From best-available science to state policy decisions: CMS forest carbon data and consequences of deforestation in New

England/NY

- ➤ US Climate Alliance (Doris Duke Charitable Foundation) grant leveraged and translated the Chris Williams-led NASA CMS project to quantify C stocks and potential C sequestration to meet specific data needs of states
- Enormous opportunity for technical assistance/translation to states and substate decision-makers
- ➤ A particular need is for datasets and tools that auto-update, to track the effectiveness of policy changes and funding over time

Questions? Imarx@tnc.org (Laura Marx, The Nature Conservancy - MA)

Potential carbon emissions Metric tons of CO2e per acre over 40 years 231 - 260 261 - 290 291 - 354 https://maps.tnc.org/resilientland/ The Nature Conservancy **Resilient Land Mapping Tool Resilient Land Summary** Potential Forest Carbon Sequestration 2010-2050 40-yr Total for Site: 1,912,410 mt Annual Rate per Acre: 0.2 mt/ac/yr Annual Rate for Site: 47810.3 mt/yr ersion of present-day forestland.

https://tnc.box.com/s/apncszy7yrsknlk0hix9n2bt7n6n3f9k