工作经历

学习经历

1986.09 - 1991.07	北京大学 数学系 本科 学士学位
1993.09 - 1996.04	北京航空航天大学 理学院 应用数学系 硕士学位
1999.04 - 1999.10	日本 北海道大学 经济学研究科 研究生
2001.03 - 2004.03	中国科学院 遥感应用研究所 博士学位

工作经历

2016.09 - 现在	上海师范大学 环境与地理科学学院 教授（研究员）
2017.06 - 现在	东京大学 生产技术研究所 客座 Research fellow
2013.03 - 现在	日本 国立环境研究所 Regional Environment Conservation Division, 客座研究员
2013.06 - 2016.08	日本 茨城大学 农学部 研究员
2013.03 - 2013.05	澳大利亚 Flinders 大学 MLFP 研究员
2008.08 - 2013.02	日本 国立环境研究所 地球环境研究中心 NIES fellow
2006.04 - 2008.07	东京大学 生产技术研究所 JSPS 研究员
2004.04 - 2006.03	日本 国立环境研究所 水土壤研究领域 NIES postdoctoral fellow
1996.05 - 1999.03	蒙古国 ERDENET 矿业公司 北京办事处 职员
1991.09 - 1993.08	内蒙古师范大学 数学系 助教

其他兼职

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二、主持的科研项目

1) **主持**，2023-2026，“变化环境下蒙古国农牧业发展对水资源及生态环境的影响”，**国家科技部**，国家重点研发计划政府间**重点专项**项目(项目编号：2022YFE0119500)
2) **主持**，2022-2025，“结合碳观测卫星和地面观测对长三角地区甲烷和二氧化碳的排放量进行估算和评估”，**上海市科委**，上海市地方院校能力建设专项 (项目编号：22010503600)
3) **主持**，2018-2021，“结合样本优化和核学习子空间的多源异质遥感数据分类及城市应用”，**国家自然科学基金**，**常规面上项目** (项目编号：41771372)
4) **主持**，2025-2028, “Time-Series Analysis of Land Subsidence in China and Mongolia Based on Multi-Temporal InSAR”，**日本**宇宙航空研究开发机构 (*JAXA* PI No. ER4A2N114)
5) **主持**，2021-2026，“Spatiotemporal analysis of atmospheric greenhouse gases distribution using GOSAT data in China”，**日本**环境省 GOSAT 系列碳卫星项目(The 3rd GOSAT RA) (项目编号：PI No: 3RA-02)
6) **主持**，2022-2025, “Combining ALOS series Optical and SAR imagery for local climate zone classification”，**日本**宇宙航空研究开发机构 (*JAXA* PI No. ER3A2N149)
7) **主持**，2018-2020，“多源遥感数据融合与核子空间方法相结合的城市扩展研究”，**上海市科委**，

高新技术科技攻关项目 (项目编号：18511102300)

8) **主持**，2016-2021， “Land-cover classification using ALOS-2 in China and Mongolia”，**日本**宇宙航空研究开发机构 (The Japan Aerospace Exploration Agency: JAXA; PI No. 3398)

9) **主持**，2016-2022， “基于多源遥感数据的城市扩展研究”, **上海师范大学**引进人才科研启动项目

10) **主持**，2013-2018， “Land Cover Classification Using ALOS PALSAR, AVNIR-2, and PRISM in Ulaanbaatar”，**日本**宇宙航空研究开发机构 (The Japan Aerospace Exploration Agency: JAXA; PI No. 1007)

11) **主持**，2013, Fellowship “Comparison of urban growth patterns in Adelaide and Tokyo”, **澳大利亚** Mawson Lakes Foundation 项目

12) **主持**，2006-2008 “Evaluation of long-term vegetation change in Asian region with climate change,” **日本**科技振兴会 (JSPS PI No. 18・06170)

三、承担的本科和研究生课程

硕士：资源环境遥感；学术规范与论文指导

本科：概率论与数理统计；环境遥感

四、外语水平及专业特长

英 语：听说读写熟练；在 Flinders 大学进行过研究工作
日 语：听说读写熟练；日常工作语言为日语
扎实的数学和物理基础，擅长 C++和 Python 语言的算法和软件开发
应用光学(Optical)，雷达(Radar)和激光雷达(LiDAR)等遥感图像进行信息提取；基于碳卫星数据的二氧化碳和甲烷浓度特征研究；分析区域到全球范围的土地覆被变化；评估和预测城市扩展趋势

