## T2401-UHI综合

1. Exploring the spatial heterogeneity of urban heat island effect and its relationship to block morphology with the geographically weighted regression model
2. Contrasting moist heat across local climate zones in heat and non-heat waves: Insights from 29 Chinese metropolises
3. Modelling the diurnal variations of urban heat islands with multi-source satellite data
4. Do industrial parks generate intra-heat island effects in cities? New evidence, quantitative methods, and contributing factors from a spatiotemporal analysis of top steel plants in China【工业用地与UHI】【up240303】
5. Seasonal analysis of land surface temperature using local climate zones in peak forest basin topography: A case study of Guilin【up240303】
6. Effectiveness of urban surface characteristics as mitigation strategies for the excessive summer heat in cities【up240303】
7. Influence of underlying surface change caused by urban renewal on land surface temperatures in Central Guangzhou【up240303】
8. Quantifying urban heat exposure at fine scale - modeling outdoor and indoor temperatures using citizen science and VHR remote sensing【城市气温建模】
9. Large humidity effects on urban heat exposure and cooling challenges under climate change

## T2402-气候变化对UHI的影响

1. Heat stress increase under climate change twice as large in cities as in rural areas: A study for a densely populated midlatitude maritime region

## T2403-热暴露相关

### S01-热暴露

1. 【不重要】Multi-city assessments of human exposure to extreme heat during heat waves in the United States
2. Assessment of heat exposure in cities: Combining the dynamics of temperature and population【基于MODIS计算气温】
3. Heat exposure assessment based on high-resolution spatio-temporal data of population dynamics and temperature variations【动态人口，滞后效应】
4. Diurnal heat exposure risk mapping and related governance zoning: A case study of Beijing, China
5. Population exposure to concurrent daytime and nighttime heatwaves in Huai River Basin, China【温度超过阈值的累积值】
6. 【重要】Heat vulnerability caused by physical and social conditions in a mountainous megacity of Chongqing, China
7. How urban ecological land affects resident heat exposure: Evidence from the mega-urban agglomeration in China【up240304】【重要】
8. Diurnal dynamics of heat exposure in Xi'an: A perspective from local climate zone【up240304】
9. Methods to assess heat exposure: A comparison of fine-scale approaches within the German city of Karlsruhe【up240304】
10. Key areas and measures to mitigate heat exposure risk in highly urbanized city: A case study of Beijing, China【up240304】
11. Assessment of heat exposure in cities: Combining the dynamics of temperature and population【up240304】
12. Diurnal heat exposure risk mapping and related governance zoning: A case study of Beijing, China【up240304】
13. Personal assessment of urban heat exposure: a systematic review【up240304】【综述】
14. Population exposure to concurrent daytime and nighttime heatwaves in Huai River Basin, China【昼夜】
15. Spatial contrasts and temporal changes in fine-scale heat exposure and vulnerability in the Paris region【死亡率】
16. Spatiotemporal analysis of regional socio-economic vulnerability change associated with heat risks in Canada

### S02- Cooling degree days

1. Temporal characteristics of urban heat island and its response to heat waves and energy consumption in the mountainous Chongqing, China
2. Hourly air temperature projection in future urban area by coupling climate change and urban heat island effect【基于气候变化预测模型】
3. Future heating and cooling degree days for Belgium under a high-end climate change scenario【考虑气候变化】

### S03-路线热暴露

1. Heat exposure variations and mitigation in a densely populated neighborhood during a hot day: Towards a people-oriented approach to urban climate management

## T2404-供需关系

### S01-热缓解的供需关系

1. A supply-demand model of vegetation cooling for urban heatwave mitigation【基于遥感LST】
2. Analysis of Supply-Demand Relationship of Cooling Capacity of Blue-Green Landscape under the Direction of Mitigating Urban Heat Island【基于遥感LST】
3. Mapping the gaps between cooling benefits of urban greenspace and population heat vulnerability
4. Differing spatial patterns of the urban heat exposure of elderly populations in two megacities identifies alternate adaptation strategies【up240308】

