Dr. Nowell cited several papers and talked about the Southeast FireMap product in her talk. Below are the citations to the articles mentioned, as well as a link to the Southeast FireMap product.

Slide numbers below along with the title of each slide that the citation goes with.

1. Dr. Nowell's contact info: hnowell@talltimbers.org

2. **Fires are prevalent in the Southeast US**

Melvin, M. A. (2015). 2015 National Prescribed Fire Use Survey Report. Retrieved from http://www.stateforesters.org/2015-national-prescribed-fire-use-survey-report

Short, K. C. (2014). A spatial database of wildfires in the United States, 1992–2011. Earth System Science Data, 6(1), 1–27. https://doi.org/ 10.5194/essd-6-1-2014

van der Werf, G. R., Randerson, J. T., Giglio, L., van Leeuwen, T. T., Chen, Y., Rogers, B. M., et al. (2017). Global fire emissions estimates during 1997–2016. Earth System Science Data Discussions,1–43. https://doi.org/10.5194/essd-2016-62

Schroeder, W., Oliva, P., Giglio, L., Quayle, B., Lorenz, E., & Morelli, F. (2016). Active fire detection using Landsat-8/OLI data. Remote Sensing of Environment, 185, 210–220. https://doi.org/10.1016/j.rse.2015.08.032

3. Fires are prevalent in the Southeast US

Hawbaker, T. J., Vanderhoof, M. K., Beal, Y. J., Takacs, J. D., Schmidt, G. L., Falgout, J. T., et al. (2017). Mapping burned areas using dense timeseries of Landsat data. Remote Sensing of Environment, 198, 504–522. https://doi.org/10.1016/j.rse.2017.06.027

4. Atlas of Florida fires, 2004-2015

Nowell, H. K., Holmes, C. D., Robertson, K., Teske, C., & Hiers, J. K. (2018). A new picture of fire extent, variability, and drought interaction in prescribed fire landscapes: Insights from Florida government records. Geophysical Research Letters, 45, 7874–7884. https:// doi.org/10.1029/2018GL078679

5. Evaluation of satellite fire products

Hu, X., Yu, C., Tian, D., Ruminski, M., Robertson, K., Waller, L. A., & Liu, Y. (2016). Comparison of the hazard mapping system (HMS) fire product to ground-based fire records in Georgia, USA. Journal of Geophysical Research: Atmospheres, 121, 2901–2910. https://doi.org/10.1002/ 2015JD024448

Huang, R., Zhang, X., Chan, D., Kondragunta, S., Russell, A. G., & Odman, M. T. (2018). Burned area comparisons between prescribed burning permits in southeastern United States and two satellite-derived products. Journal of Geophysical Research: Atmospheres, 123, 4746–4757. https://doi.org/10.1029/2017JD028217

6. Ground-based fire products

Cummins, K.; Noble, J.; Varner, J.M.; Robertson, K.M.; Hiers, J.K.; Nowell, H.K.; Simonson, E. The Southeastern U.S. Prescribed Fire Permit Database: Hot Spots and Hot Moments in Prescribed Fire across the Southeastern U.S.A. Fire 2023, 6, 372. https://doi.org/10.3390/fire6100372

9. Creation of the Southeast FireMap

Hawbaker, T. J., Vanderhoof, M. K., Schmidt, G. L., Beal, Y. J., Picotte, J. J., Takacs, J. D., et al. (2020). The Landsat Burned Area algorithm and products for the conterminous United States. Remote Sensing of Environment, 244(September 2019), 111801. https://doi.org/10.1016/j.rse.2020.111801

10. Creation of the Southeast fireMap (second slide with title)

link to SE FireMap: https://www.landscapepartnership.org/key-issues/wildland-fire/fire-mapping/regional-fire-mapping/se-firemap

19. Known limitations: cloud cover

Vanderhoof, M. K., Hawbaker, T. J., Teske, C., Ku, A., Noble, J., & Picotte, J. (2021). Mapping Wetland Burned Area from Sentinel-2 across the Southeastern United States and Its Contributions Relative to Landsat-8 (2016–2019). Fire, 4(3), 52. https://doi.org/10.3390/fire4030052