

Drones – Burgett Follow Up

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Drones in Landscape Architecture

- Visualization tool
- Storytelling tool
- easier for landscape architects to educate communities about the impact of environmental issues in their area, such as climate change or loss of habitat



The Dirt

- Aerials plus photoshop



- <https://dirt.asla.org/2021/07/21/a-guide-to-drones-for-landscape-architects/>

Drone Can Draw 3D House

- <https://blog.structurestudios.com/software/your-drone-can-draw-a-3d-house-for-your-pool-and-landscape-design>



LAND 8

<https://land8.com/drone-applications-for-landscape-architecture/>



- Unmanned aerial vehicles (UAV's or drones) have multiple applications for landscape architects, from early efforts like site analysis to creating awareness and excitement for a completed project
- UAV imagery has the ability to capture in scale and context the meaningful impacts we have on land development projects. The drones birds-eye perspective seems like a natural fit for a profession that seeks to "analyze, plan, design, manage, and nurture the built and natural environments". All of which can help the design team and stake holders visualize a more holistic view of our contributions as landscape architects

High Quality Post Construction Images

- <https://www.lafoundation.org/news/2018/05/csi-uga>

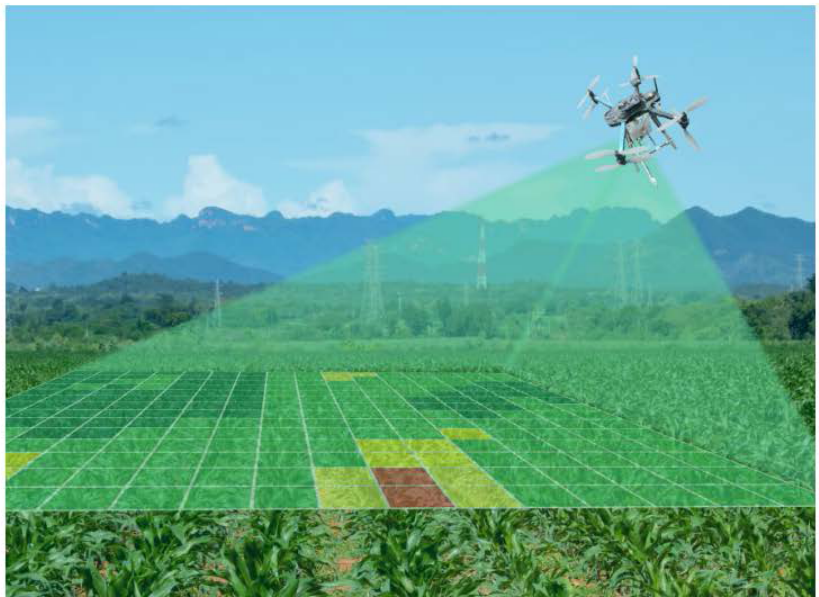
- imagery can track the change in the area of shade cover, the effectiveness of the stormwater management methods on site, or even map changes due to erosion

The Three-Dimensional City: How Drones Will Impact the Future Urban Landscape

- <https://www.archdaily.com/583398/the-three-dimensional-city-how-drones-will-impact-the-future-urban-landscape>

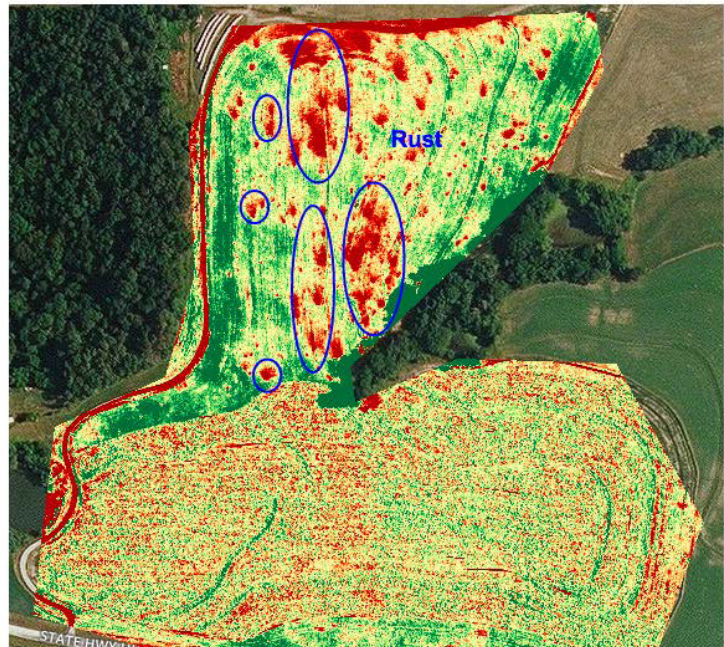
Drones and Plant Health

- "Modern irrigation practices, livestock technology, fertilizer management, and various other tools have allowed farmers to improve different operations. But when it comes to crop production and growth monitoring, drones have established themselves as **the best solution for farmers.**"
- "multispectral imaging cameras that are so comprehensive that they are used for military purposes such as detecting landmines."
- <https://www.maxinal.com/blog/2021/03/16/drones-for-crop-health-monitoring-taking-agriculture-to-new-heights/>



Crop Scout to Detect Parasites and Fungus

- Rust fungus on wheat crop <https://dronelife.com/2017/01/31/seven-ways-use-drone-mapping-farm-season/>



Single Family Residential

- <https://www.youtube.com/watch?v=pv3OthvBVac>