GIS Export Schema Guide (GeoJSON & CSV for QGIS / ArcGIS)

RFC 7946 GeoJSON & Structured CSV · enterprise@rootedcarbon.com

Field reference for importing Rooted Carbon structured CSV and GeoJSON pilot exports directly into QGIS, ArcGIS, and municipal asset registries.

Supported Deliverable Formats

- RFC 7946 GeoJSON (WGS 84 / EPSG:4326) point features for instant drag-and-drop layers in QGIS, ArcGIS Online, and web maps.
- Structured UTF-8 CSV tables formatted for spreadsheet analysis, forestry summaries, and climate grant reporting.
- Unified dual-track schema combining smartphone citizen-science captures and aerial consumer drone sweeps.

Core Attribute Fields

- species_common / species_latin — Identified tree species with classification confidence.
- height_m / dbh_cm — Optical tree height (metres) and trunk diameter (DBH, centimetres).
- agb_kg / co2e_kg / annual_seq_kg — Dry aboveground biomass, stored carbon dioxide equivalent, and annual sequestration estimate.
- confidence_pct / canopy_visibility — Explicit ±% calibration interval and stem visibility flag.

Data Ownership & Support

- Every exported layer is 100% owned by the client organization or landowner with deduplicated hectare reporting.
- Request a sample pilot export pack: enterprise@rootedcarbon.com

© 2026 Rooted Carbon · Dieppe, New Brunswick