

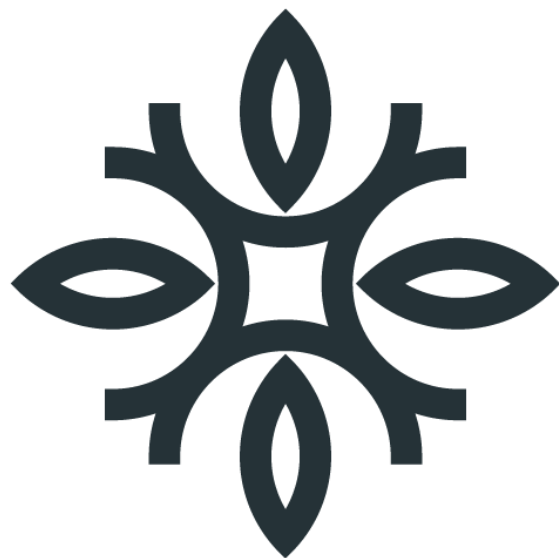


# Partnership for Small Area Estimation

Holly L. Munro and Steve Prisley

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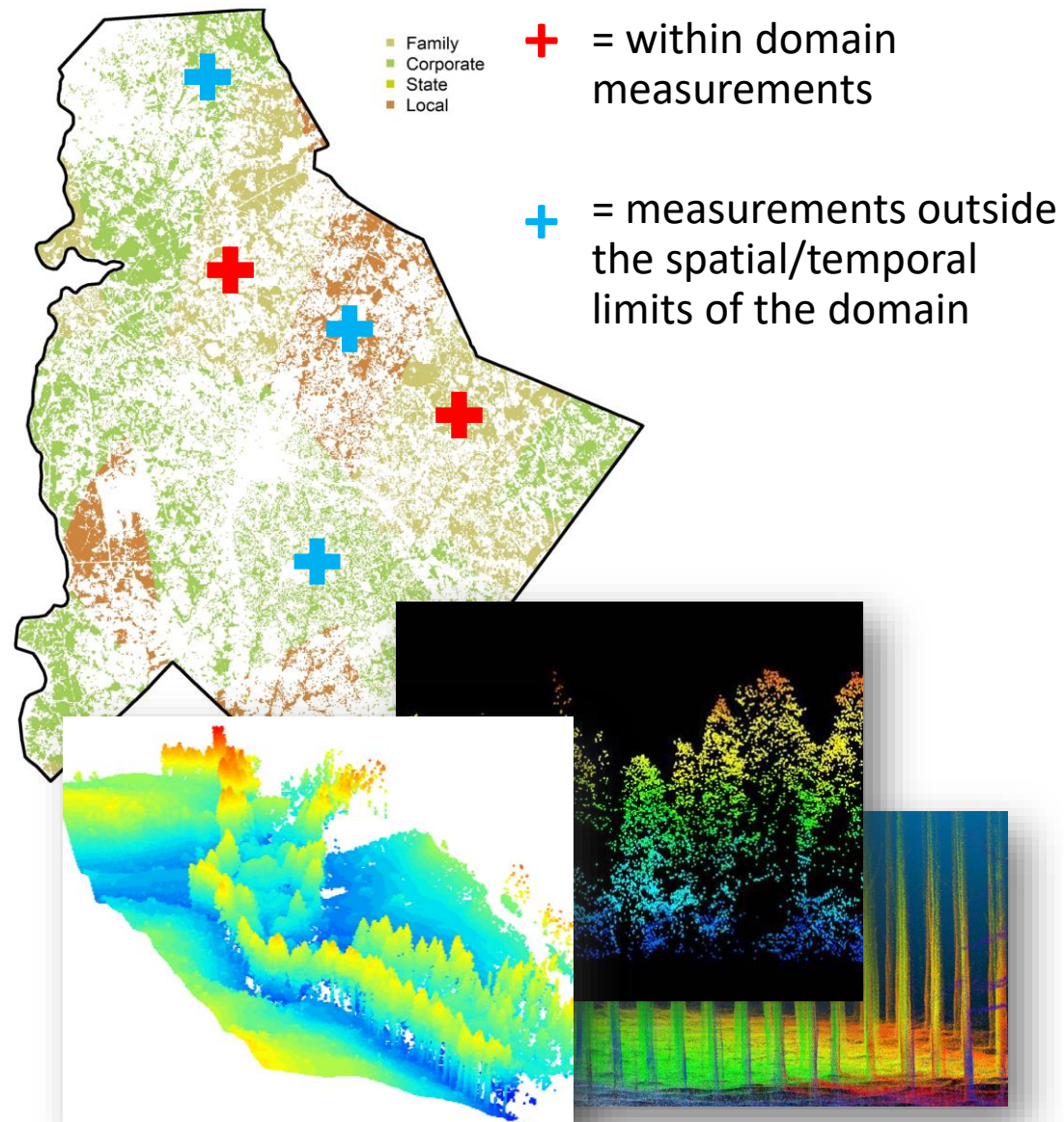


