

日緑工誌, J. Jpn. Soc. Reveget. Tech., 49 (4) ,
360—363, (2024)

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i-Tree Cool Air ̂ ̂ ̂

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Tree cover, % ̂ ≠ Impervious cover, %
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㊦ Multi-Resolution Land Cover Consortium
(MRLC) National Land Cover Database
(NLCD) ㊨ ㊩ ㊨
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Land cover
 


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* (㉔) ≡ (Corresponding author) 606-8502 ㉔ ㉔ ㉔ ㉔
E-mail tamura.iori.82z@st.kyoto-u.ac.jp

特集「i-Tree による生態系サービス評価—実務での活用事例と日本
発の新規機能実装への展望—」 361

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17 NLCD Water Developed

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Barren Forest Shrubland Herbaceous Planted

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/Cultivated Wetlands³ 20

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ArcGIS Pro Spatial Analyst

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Code Classification description

11 Open Water

韭-2 NLCD

12 Perennial Ice/Snow

Reclassified to NLCD

21 Developed, Open Space

22 Developed, Low Intensity

0100 ◎ 82

23 Developed, Medium Intensity

0200 ps 82

24 Developed, High Intensity

0500 43

31 Barren Land (Rock/Sand/Clay)

0600 31

41 Deciduous Forest

0701 J 24

42 Evergreen Forest

0702 23

43 Mixed Forest

0703 J 22

51 Dwarf Scrub

0704 J 24

52 Shrub/Scrub

0901 (夜) 24

71 Grassland/Herbaceous

0902 24

72 Sedge/Herbaceous

1001 夕 21

73 Lichens

1002 * 21

74 Moss

1003 ≈ 21

81 Pasture/Hay

1100 'E< † 11

82 Cultivated Crops

1400 31

90 Woody Wetlands

1500 11

95 Emergent Herbaceous Wetlands

1600 21

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Nowak (2022) Variation in estimates of heat-related mortality reduction due to tree cover in U.S. cities. Journal of Environmental Management, 301

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