### S02-生态系统服务的供需关系

1. Balancing demand and supply of multiple urban ecosystem services on different spatial scales
2. 【重要】Fine-scale mapping of urban ecosystem service demand in a metropolitan context: A population-income-environmental perspective【K-means聚类】【up240308】
3. Mapping demand and supply of functional niches of urban green space
4. Understanding supply-demand mismatches in ecosystem services and interactive effects of drivers to support spatial planning in Tianjin metropolis, China【驱动因素的交互作用】
5. Did improvements of ecosystem services supply-demand imbalance change environmental spatial injustices?【公平性】
6. Assessment of ecosystem service flow and optimization of spatial pattern of supply and demand matching in Pearl River Delta, China【生态系统服务流】
7. Urbanization impact on the supply-demand budget of ecosystem services: Decoupling analysis
8. Spatially heterogeneity response of ecosystem services supply and demand to urbanization in China
9. Identification of ecosystem services supply and demand areas and simulation of ecosystem service flows in Shanghai
10. Defining and classifying ecosystem services for decision making【生态系统服务定义】
11. A social-ecological network approach to quantify the supply-demand-flow of grain ecosystem service【生态系统服务流】
12. Distributional environmental justice of residential walking space: The lens of urban ecosystem services supply and demand
13. Mapping the gaps between cooling benefits of urban greenspace and population heat vulnerability【重要】
14. Mapping the gaps between cooling benefits of urban greenspace and population heat vulnerability【up240303】
15. The influence of local background climate on the dominant factors and threshold-size of the cooling effect of urban parks【up240303】【背景气候】
16. Monitoring ecosystem services in the Guangdong-Hong Kong-Macao Greater Bay Area based on multi-temporal deep learning【up240308】
17. 成渝地区双城经济圈生态系统服务时空演变及生态网络格局研究【up240308】
18. Mapping supply of and demand for ecosystem services to assess environmental justice in New York City【up240308】
19. Identifying Urban Flood Regulation Priority Areas in Beijing Based on an Ecosystem Services Approach【up240308】

### S03-供需关系流OR生态服务流

1. Identification of ecosystem services supply and demand areas and simulation of ecosystem service flows in Shanghai

## T2405-冷源/汇

1. 【重要】Socioeconomic disparities in cooling and warming efficiencies of urban vegetation and impervious surfaces
2. 【重要】Linking potential heat source and sink to urban heat island: Heterogeneous effects of landscape pattern on land surface temperature
3. Response of summer Land surface temperature of small and medium-sized cities to their neighboring urban spatial morphology
4. 【重要】Optimizing the spatial pattern of the cold island to mitigate the urban heat island effect
5. Surface urban heat island mitigation network construction utilizing source-sink theory and local climate zones
6. Detecting the tipping point between heat source and sink landscapes to mitigate urban heat island effects