五、主要研究方向和研究内容

一直同时从事遥感数据处理方法开发和实际应用双方面的研究。

算法开发：机器学习算法开发（神经网络，子空间算法，粗糙集，深度学习）；碳卫星数据处理方法；遥感图像分类及变化检测算法(遥感数据包括航空图像，光学图像，合成孔径雷达图像，UVA 无人机图像)；遥感图像融合算法；局部气候分区(LCZ)分类方法；基于格网的城市扩展分析方法；融合光学和雷达数据识别和提取地表面的信息；基于 LiDAR 点数据和高分辨率航拍影像的城市三维结构的提取等。

应用研究：基于 GOSAT, OCO 系列碳卫星数据的大气二氧化碳和甲烷浓度的时空分布特征研究；基于局部气候分区(LCZ)的城市热岛强度研究；提取高精度的城市三维立体结构；城市扩展分析以及基于 LiDAR 点数据，高分辨率航拍影像和航拍的地表面的热辐射信息的城市内部结构的分析；预测未来的不同城市发展模式对城市的能量消耗，城市热岛效应及二氧化碳排放的影响；世界各大城市的时间序列和城市扩展分析；内蒙古地区土地覆被土地利用和变化分析等。

六、学术论文

在“*Remote Sensing of Environment*”、“*IEEE Transactions on Geoscience and Remote Sensing*”、“*PE&RS*” 等遥感领域的国际权威期刊，“*Land Degradation & Development*”、“*Environment and Planning B*”和“*Environmental Research Letters*” 等环境方面的国际权威期刊，以及在《中国科学》，《中国图象图形学报》等国内外核心刊物上以第一作者发表多篇论文。以第一作者身份撰写国际同行评审的遥感权威教科书《*Remote Sensing Handbook*》的 “Urban Growth and Climatic Mapping of Mega Cities: Multi-Sensor Approach” 章节 (出版社：*Taylor and Francis*；主编：Dr. Prasad S. Thenkabail)。城市扩展方面的研究论文受到世界银行的高度评价，研究成果以图表的形式被采用于世界银行（*World Bank*）的 2021 年 3 月出版的报告书“*RICH Food, Smart City*”之中。

国际期刊 (*通讯作者)

1 Liang Zhang, **Hasi Bagan***, Chaomin Chen, Takahiro Yoshida. “Exploring the impact of urban

morphology on river cooling effects: A case study of the Arakawa river in Tokyo". *Ecological Indicators*, 2025, 172, 113288, https://doi.org/10.1016/j.ecolind.2025.113288. (SCI).

2 Chunling Bao,Yonghui Yang, **Hasi Bagan***, Qinxue Wang, Terigelehu Te, Bayarsaikhan Uudus, Mei Yong andTanghong Liao. "Dust Intensity Across Vegetation Types in Mongolia: Drivers and Trends". *Remote Sensing*, 2025, 17(3): 410; https://doi.org/10.3390/rs17030410. (SCI).

3 Terigelehu Te, Chunling Bao, **Hasi Bagan***, Yuxin Xie, Meihui Che, Takahiro Yoshida, Bayarsaikhan Uudus. "Mapping seamless monthly XCO2 in East Asia: Utilizing OCO-2 data and machine learning", *International Journal of Applied Earth Observation and Geoinformation*, 2024, 133, 104117, https://doi.org/10.1016/j.jag.2024.104117. (SCI).

4 Luwen Tan, Yuxin Xie, Chaomin Chen, **Hasi Bagan***, Takahiro Yoshida. "Urbanization and land subsidence: Multi-decadal investigation combined SBAS-InSAR and Multi-factors in Shanghai, China". *Geocarto International*, 2024, 39(1), 2391056. DOI: https://doi.org/10.1080/10106049.2024.2391056. (SCI).

5 Yuxin Xie, **Hasi Bagan***, Luwen Tan, Terigelehu Te, Amarsaikhan Damdinsuren and Qinxue Wang*. "Time-Series Analysis of Mining-Induced Subsidence in the Arid Region of Mongolia Based on SBAS-InSAR". Remote Sensing, 2024, 16(12): 2166. DOI: https://doi.org/10.3390/rs16122166. (SCI).

6 Terigelehu Te, **Hasi Bagan***, Meihui Che, Xinyan Hou, Bayarsaikhan Uudus. "Spatiotemporal variability of near-surface CO2 and its affecting factors over Mongolia", *Environmental Research*, 2023, 236(1), 116796, https://doi.org/10.1016/j.envres.2023.116796. (SCI).

