Tree Mapping Workshop Links

Below are the various links and references provided during the workshop along with an explanation of the various acronyms.

Vision for the Built Environment
https://indd.adobe.com/view/f2092c85-cd16-4186-9035-e2a63adc2bf9
https://www.visionforbuiltenvironment.com/

Intersecting urban forestry and botanical gardens to address big challenges for healthier trees, people, and cities
https://nph.onlinelibrary.wiley.com/doi/full/10.1002/ppp3.38

PSGA - the Public Sector Geospatial Agreement gives access to OS data for all public sector organisations:
https://www.gov.uk/government/news/government-announces-new-10-year-public-sector-geospatial-agreement-with-ordnance-survey

Exploration Licenses
https://www.gov.uk/government/news/geospatial-commission
Making-geospatial-data-more-accessible all 6 Partner Bodies of the Geospatial Commission are making data available for experimentation and testing

National Underground Asset Register will be available to all Local Authorities when undertaking works.
https://www.gov.uk/guidance/national-underground-asset-register-nuar

UK Ward Canopy Cover Map
https://forestry.maps.arcgis.com/apps/webappviewer/index.html?id=d8c253ab17e1412586d9774d1a09fa07

Great Glasgow tree canopy analysis:
https://twitter.com/max_ccf/status/1512377526273945602/photo/1

Open Trees Map
http://opentrees.org/#pos=1/-37.8/145

TreePlotter Inventory
https://uk.pg-cloud.com/BTP/

Birmingham's Urban Forest
https://cem.pg-cloud.com/BTP#tree-map=9/52.4738/-1.8834&canopy-map=9/52.4738/-1.8834

Birmingham Tree Map
https://uk.pg-cloud.com/BTP/

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Forest Research Individual Tree Data Standard
https://www.forestresearch.gov.uk/research/quantification-and-valuation-of-benefits-provided-by-urban-trees/individual-tree-data-standard/

CEH Land Cover Maps
https://catalogue.ceh.ac.uk/documents/c0078881-7d5a-4641-91e2-c271426bc8a1

Land App
https://thelandapp.com/

Urban Forestry Article
https://www.mapscape.co.uk/2021/06/21/how-urban-forestry-is-turning-smart/

Woodland Trust Ancient Tree Inventory
https://ati.woodlandtrust.org.uk/tree-search/?v=2080734&ml=map&z=13&nwLat=53.41167172870027&nwLng=-1.6165979852295287&seLat=53.3505423925354&seLng=-1.3235720147705443

Woodland Trust – Tree Equality with American Forests mapping system
https://www.woodlandtrust.org.uk/protecting-trees-and-woods/campaign-with-us/tree-equality/?gclid=CjwKCAjwwdWVBhA4EiwAjcYJEL6oDiZq1bhG-m19BHgCrL0b5iF3cUX75SCzsUOBL4WqseUisl3tphoC-NsQAvD_BwE&gclsrc=aw.ds

ESRI Living Atlas
https://www.arcgis.com/apps/mapviewer/index.html?layers=faabec3ed06e443d978e6b63e27f3b11

Air quality for Birmingham is provided by the Uni of Bham WM-Air project (https://wm-air.org.uk/) but there should be air quality data provided by the Defra UK Air website (https://uk-air.defra.gov.uk/)

CAVAT:
London Tree Officers Association
https://www.ltoa.org.uk/resources/cavat

First Steps in Valuing Trees and Green Infrastructure
https://www.tdag.org.uk/first-steps-in-valuing.html

City of Melbourne Tree Policy
https://www.melbourne.vic.gov.au/community/greening-the-city/tree-protection-management/Pages/tree-protection-policy.aspx

The Revised Burnley Method (2005)
https://treenet.org/resource/urban-tree-valuation/

MAGIC
https://magic.defra.gov.uk/

Open Street Map
https://www.openstreetmap.org/#map=6/54.910/-3.432

Open Street Map hack weekend article
https://www.openstreetmap.org/user/poornibadrinath/diary/39079

Tree loss impacts on ecological connectivity: Developing models for assessment
https://www.sciencedirect.com/science/article/pii/S157495411730211X?via%3Dihub

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EA Vegetation Object Model Map
https://experience.arcgis.com/experience/753ad2ebd3554fa696885b8c366c3049/page/LIDAR/?views=2020-2m-Layers%2CVegetation-Object-Model

Lidar Data access from Data Services Platform
https://environment.data.gov.uk/dataset/668881ad-4f8f-42bd-b835-89acf0269496

Data.Gov link to National Lidar Programme Vegetation Object Model
https://data.gov.uk/dataset/227ab487-e8f2-4cbb-b26a-9e6d3b662265/national-lidar-programme-vegetation-object-model

Defra DSP Data Service Platform main list of LIDAR data sets
https://environment.data.gov.uk/searchresults;query=lidar;searchtype=All;page=1;pagesize=20;orderby=Relevancy

Scotland River Temperature Monitoring Network (SRTMN) – Tree planting prioritisation for shading rivers
https://marine.gov.scot/information/scotland-river-temperature-monitoring-network-srtmn-tree-planting-prioritisation-shading

Field Studies Council GIS for Data Presentation
https://www.field-studies-council.org/resources/16-18-geography/gis/gis-for-data-presentation/

Remote Sensing and Surveying in the Environment Agency
https://experience.arcgis.com/experience/753ad2ebd3554fa696885b8c366c3049

Arc GIS
https://www.arcgis.com/apps/mapviewer/index.html?layers=faabec3ed06e443d978e6b63e27f3b11

Nottingham Insight Mapping
https://maps.nottinghamcity.gov.uk/insightmapping/

UK Green Talk
http://www.greentalklabs.com/

Tree Talk
https://www.treetalk.co.uk/

UK Treescapes Projects
Projects Archive - UK Treescapes
Including CASTOR, newLEAF, MEMBRA, Branching Out, Voice of the Future, Connected Treescapes,

Mapscape
How Urban Forestry is Turning Smart - Blog as seen at
https://www.mapscape.co.uk/2021/06/21/how-urban-forestry-is-turning-smart/

"Tree loss impacts on ecological connectivity: Developing models for assessment" (Loss of roadside hedgerow trees) http://dx.doi.org/10.1016/j.ecoinf.2017.10.010

Trees for Streets
https://www.treesforstreets.org/

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Story Maps
https://storymaps.arcgis.com/stories/68ac541504fc4714b371b1a33e540c95

ACRONYMS

CAVAT: Capital Asset Value for Amenity Trees https://www.ltoa.org.uk/documents-1/capital-asset-value-for-amenity-trees-cavat

CEH: UK Centre for Ecology and Hydrology https://www.ceh.ac.uk/

DCMS: Department of Cultural Media and Sport

DLUHC: Department of Levelling Up Housing and Community (formerly MHCLG)

NCEA: Natural Capital and Ecosystem Assessment

NDVI: Normalised Difference Vegetation Index https://gisgeography.com/ndvi-normalized-difference-vegetation-index/

NTM: National Tree Map

ToW: Trees outside woodlands

VOM: Vegetation Object Model (LIDAR Vegetation Object Model | Environment Agency Geomatics Hub)

With many thanks to Kitty Rose, Ordnance Survey

All links correct at 24.06.2022

The workshop recording and presentations can be found at
https://www.tdag.org.uk/events.html

Please scroll down to 'Past Events'