## T2406-蓝绿空间热效应

### S01-综合

1. 【不重要】Configuration characteristics of green-blue spaces for efficient cooling in urban environments
2. A study of physical factors influencing park cooling intensities and their effects in different time of the day
3. Quantification and mapping of the cooling effect of urban parks on the temperate monsoon climate zone
4. Cool island effects of urban remnant natural mountains for cooling communities: A case study of Guiyang, China
5. Optimizing urban greenspace spatial pattern to mitigate urban heat island effects: Extending understanding from local to the city scale
6. Estimating the cooling effect magnitude of urban vegetation in different climate zones using multi-source remote sensing【遥感，跨气候区】
7. 【综述】Landscape metrics in assessing how the configuration of urban green spaces affects their cooling effect: A systematic review of empirical studies
8. 【综述】Quantifying tree canopy coverage threshold of typical residential quarters considering human thermal comfort and heat dynamics under extreme heat
9. Configuration characteristics of green-blue spaces for efficient cooling in urban environments
10. A novel approach to examining the optimal use of the cooling effect of water bodies in urban planning
11. A new method for evaluating the synergistic effect of urban water body and vegetation in the summer outdoor thermal environment
12. Quantifying the cooling effect of urban heat stress interventions
13. Evaluation of energy saving potential of an urban green space and its water bodies
14. Urban green infrastructures to improve pedestrian thermal comfort: A systematic review
15. A clustering review of vegetation-indicating parameters in urban thermal environment studies towards various factors
16. A review of the impact of the green landscape interventions on the urban microclimate of tropical areas
17. Review on the impact of urban geometry and pedestrian level greening on outdoor thermal comfort
18. Revisiting the cooling effects of urban greening: Planning implications of vegetation types and spatial configuration
19. Critical review on the cooling effect of urban blue-green space: A threshold-size perspective
20. A review of the impact of the green landscape interventions on the urban microclimate of tropical areas【不重要，偏微观】
21. Optimized greenery configuration to mitigate urban heat: A decade systematic review
22. Assessing the thermal comfort effects of green spaces: A systematic review of methods, parameters, and plants’ attributes
23. Assessment of heat mitigation capacity of urban greenspaces with the use of InVEST urban cooling model, verified with day-time land surface temperature data
24. A uniform methodology of local cooling and warming effects for different urban site types: multi-perspective assessment based on four northern Chinese cities【up240303】
25. How can urban parks be planned to maximize cooling effect in hot extremes? Linking maximum and accumulative perspectives【up240303】
26. Quantification and mapping cooling effect and its accessibility of urban parks in an extreme heat event in a megacity【up240303】【重要】
27. Quantifying the cooling effect of urban green space: A case from urban parks in a tropical mega metropolitan area (India)【up240303】
28. A simple and easy method to quantify the cool island intensity of urban greenspace【up240303】【缓冲区设置】
29. Using buffer analysis to determine urban park cooling intensity: Five estimation methods for Nanjing, China【up240305】【缓冲区设置】【公园】
30. Effects of climates and physical variables of parks on the radius and intensity of cooling of the surrounding settlements【up240303】
31. How urban parks and their surrounding buildings affect seasonal land surface temperature: A case study in Beijing, China【普通】【up240303】
32. Cooling effects of wetland parks in hot and humid areas based on remote sensing images and local climate zone scheme【up240303】【LCZ】
33. Spatialized importance of key factors affecting park cooling intensity based on the park scale【up240303】【全省尺度】
34. Sensing-based park cooling performance observation and assessment: A review【综述】【重点】【up240303】
35. Tree species richness and diversity predicts the magnitude of urban heat island mitigation effects of greenspaces【物种相关指标的影响】【up240303】
36. Studies on urban park cooling effects and their driving factors in China: Considering 276 cities under different climate zones【不同气候区】【up240303】
37. Park cool island and built environment. A ten-year evaluation in Parque Central, Mendoza-Argentina【up240303】
38. Climate gentrification along with parks’ cooling performance in one of China’s tropical industrial cities【up240303】【气候高档化】
39. Spatio-temporal analysis of the urban green infrastructure of the city of Granada (Spain) as a heat mitigation measure using high-resolution images Sentinel 3【TsHARP算法计算LST】【up240303】
40. Exploring the impacts of greenspace spatial patterns on land surface temperature across different urban functional zones: A case study in Wuhan metropolitan area, China 【up240303】【UFZ】
41. Influences of wind direction on the cooling effects of mountain vegetation in urban area 【up240303】【风况影响】
42. Cooling and humidification effects of coniferous and broad-leaved plant communities in urban park【up240303】
43. Urban cooling factors: Do small greenspaces outperform building shade in mitigating urban heat island intensity?【up240303】【植被与阴影】
44. The relationship between spatial configuration of urban parks and neighbourhood cooling in a humid subtropical city【up240303】
45. Effects of local background climate on urban vegetation cooling and humidification: Variations and thresholds【up240303】【背景气候】
46. Factors Affecting the High-Intensity Cooling Distance of Urban Green Spaces: A Case Study of Xi’an, China【up240306】
47. Assessing the cold island effect of urban parks in metropolitan cores: a case study of Hangzhou, China【up240308】
48. Landscape metrics in assessing how the configuration of urban green spaces affects their cooling effect: A systematic review of empirical studies