7 Chaomin Chen, **Hasi Bagan***, Takahiro Yoshida. "Multiscale mapping of local climate zones in Tokyo using airborne LiDAR data, GIS vectors, and Sentinel-2 imagery", *GIScience & Remote Sensing*, 2023, 45. DOI: https://doi.org/10.1080/15481603.2023.2209970. (SCI).

8 Xinyan Hou, Xuan Xie, **Hasi Bagan***, Chaomin Chen, Qinxue Wang, and Takahiro Yoshida. "Exploring Spatiotemporal Variations in Land Surface Temperature Based on Local Climate Zones in Shanghai from 2008 to 2020", *Remote Sensing*, 2023, 15(12), 3106. https://doi.org/10.3390/rs15123106. (SCI).

9 Chaomin Chen, **Hasi Bagan***, Takahiro Yoshida, Habura Borjigin, Jun Gao. "Quantitative analysis of the building-level relationships between building form and land surface temperature using airborne LiDAR and thermal infrared data", *Urban Climate*, 2022, 45. DOI: https://doi.org/10.1016/j.uclim.2022.101248. (SSCI/ SCI).

10 Zhenglun Yang,Changyuan Tang, **Hasi Bagan**, Shunichi Satake, Madoka Orimo,K oichiro Fukumoto and Guangwei Wang. Groundwater Management in an Uncommon and Artificial Aquifer Based on Kc Approach and MODIS ET Products for Irrigation Assessment in a Subtropical Island. Remote Sensing, 2022, 14(24), 6304. https://doi.org/10.3390/rs14246304. (SCI).

11 Yoshie Ishii, **Hasi Bagan**, Koki Iwao, Tsuguki Kinoshita*. "A new land cover classification method using grade-added rough sets," *IEEE Geoscience and Remote Sensing Letters*, 2021, 18(1): 8-12. DOI: 10.1109/LGRS.2020.2965297. (SCI).

12 Chaomin Chen, **Hasi Bagan***, Xuan Xie, Yune La, Yoshiki Yamagata. "Combination of Sentinel-2 and PALSAR-2 for Local Climate Zone Classification: A Case Study of Nanchang, China," *Remote Sensing*, 2021, 13(10), 1902. https://doi.org/10.3390/rs13101902. (SCI).

13 **Hasi Bagan***, Andrew Millington, Wataru Takeuchi, Yoshiki Yamagata. "Spatiotemporal analysis of deforestation in the Chapare region of Bolivia using LANDSAT images," *Land Degradation & Development*, 2020, 31(18): 3024-3039. DOI: https://doi.org/10.1002/ldr.3692. (SCI).

14 Yune La, **Hasi Bagan***, Yoshiki Yamagata. "Urban land cover mapping under the Local Climate Zone scheme using Sentinel-2 and PALSAR-2 data," *Urban Climate*, 2020, 33. DOI: https://doi.org/10.1016/j.uclim.2020.100661. (SSCI/ SCI)

15 **Hasi Bagan***, Habura Borjigin, and Yoshiki Yamagata. "Assessing nighttime lights for mapping the urban areas of 50 cities across the globe," *Environment and Planning B: Urban Analytics and City Science*, 2019, 46(6), 1097-1114. DOI: https://doi.org/10.1177/2399808317752926. (SSCI).

16 Temulun Tangud*, Kenlo Nishida Nasahara, Habura Borjigin, **Hasi Bagan.** "Land-cover change in the Wulagai grassland, Inner Mongolia of China between 1986 and 2014 analysed using multi-temporal

Landsat images," *Geocarto International*, 2019, 34(11), 1237-1251. DOI: https://doi.org/10.1080/10106049.2018.1478457. (SCI).

17 Zhaoling Li, **Hasi Bagan***, Yoshiki Yamagata. "Analysis of spatiotemporal land cover changes in Inner Mongolia using self-organizing map neural network and grid cells method," *Science of the Total Environment*, 2018, 636: 1180-1191. DOI: https://doi.org/10.1016/j.scitotenv.2018.04.361. (SCI).

18 **Hasi Bagan***, Huilong Li, Yonghui Yang, Wataru Takeuchi, Yoshiki Yamagata. "The sensitivity of subspace method for land cover classification," *The Egyptian Journal of Remote Sensing and Space Sciences*, 2018, 21(3): 383-389. DOI: https://doi.org/10.1016/j.ejrs.2017.12.003. (ESCI).

