

Using Citizen Science to Understand Thirty Years of Change in Global Kelp Cover by Expanding the Zooniverse to NASA Satellite Imagery

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The Problem: Long-Term Truly Large-Scale Kelp Monitoring



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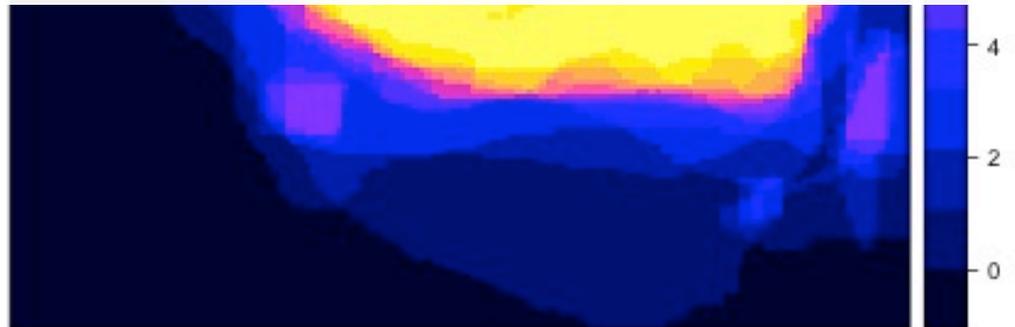
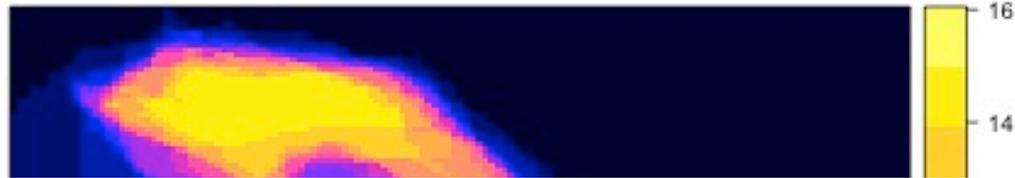
We are
helping

2,849

GE

But...

- Image processing not flexible for new sites
- Not a scalable solution to other Landsat projects
- Need for better engagement



The Future



Short-term Goals

- Finalize citizen science calibration from old site and beta trials
- New image processing pipeline
- Full site re-launch in July

Long-term Goals:

- Analysis of ~30 years of global kelp cover
- Developing educational materials to pair with Floating Forests
- Landsat -> Citizen Science Project web-based pipeline