### S02-气象监测

1. Large urban parks summertime cool and wet island intensity and its influencing factors in Beijing, China【重要】
2. Cooling effect of the pocket park in the built-up block of a city: a case study in Xi’an, China
3. Diurnal pattern and driving mechanisms of the thermal effects of an urban pond
4. A study of physical factors influencing park cooling intensities and their effects in different time of the day【一天内时间变化】
5. Applicability of mobile-measurement strategies to different periods: A field campaign in a precinct with a block park【西安】
6. Street-level urban heat island mitigation: Assessing the cooling effect of green infrastructure using urban IoT sensor big data【重要】【up240303】
7. Cooling ranges for urban heat mitigation: continuous cooling effects along the edges of small greenspace
8. Spatial-temporal pattern in the cooling effect of a large urban forest and the factors driving it【重要】【up240303】
9. How can urban parks be planned to mitigate urban heat island effect in “Furnace cities” ? An accumulation perspective【up240303】【基于公园类型的聚类效应】
10. Seasonal impacts of built environment and its interactions on urban park cooling effects in Nanjing, China【up240303】【综合多个指标】【Geographical detector】
11. Applicability of mobile-measurement strategies to different periods: A field campaign in a precinct with a block park【up240303】

### S03-建模

1. Does size matter? Modelling the cooling effect of green infrastructures in a megacity during a heat wave【基于数值模型，中尺度】
2. Numerical simulation of cooling effect of vegetation enhancement in a subtropical urban park【基于数值模型，微尺度】
3. Linking urban park cool island effects to the landscape patterns inside and outside the park: A simultaneous equation modeling approach【基于遥感数据，传统统计方法】
4. 【重要】Using green to cool the grey: Modelling the cooling effect of green spaces with a high spatial resolution【基于实测对气温建模】
5. 【重要】Influence of urban form on the cooling effect of a small urban river【基于实测对降温指标建模】
6. Assessment of heat mitigation capacity of urban greenspaces with the use of InVEST urban cooling model, verified with day-time land surface temperature data【基于数值模型，微尺度】【up240303】
7. Quantification and mapping of the cooling effect of urban parks on the temperate monsoon climate zone【mapping】
8. Toward park design optimization to mitigate the urban heat Island: Assessment of the cooling effect in five U.S. cities【拟合到高斯表面】

### S04-热舒适

1. Planning method of centralized greening in high-rise residential blocks based on improvement of thermal comfort in summer

### S05-绿地降温与LCZ

1. Seasonal Cooling Effect of Vegetation and Albedo Applied to the LCZ Classification of Three Chinese Megacities
2. Cooling effects of wetland parks in hot and humid areas based on remote sensing images and local climate zone scheme

### S06-降温距离

1. The effect of graduated urban park size on park cooling island and distance relative to land surface temperature (LST)

### S07-溢出效应

1. Factors Affecting the High-Intensity Cooling Distance of Urban Green Spaces: A Case Study of Xi’an, China
2. The effect of graduated urban park size on park cooling island and distance relative to land surface temperature (LST)

### S08-降温效率

1. How to cool hot-humid (Asian) cities with urban trees? An optimal landscape size perspective
2. Critical review on the cooling effect of urban blue-green space: A threshold-size perspective
3. How can urban green spaces be planned for climate adaptation in subtropical cities?
4. The influence of local background climate on the dominant factors and threshold-size of the cooling effect of urban parks

### S09-湿地公园

1. Analysis of urban wetland park cooling effects and their potential influence factors: Evidence from 477 urban wetland parks in China

### S10-降温指标的比较

1. How to quantify the cooling effect of urban parks? Linking maximum and accumulation perspectives

### S11-湿度影响

1. Effects of local background climate on urban vegetation cooling and humidification: Variations and thresholds

## T2407-温度与景观指标的关系：

### S01-综合

1. 【综述】Landscape metrics in assessing how the configuration of urban green spaces affects their cooling effect: A systematic review of empirical studies
2. The cooling and energy saving effect of landscape design parameters of urban park in summer: A case of Beijing, China