19 Abdul Aziz Mohibbi, **Hasi Bagan**, Motoko Inatomi, Tsuguki Kinoshita*. "Land Cover Change in Bamyan, Afghanistan from 1990 to 2015: land degradation induced by lack of land management," *Japanese Journal of Farm Work Research*, 2018, 53(1): 15-32. DOI: 10.4035/jsfwr.53.15

20 **Hasi Bagan***, Ram Avtar, Hajime Seya, Huade Guan. "Mathematics in utilizing remote sensing data for investigating and modelling environmental problems," *Mathematical Problems in Engineering*, 2017, 7430658, DOI: https://doi.org/10.1155/2017/7430658. (SCI).

21 **Hasi Bagan***, Yoshiki Yamagata, "Analysis of urban growth and estimating population density using satellite images of nighttime lights and land-use and population data," *GIScience & Remote Sensing*, 2015, 52(6): 765-780. DOI: https://doi.org/10.1080/15481603.2015.1072400. (SCI).

22 **Hasi Bagan***, Yoshiki Yamagata, "Land-cover change analysis in 50 global cities by using a combination of Landsat data and analysis of grid cell," *Environmental Research Letters*, 2014, 9(6): 064015. doi:10.1088/1748-9326/9/6/064015. (SCI).

23 Tana Qian, **Hasi Bagan***, Tsuguki Kinoshita, Yoshiki Yamagata, "Spatial–temporal analyses of surface coal mining dominated land degradation in Holingol, Inner Mongolia," *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 2014, 7(5): 1675-1687. DOI: 10.1109/JSTARS.2014.2301152 (SCI).

24 Masato Hayashi*, Yoshiki Yamagata, Habura Borjigin, **Hasi Bagan**, Rikie Suzuki, and Nobuko Saigusa, "Forest biomass mapping with airborne LiDAR in Yokohama City, Japan," *Journal of the Japan Society of Photogrammetry and Remote Sensing*, 2013, 52(6): 306-315. DOI: 10.4287/jsprs.52.306

25 **Hasi Bagan***, Yoshiki Yamagata, "Landsat analysis of urban growth: How Tokyo became the world's largest megacity during the last 40 years," *Remote Sensing of Environment*, 2012, 127: 210–222. DOI: https://doi.org/10.1016/j.rse.2012.09.011. (SCI).

26 **Hasi Bagan***, Tsuguki Kinoshita, Yoshiki Yamagata, "Combination of AVNIR-2, PALSAR, and Polarimetric Parameters for Land Cover Classification," *IEEE Transactions on Geoscience and Remote Sensing*, 2012, 50(4): 1318–1328. DOI: https://doi.org/10.1109/TGRS.2011.2164806. (SCI).

27 **Hasi Bagan***, Yoshiki Yamagata, "Improved subspace classification method for multispectral remote sensing image classification," ***Photogrammetric Engineering and Remote Sensing (PE&RS)***, 2010, 7611): 1239-1251. DOI: https://doi.org/10.14358/PERS.76.11.1239. (SCI).

28 **Hasi Bagan***, Wataru Takeuchi, Tsuguki Kinoshita, Yuhai Bao, Yoshiki Yamagata. "Land cover classification and change analysis in the Horqin sandy land from 1975 to 2007," ***IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing***, 2010, 3(2): 168-177. DOI: https://doi.org/10.1109/JSTARS.2010.2046627. (SCI).

29 **Hasi Bagan***, Wataru Takeuchi, Yoshiki Yamagata, Xiaohui Wang, Yoshifumi Yasuoka. "Extended Averaged Learning Subspace Method for Hyperspectral Data Classification," *Sensors*, 2009, 9(6): 4247-4270. DOI: 10.3390/s90604247 (SCI).

30 Yoshiki Yamagata*, Wataru Takeuchi, **Hasi Bagan**, Akihiko Ito, Minaco Adachi, "Forest carbon mapping using remotely sensed disturbance history in Borneo," *IEEE Earthzine*, Sep.21, 2010.

31 **Hasi Bagan***, Yoshifumi Yasuoka, Takahiro Endo, Xiaohui Wang, Zhaosheng Feng, "Classification of Airborne Hyperspectral Data Based on the Average Learning Subspace Method," *IEEE Geoscience and Remote Sensing Letters*, 2008, 5(3): 368-372. DOI: 10.1109/LGRS.2008.915941 (SCI).

