

Baseline and Projected Future Carbon Storage and Greenhouse-Gas Fluxes in Ecosystems of Alaska



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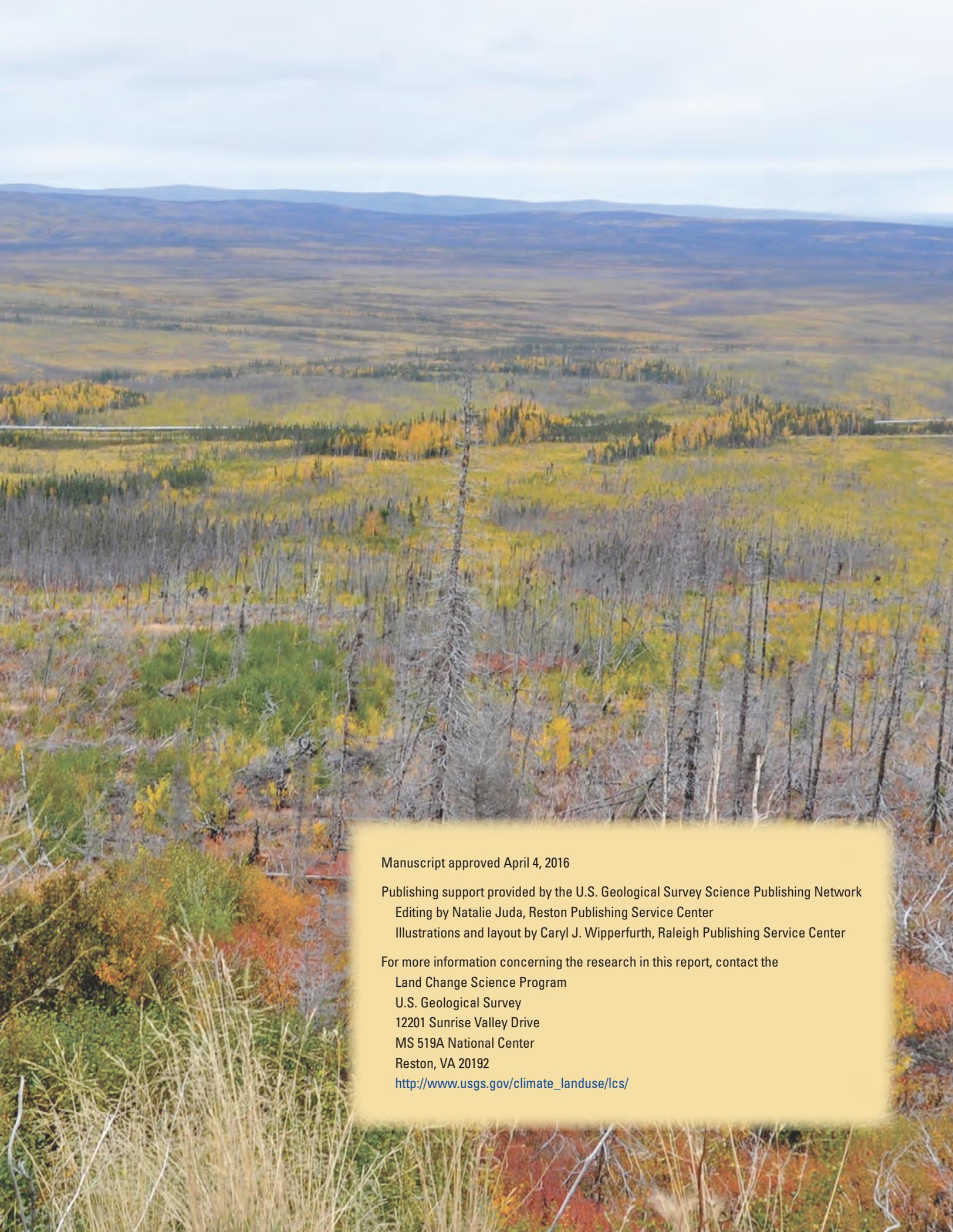
U.S. Department of the Interior
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Front cover. Meandering Beaver Creek (a tributary of the Yukon River) in the autumn in central interior Alaska, with extensive coverage of birch (yellow) and spruce (dark green) trees and various deciduous shrub species (crimson), underlain by permafrost. Photograph by Mark Dornblaser, U.S. Geological Survey.

Inside covers. Expansive Yukon River Basin north of Fairbanks, Alaska, showing undulating landscapes of both uplands and wetlands covered by autumn foliage of various tree and shrub species, trees killed by past wildfires, and the trans-Alaska pipeline running across the center of the image. Photograph by Zhiliang Zhu, U.S. Geological Survey.

Back cover. Top, autumn season at Galbraith Lake (photograph by H el ene Genet, University of Alaska-Fairbanks). Bottom, shrub tundra landscape in North Slope of Alaska, showing the brown tundra vegetation underlain by permafrost in the arctic ecosystem, with mountains of the Brooks Range in the background (photograph by Zhiliang Zhu, U.S. Geological Survey).



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