### S02-基于气温

1. Influence of a large urban park on the local urban thermal environment
2. Effects of urban planning indicators on urban heat island: a case study of pocket parks in high-rise high-density environment
3. Large urban parks summertime cool and wet island intensity and its influencing factors in Beijing, China【重要】【up240303】
4. Assessing the effects of landscape design parameters on intra-urban air temperature variability: The case of Beijing, China
5. Differential cooling effects of landscape parameters in humid-subtropical urban parks

### S03-基于遥感

1. Ordinary least squares modelling of urban heat island intensity based on landscape composition and configuration: A comparative study among three megacities along the Yangtze River【基于遥感数据，建模】

### S04-非线性

1. Quantifying the nonlinear relationship between block morphology and the surrounding thermal environment using random forest method

## T2408-温度/热指标mapping

### S01-基于气温

1. Modelling the spatial pattern of heatwaves in the city of Bern using a land use regression approach【基于气温测量和Multilinear regression LUR modelling】
2. Mapping the time-varying spatial heterogeneity of temperature processes over the urban landscape of Augsburg, Germany
3. Land cover aware temperature correction of bicycle transects: A case study of mapping the air temperature in two Belgian cities
4. Mapping maximum urban air temperature on hot summer days

### S02-基于遥感

1. Satellite-based mapping of the Universal Thermal Climate Index over the Yangtze River Delta urban agglomeration
2. A satellite-based approach for thermal comfort simulation: A case study in the GBA

### S03-基于模型

1. Modeling intra-urban differences in thermal environments and heat stress based on local climate zones in central Wuhan

## T2409-绿地供应

1. A simple but actionable metric for assessing inequity in resident greenspace exposure【基尼指数】
2. Evaluating the disparities in urban green space provision in communities with diverse built environments: The case of a rapidly urbanizing Chinese city

## T2410-LCZ

1. Contrasting moist heat across local climate zones in heat and non-heat waves: Insights from 29 Chinese metropolises

## T2411-热舒适

### S01-综合

1. Contrasting moist heat across local climate zones in heat and non-heat waves: Insights from 29 Chinese metropolises【不同LCZ的湿热效应比较】
2. Identifying sensitive population associated with summer extreme heat in Beijing
3. 【综述】The perception, optimization strategies and prospects of outdoor thermal comfort in China: A review
4. 【综述】A comprehensive review of thermal comfort studies in urban open spaces
5. 【综述】A comprehensive review of outdoor thermal comfort in urban areas: Effective parameters and approaches
6. 【综述】A review of mitigating strategies to improve the thermal environment and thermal comfort in urban outdoor spaces
7. Outdoor thermal comfort by different heat mitigation strategies- A review
8. Satellite image analysis of thermal comfort for a sustainable urban ecology of Winneba, Ghana【遥感】

### S02-影响因子

1. Coupling relationships between urban form and performance of outdoor environment at the pedestrian level

## T2412-空间连接度

1. A cold island connectivity and network perspective to mitigate the urban heat island effect
2. Measuring Spatial Connectivity between patches of the heat source and sink (SCSS): A new index to quantify the heterogeneity impacts of landscape patterns on land surface temperature
3. A landscape connectivity model to quantify contributions of heat sources and sinks in urban regions

## T2413-主观热感知

1. Climatic and Economic Background Determine the Disparities in Urbanites’ Expressed Happiness during the Summer Heat
2. How parks provide thermal comfort perception in the metropolitan cores; a case study in Madrid Mediterranean climatic zone

## T2414-能耗

1. Incorporating residual temperature and specific humidity in predicting weather-dependent warm-season electricity consumption
2. The cooling and energy saving effect of landscape design parameters of urban park in summer: A case of Beijing, China