32 **Hasi Bagan**, Qinxue Wang*, Masataka Watanabe, Satoshi Kameyama, Yuhai Bao, "Land-cover Classification Using ASTER Multi-band Combinations Based on Wavelet Fusion and SOM Neural

Network," *Photogrammetric Engineering and Remote Sensing* (*PE&RS*), 2008, 74(3): 333-342. DOI: https://doi.org/10.14358/PERS.74.3.333. (SCI).

33 **Hasi Bagan***, Qinxue Wang, Yonghui Yang, Yoshifumi Yasuoka, Yuhai Bao, "Land cover classification using moderate resolution imaging spectrometer-enhanced vegetation index time-series data and self-organizing map neural network in Inner Mongolia, China," *Journal of Applied Remote Sensing*, 2007, 1, 013545. DOI: https://doi.org/10.1117/1.2819344 (SCI).

34 **Hasi Bagan***, Qinxue Wang, Yoshifumi Yasuoka, Masataka Watanabe, "Synergetic use of MODIS, ASTER and Landsat data for land cover classification and its calibration in north China," *Asian Journal of Geoinformatics*, 2007, 7(3): 15-20.

35 **Hasi Bagan***, Qinxue Wang, Masataka Watanabe, Yonghui Yang, Jianwen Ma, "Land cover classification from MODIS EVI times-series data using SOM neural network," *International Journal of Remote Sensing*, 2005, 26(22): 4999-5012. DOI: https://doi.org/10.1080/01431160500206650 (SCI).

36 **Hasi Bagan***, Ma Jianwen, Li Qiqing, Chen Xue, Dai Qin, "Remote Sensing Data Classification Based on Tolerant Rough Set and Neural Network," *Science in China Series D - Earth Science*, 2004, 34(10): 967-974. (Chinese version)

Jianwen Ma, **Hasi Bagan**, "Remote Sensing Data Classification Based on Tolerant Rough Set and Neural Network," *Science in China Series D: Earth Sciences* , 2005, 48(12): 2251-2259. DOI: 10.1360/03yd0514 (SCI).

37 **Hasi Bagan***, Ma Jianwen, Li Qiqing, Han Xiuzhen, Liu Zhili, "Self-organizing feature map neural network classification of the ASTER data based on wavelet fusion," *Science in China Series D: Earth Sciences*, 2004, 47(7): 651 – 658. DOI: 10.1360/03yd0411 (SCI).

38 Jianwen Ma*, **Hasi Bagan**, "Land-use classification using ASTER data and self-organized neutral networks," *International Journal of Applied Earth Observation and Geoinformation*, 2005, 7(3): 183-188. DOI: https://doi.org/10.1016/j.jag.2005.01.003 (SCI).

39 Jianwen Ma *, Han Xiuzhen, **Hasibagan**, Wang CL, Zhang YL, Tang JY, Xie ZY, Deveson TMonitoring, "Monitoring East Asian migratory locust plagues using remote sensing data and field investigations," *International Journal of Remote Sensing*, 2005, 26(3): 629-634. DOI: https://doi.org/10.1080/01431160310001595019 (SCI).

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40 **哈斯巴干***. "新型コロナ禍における中国上海の大学対応状況について", 写真測量とリモートセンシング, 2021,60(4):217~220.

41 Wudabalaqiqige*, Tetsuji Ito, **Hasi Bagan**, Yuji Kuwahara, "Analysis of Natural and Social Environment Issue in Arhorchin Banner, Inner Mongolia," *Journal of applied survey technology*, 2016, 27: 131-142. (Wudabalaqiqige、伊藤 哲司、**Hasi Bagan**、桑原 祐史. "内モンゴルアルホルチン旗を対象とした自然・社会環境問題の分析", 応用測量論文集, 第 27 巻, 131-142, 2016).

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42 廖堂宏，**哈斯巴干***. "基于 Google Earth Engine 的 1985 年~2023 年蒙古国地表水体的时空变化分析"， 红外，2025, 46(1):45-52. Doi: 10.3969/j.issn.1672-8785.2025.01.006

43 侯欣言，**哈斯巴干***，特日格勒呼"基于 GOSAT-2 卫星的中国 XCO2 时空分布特征分析"， 红外，2023, 44(8):42-48. Doi: 10.3969/j.issn.1672-8785.2023.08.006

44 陈曦，陈超民，**哈斯巴干***，吉田崇紘. "城市内部结构和人口密度对地表温度空间变化的影响—以东京新宿区为例"， 红外，2022, 43(7): 34-40. Doi: 10.3969/j.issn.1672-8785.2022.07.006

45 谭路文，**哈斯巴干***，陈超民，谢璇. "基于深度学习的无人机遥感影像车辆检测"， 红外，2022, 43(5): 41-48. Doi: 10.3969/j.issn.1672-8785.2022.05.007

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48 戴芹, 马建文, 欧阳赟, 哈斯巴干. “利用贝叶斯网络进行遥感变化检测”,中国图象图形学报, 2005, 10(6): 41-45.

