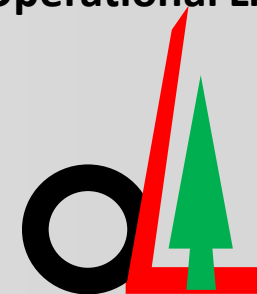


Operational Lidar Inventory (OLI) 2023, 8th Annual Meeting Vancouver, WA, USA

Jacob L Strunk
PNW FIA, USFS
4/5/2023

Operational Lidar Inventory

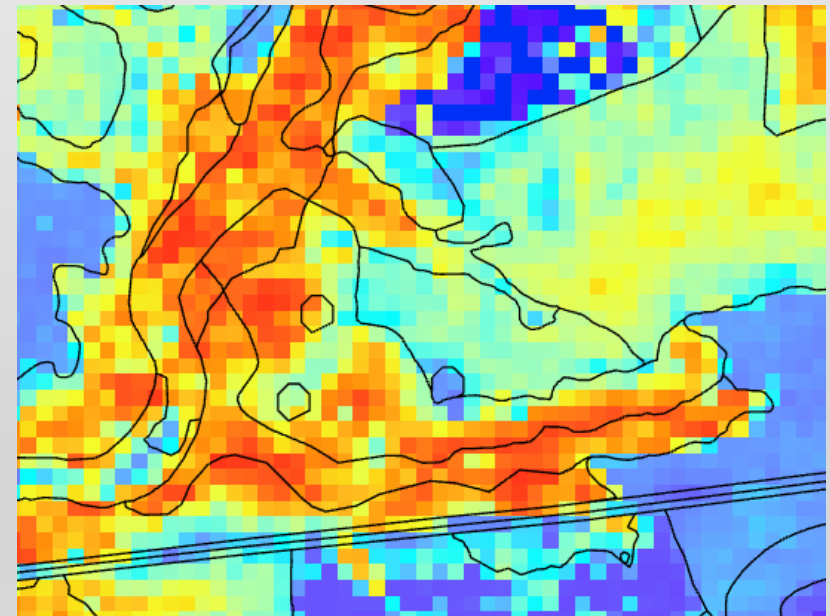


Remote Sensing
Operational Forestry
R&D
Collaboration

OLI “Mission”

Advance “Operational” usage of Remote Sensing in Forest Inv. Monitoring

1. Tech transfer
2. Operationally relevant research topics
3. Communicate across groups
(students, private, public, research, consultants, ...)
4. Identify knowledge, methodological gaps
5. Identify solutions



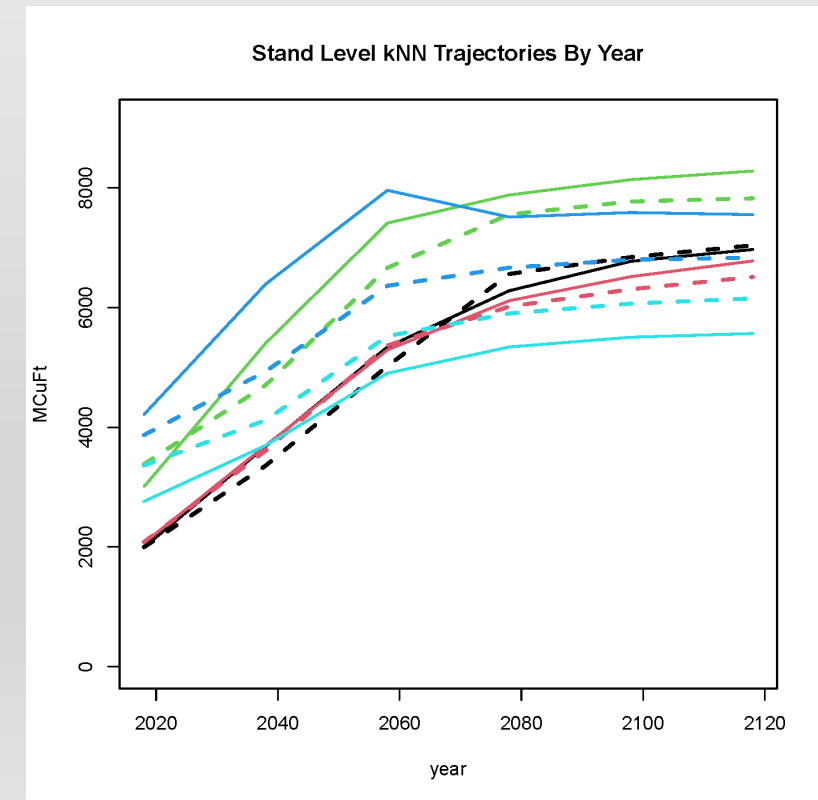
Recent Progress: Remote Sensing & Forestry

- Growth in consulting community
 - Tree / Area Hybrid Methods gaining steam
 - Traction on species predictions
- More private land managers using Remote Sensing inventory
- More Remote Sensing talks at forestry conferences
- Technological improvements
 - Lidar
 - Sentinel
 - Algorithms
 - Photogrammetry



Tractable Hurdles

- Species modeling
- Change estimation & Site Index
- Growth modeling / optimization (e.g. FVS)
- Plot sampling strategies
- Validation
- Stand delineation



Question:

- OLI Journal Issue next year? (MDPI Remote Sensing)
- Volunteer for editor?



Operational Lidar Inventory



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Thank you

Enjoy the meeting!

Operational Lidar Inventory



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