

Irrigated Green Firebreaks Complement Wildfire Management in the Wildland Urban Interface

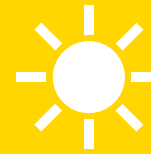


Natural
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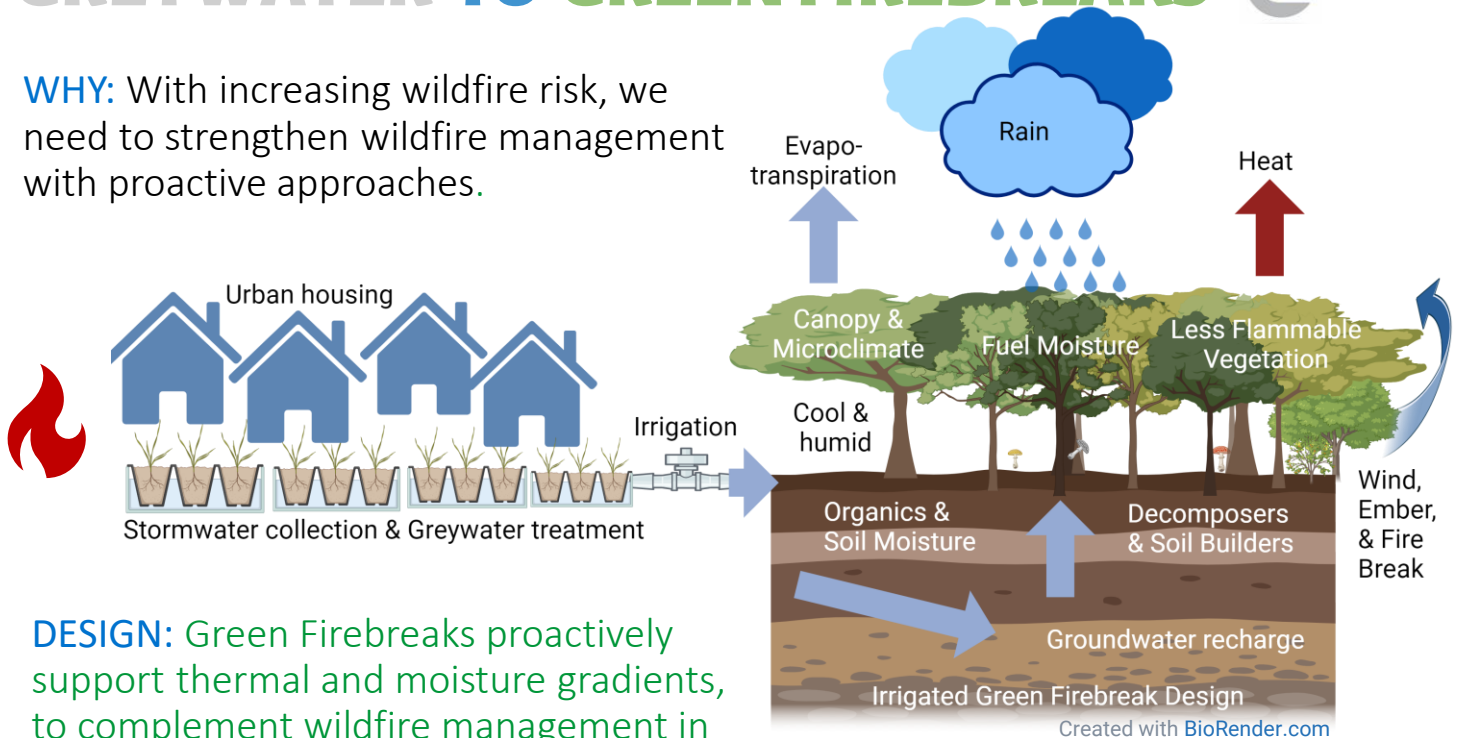
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GREYWATER TO GREEN FIREBREAKS 2

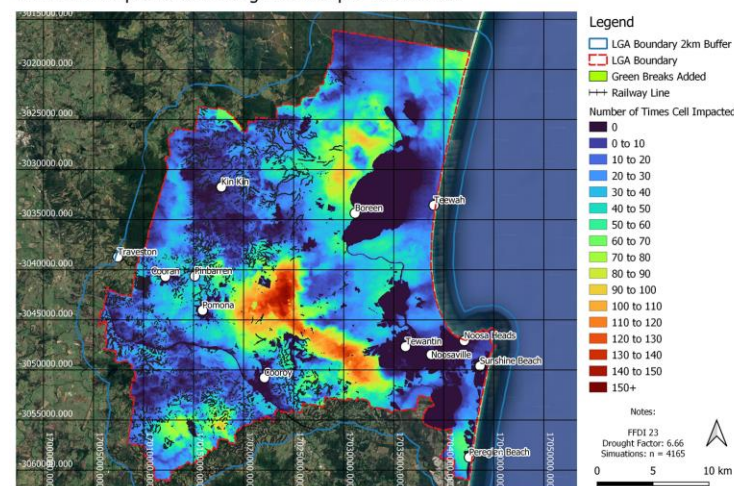
WHY: With increasing wildfire risk, we need to strengthen wildfire management with proactive approaches.



DESIGN: Green Firebreaks proactively support thermal and moisture gradients, to complement wildfire management in the Wildland Urban Interface; with water reuse stopping vegetation from becoming fuel in extreme droughts.

HOW: CSIRO Spark software will be used to analyze fire simulation scenarios across Noosa's Wildland Urban Interface, with (design) and without (control) Irrigated Green Firebreaks.

Simulation Impact Count Design Landscape - Noosa LGA



Riparian Green Firebreaks (Int'l River Symposium - Power & Smith 2022)



Less Flammable Vegetation (Leaf)

Increased Moisture (Water)

Reduced Ignition/Fire (Flame)



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