A Layered Look at Land Management—Technology Offers a Clear View

Vegetation managers and crews at major utility companies and other agencies can use a powerful digital layered approach to give them an unparalleled level of information and control over the way their assets and lands are managed. Over the past few years, Clearion has been working with utility partners to layer readily available, third-party data in a user-friendly format—over the vast data sets in their GIS systems.

CORELOGIC DATA INFORMS DECISIONS

Utilities have partnered with CoreLogic for years using their parcel-level information for infrastructure planning, engineering, emergency preparedness and more.

In addition to key geospatial information such as current property owner and contact information, CoreLogic offers acreage, valuation, how the properties are viewed (e.g., residence, farm, warehouse, commercial, restaurant), land use, water sources, and more, tied together by property boundaries or lot. CoreLogic also offers nine natural hazard data sets (i.e., flooding, storm surge, hurricane winds, wildfire, earthquakes, hail, tornados, straight-line winds and sinkholes) to heighten decision making.

When this data is overlaid with the utility infrastructure, vegetation management teams have the right information at their fingertips to best plan and manage customers on a property-by-property basis.

BEST NEW AG APPS FOR 2019

This January, *CropLife* magazine, named the FieldCheck app, from FieldWatch, one of the "15 Best New Agriculture Apps for 2019." This app allows pesticide applicators to locate specialty crop and beehive locations easily from their mobile device or tablet by providing access to the DriftWatch Specialty Crop and BeeCheck Apiary Registry data. Users in the field simply click on the pins to see the detailed contact and location information they need. FieldWatch registries are free and voluntary for crop producers, beekeepers, and pesticide applicators to utilize and can be layered into any of Clearion's applications.

At this time, the data includes specific fields for 46 chemical-sensitive crops including those found at vineyards, orchards, fish hatcheries, organic corn and tomato farms, apiaries and more. Users drop pins to identify their sites and an easy-to-use drawing tool enables them to draw polygons around their sites. The tool current has 21 states on board with more states and maps coming online in 2019.

LAYERED INFORMATION FOR A COMPREHENSIVE VIEW

As we all know, when fewer trees need pruning, utilities can deliver their service more reliably, at a lower cost, with fewer vegetation management safety concerns and less customer hassles. Enter "right tree, right place" or **RTRP**. With LiDAR tree detection and species identification, you can identify and mark RTRP trees in your right-of-way that you will not have to maintain for at least three years. When effective at the span level, you can eliminate RTRP spans from your maintenance cycle—with biannual checks to ensure accuracy. With this layer of information available to vegetation management planning teams and crews, they just need to mark and update any new information on trees/spans for immediate or future action.

If you are utilizing a robust GIS system but still find yourselves pushing a lot of paper or working from disparate systems, this may be the year when you commit to saving time, money, and resources by moving beyond the old encyclopedic way of working and fully embracing the digital space. Contact us to schedule a demonstration.