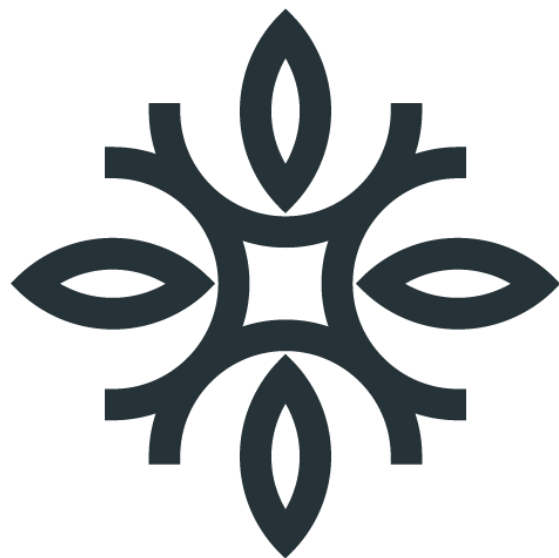
## Partnership for Small Area Estimation

- The USFS engaged in a cooperative research effort with NCASI to execute a strategic plan for enhanced integration of remote sensing information into the FIA program with emphasis on small area estimation.

## Small Area Estimation – what is it?

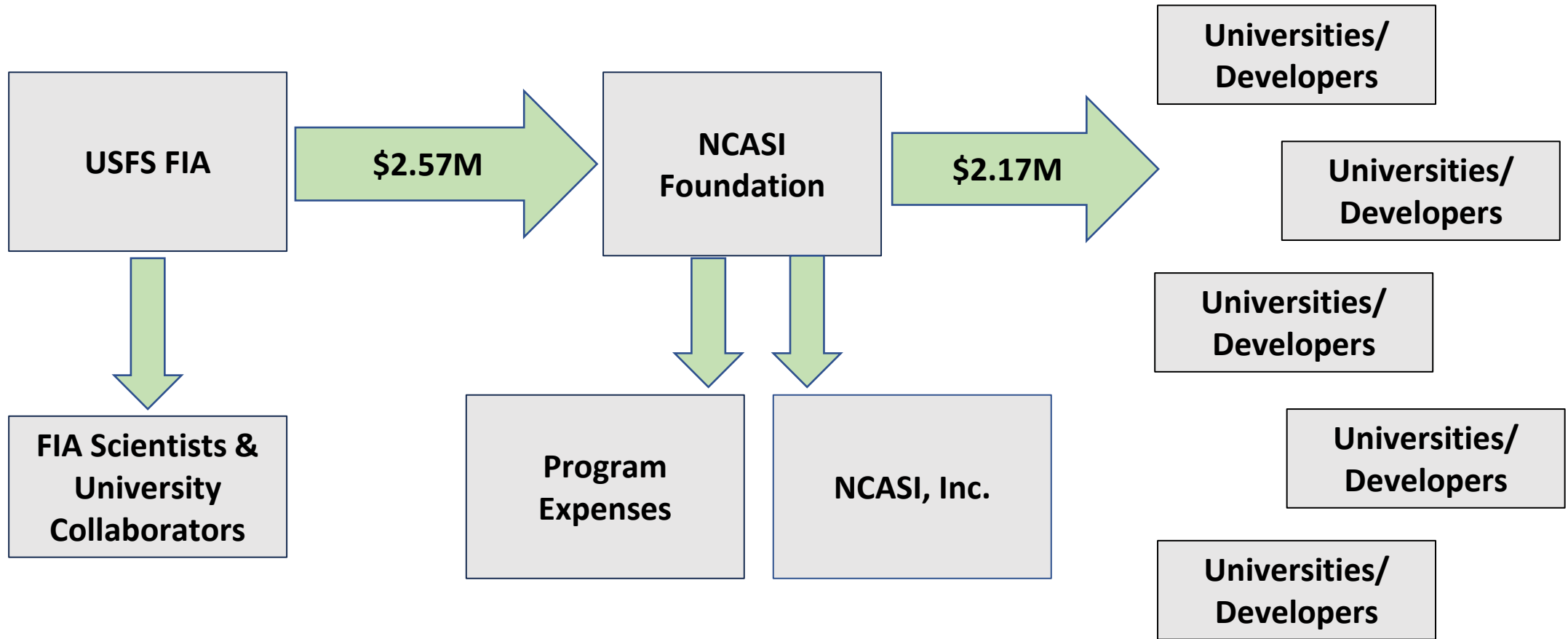
- FIA data alone are unsuitable for small areas (e.g., a county)
- SAE refers to statistical techniques to combine sample data (FIA plots) with other data sources (e.g., LiDAR or satellite imagery) to obtain more precise estimates





## Partnership for Small Area Estimation

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- This effort follows an imperative of the Agricultural Act of 2014 (“Farm Bill”) to “Implement procedures to improve the statistical precision of estimates at the sub-State level”.



## Partnership for Small Area Estimation



*Current contracts for \$1.3 million to eight universities  
An additional \$680,000 in contracts underway*



# Partnership for Small Area Estimation





# Questions or comments

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