CASA-CQUEST Modeling for Carbon Cycle Assessments in Forested Ecosystems of the United States

Christopher Potter
Principal Investigator (PI)
Senior Research Scientist
NASA Ames Research Center

National Climate Assessment    NASA Products and Capabilities
CASA global NPP validation versus observed NPP estimates ($n = 1927$ from IGBP-DIS; Olson et al., 1997)

\[ \text{NPP} = S_r \times \text{EVI} \times e_{\text{max}} \times T \times W \]
CASA Model Prediction of Global NPP from 2000 to 2009
Storage of carbon in U.S. forests predicted from satellite data, ecosystem modeling, and inventory summaries

Climatic Change
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NCA Partnership

Carbon fluxes in ecosystems of Yellowstone National Park predicted from remote sensing data and simulation modeling