49 哈斯巴干，马建文，李启青，陈雪，戴芹，“容差粗糙集与神经网络结合的遥感数据分类方法”，中国科学 (D 辑:地球科学)，2004, 34(10): 967 - 974.

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七、学术会议报告和论文

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奖励和荣誉

A) 2013 Mawson Lakes Foundation Fellowship, *Australia*
B) 2006 The Best Poster Presentation Award, *the 27th Asian Conference on Remote Sensing*
C) 2006 Grant-In-Aid for Scientific Research, *Japan Society for the Promotion of Science*

指导的研究生获奖

1 谢雨欣，2024 年度，硕士研究生国家优秀奖学金
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6 陈曦: 上海市红外与遥感学会 2021 年年会“优秀论文奖”: “东京建筑密度、高度、地表温度和人口密度之间的定量分析”, 2021 年 11 月 25 日

7 陈曦: The 42nd Asian Conference on Remote Sensing，“优秀论文奖”:“Quantitative analysis of relationships among building density, height, land surface temperature, and population density in Tokyo”, 2021 年 11 月 22-24 日 (Can Tho, 越南)
8 谢璇:上海市红外与遥感学会 2020 年年会“优秀论文奖”: “城市化引起的土地覆被变化时空分析—以长三角生态绿色一体化发展示范区为例”, 2021 年 12 月 9 日

所属学会

1) 上海市红外与遥感学会 理事
2) IEEE Geoscience and Remote Sensing Society
3) Japan Society of Photogrammetry and Remote Sensing
4) Remote Sensing Society of Japan
5) American Geophysical Union

科研基金评审

1) 中国国家自然科学基金面上项目 评审专家
2) 比利时 Belgian Earth Observation Research Programmee (STERO II proposal) 评审专家

成果应用

世界银行 2021 报告: Acharya, Gayatri; Cassou, Emilie; Jaffee, Steven; Ludher, Elyssa Kaur. 2021. ***RICH Food, Smart City***: *How Building Reliable*, *Inclusive*, *Competitive*, and *Healthy Food Systems is Smart Policy for Urban Asia*. **World Bank**, Washington, DC. https://openknowledge.worldbank.org/handle/10986/35137

国际学术期刊审稿

1) Applied Energy
2) Arid Land Research and Management
3) Asian Journal of Geoinformatics
4) Canadian Journal of Remote Sensing
5) Catena
6) Computers, Environment and Urban Systems
7) Ecological Engineering
8) European Journal of Remote Sensing
9) European Journal of Soil Science
10) Environment and Planning B
11) Geocarto International
12) GIScience & Remote Sensing
13) IEEE Access
14) IEEE Geoscience and Remote Sensing Letters
15) IEEE Journal of Selected Topics in Earth Observations and Remote Sensing
16) IEEE Transactions on Geoscience and Remote Sensing
17) IEEE Transactions on Image Processing
18) IEICE Trans.Fundamentals/Commun./Electron./Inf. & Syst
19) International Journal of Applied Earth Observation and Geoinformation
20) International Journal of Digital Earth
21) International Journal of Information Technology & Decision Making
22) International Journal of Remote Sensing
23) ISPRS Journal of Photogrammetry and Remote Sensing
24) Journal of African Earth Sciences
25) Journal of Earth System Science
26) Journal of Earth Science & Climatic Change
27) Journal of Mathematical Analysis and Applications
28) Journal of Urban Management
29) Landscape and Urban Planning
30) Land Degradation & Development
31) Mathematical Problems in Engineering
32) Photogrammetric Engineering and Remote Sensing
33) Remote Sensing
34) Remote Sensing Applications
35) Remote Sensing Letters
36) Remote Sensing of Environment
37) Scientific Reports
38) Sensors
39) Sustainability
40) Urban Climate
41) Water resource research
42) Humanities & Social Sciences Communications