IAN HANOU

CEO & Founder

Ian has 18 years of experience applying innovative geospatial, software, and business solutions in forestry, urban forestry, planning, natural resources, and water resources. His work involves human resources, GIS, ecosystem services, technical writing, software design, and business development with all levels of government agencies, private sector, nonprofits and universities. He has presented at 100+ conferences on the use of technology for urban forestry, mapping, and green infrastructure. He is proficient in contract administration, spatial analysis, training, public speaking, marketing, employee development, and project management.

EDUCATION

Bachelor of Science in Forest Management, GIS & Remote Sensing Minor | Colorado State University, 2001

PROFESSIONAL AFFILIATIONS

Society of American Foresters | Front Range Urban Forestry Council | GIS Colorado

URBAN TREE/FOREST CANOPY ASSESSMENTS AND PROJECTS

Columbus, OH: Urban Tree Canopy Assessment, i-Tree Hydro Analysis, and Custom Canopy Planner Tool
Managed this 250 square mile study, created planting prioritization and scenario tools, and provided training.

Washington State Urban Tree Canopy (UTC) Assessments
Since 2007, managed GIS/RS canopy studies in Seattle, Kirkland, Vancouver, Thurston County, Shoreline, Bothell, Snoqualmie, Issaquah, and others, including canopy change analysis, reporting, Council presentation, and i-Tree.

Calgary, Alberta: Tree Canopy Assessment
Managed a GIS/RS assessment of canopy and priority planting areas analysed for 292 communities, 67 land use types, and 300,000 parcels; developed a GIS-based suitability model to prioritize tree planting.

Mississauga, Ontario: Mississauga Urban Forest Canopy Re-Assessment 2007-2014 and City Council Presentation
Managed a follow-up UTC to a 2007 study. Mapped updated land cover and urban forest canopy distribution for 2014, and evaluated canopy cover changes over time, as well as historical canopy trends since 1992. Included data analysis, custom maps and tools, and broad recommendations for setting and achieving canopy objectives.

Oakville, Ontario: Canopy Assessment, EAB Risk Management Mapping, and Goal Setting Scenarios
Managed multiple UFC analysis and scenario planning studies since 2010. Included a hyperspectral imaging analysis of ash/EAB risk management and mapping of current canopy and available planting area town-wide, by communities, and by land use types. Lead GIS/RS consultant on a team to re-analyze Oakville's canopy in 2015/2016.

Treasure Valley, Idaho: Urban Tree Canopy Assessment, i-Tree Eco Analysis, and Scenario Tool Development
Conducted a 265 square mile study and created planting prioritization and scenario tools using CommunityViz (Esri land use planning extension) and i-Tree Eco data values. Classified land cover using remote sensing, summarized data at a variety of assessment scales, analysed ecosystem services, and reported all methods and findings. Provided training in Boise to 30+ attendees from the region (planners, GIS, foresters, park managers, etc.).