## T2415-健康

1. Links between green space and public health: a bibliometric review of global research trends and future prospects from 1901 to 2019
2. Evaluation of energy saving potential of an urban green space and its water bodies
3. Urban green space and health: The role of thermal comfort on the health benefits from the urban green space; a review study

## T2416-热浪与极端热胁迫

1. Estimating summertime heat stress in a tropical Indian city using Local Climate Zone (LCZ) framework

## T2417-城市热的源汇理论

1. 【重要】Liu, T., Ouyang, S., Gou, M., Tang, H., Liu, Y., Chen, L., ... & Xiang, W. (2023). Detecting the tipping point between heat source and sink landscapes to mitigate urban heat island effects. Urban Ecosystems, 26(1), 89-100.
2. 【重要】Zhao, H., Zhang, H., Miao, C., Ye, X., & Min, M. (2018). Linking heat source–sink landscape patterns with analysis of urban heat islands: Study on the fast-growing Zhengzhou City in Central China. *Remote Sensing*, *10*(8), 1268.
3. Linking potential heat source and sink to urban heat island: Heterogeneous effects of landscape pattern on land surface temperature
4. 【重要】What controls the magnitude of the daytime heat sink in a desert city?
5. Surface urban heat island mitigation network construction utilizing source-sink theory and local climate zones
6. Dynamics and controls of urban heat sink and island phenomena in a desert city: Development of a local climate zone scheme using remotely-sensed inputs
7. Mokhtari, Z., Barghjelveh, S., Sayahnia, R., Karami, P., Qureshi, S., & Russo, A. (2022). Spatial pattern of the green heat sink using patch-and network-based analysis: Implication for urban temperature alleviation. *Sustainable Cities and Society*, *83*, 103964.
8. Coseo, P., & Larsen, L. (2014). How factors of land use/land cover, building configuration, and adjacent heat sources and sinks explain Urban Heat Islands in Chicago. *Landscape and Urban Planning*, *125*, 117-129.
9. Liu, F., Zhang, X., Murayama, Y., & Morimoto, T. (2020). Impacts of land cover/use on the urban thermal environment: a comparative study of 10 megacities in China. *Remote Sensing*, *12*(2), 307.
10. Alghamdi, A. S., Alzhrani, A. I., & Alanazi, H. H. (2021). Local climate zones and thermal characteristics in Riyadh City, Saudi Arabia. *Remote Sensing*, *13*(22), 4526.
11. Urban heat islands and landscape heterogeneity: linking spatiotemporal variations in surface temperatures to land-cover and socioeconomic patterns

## T2418-生态系统服务相关

### S01-可达性

1. Supply-demand relationship and spatial flow of urban cultural ecosystem services: The case of Shenzhen, China【up240302】
2. Taking one step further – Advancing the measurement of green and blue area accessibility using spatial network analysis【绕行分析】【up240302】
3. Quantification and mapping cooling effect and its accessibility of urban parks in an extreme heat event in a megacity【up240302】
4. Cooling effect and cooling accessibility of urban parks during hot summers in China's largest sustainability experiment【up240302】
5. A comprehensive framework of cooling effect-accessibility-urban development to assessing and planning park cooling services【降温效果，可达性等的综合】【up240302】
6. Assessing heat risk for residents of complex urban areas from an accessibility-based perspective【重要】【up240302】
7. Decrease in the residents’ accessibility of summer cooling services due to green space loss in Chinese cities【up240302】
8. Cooling effect and cooling accessibility of urban parks during hot summers in China's largest sustainability experiment【up240303】【绿地降温】
9. Space poverty driving heat stress vulnerability and the adaptive strategy of visiting urban parks
10. Valuing carbon saving potential of urban parks in thermal mitigation: Linking accumulative and accessibility perspectives【累积】【up240303】

### S02-公平性

1. Allocation equity of regulating ecosystem services from blue-green infrastructures: A case study of street blocks in Wuhan central city

## T2419-高温

### S01-绿地降温

1. The roles of surrounding 2D/3D landscapes in park cooling effect: Analysis from extreme hot and normal weather perspectives【up240303】【机器学习】