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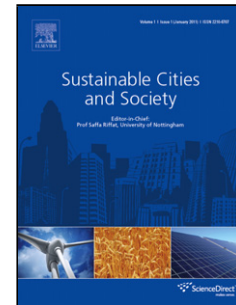
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Urban morphology and landscape structure effect on land surface temperature: An evidence from a semi-arid city, Shiraz

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Highlights

- Spectral, landscape and morphological variables had relatively strong correlation with LST.
- Bare lands, industrial and green spaces had a remarkable negative effect on LST.
- Residential areas with moderate and high building density alleviated the surface temperature.
- Dense gardens, lower road density, and more developed districts declined LST.

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