MODIS Vegetation Continuous Fields 2015
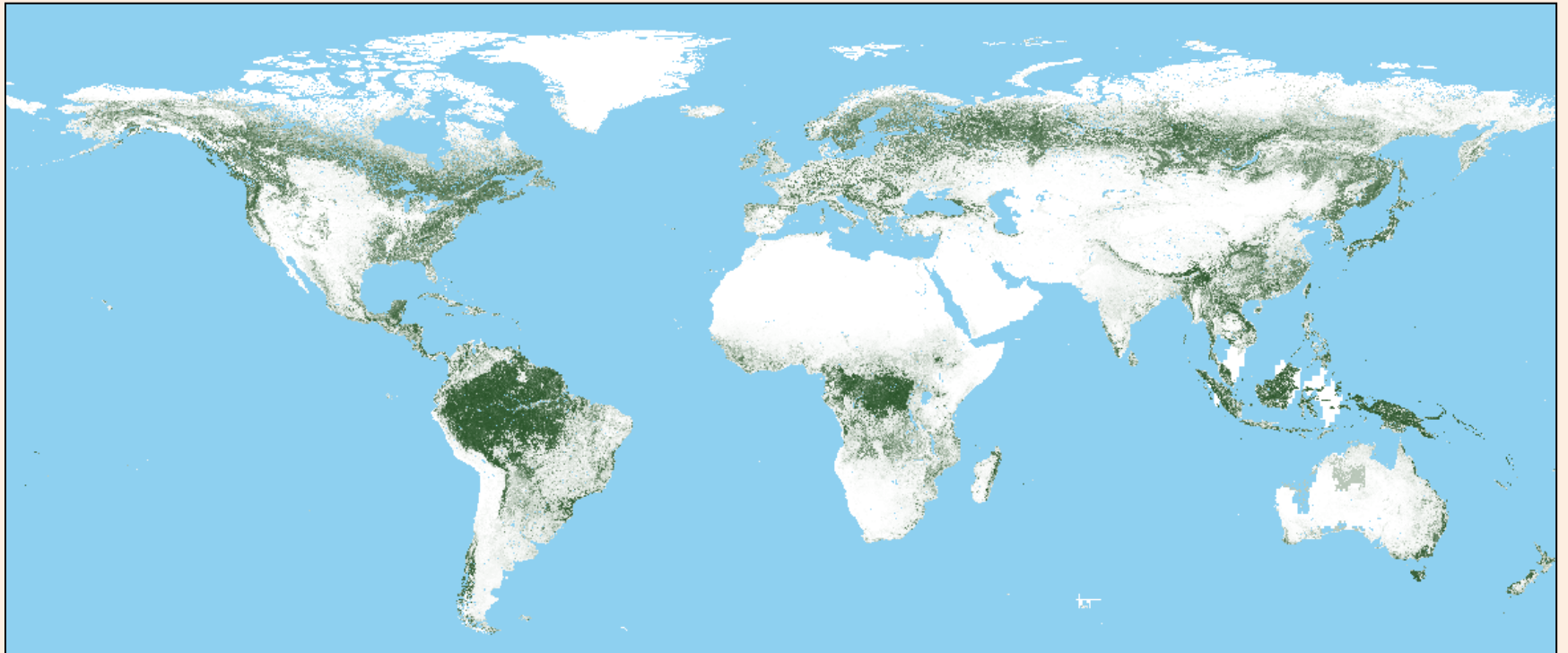
University of Maryland

Charlene DiMiceli, John Townshend, Rob Sohlberg, Mark Carroll, Do-Hyung Kim, Maureen Kelly
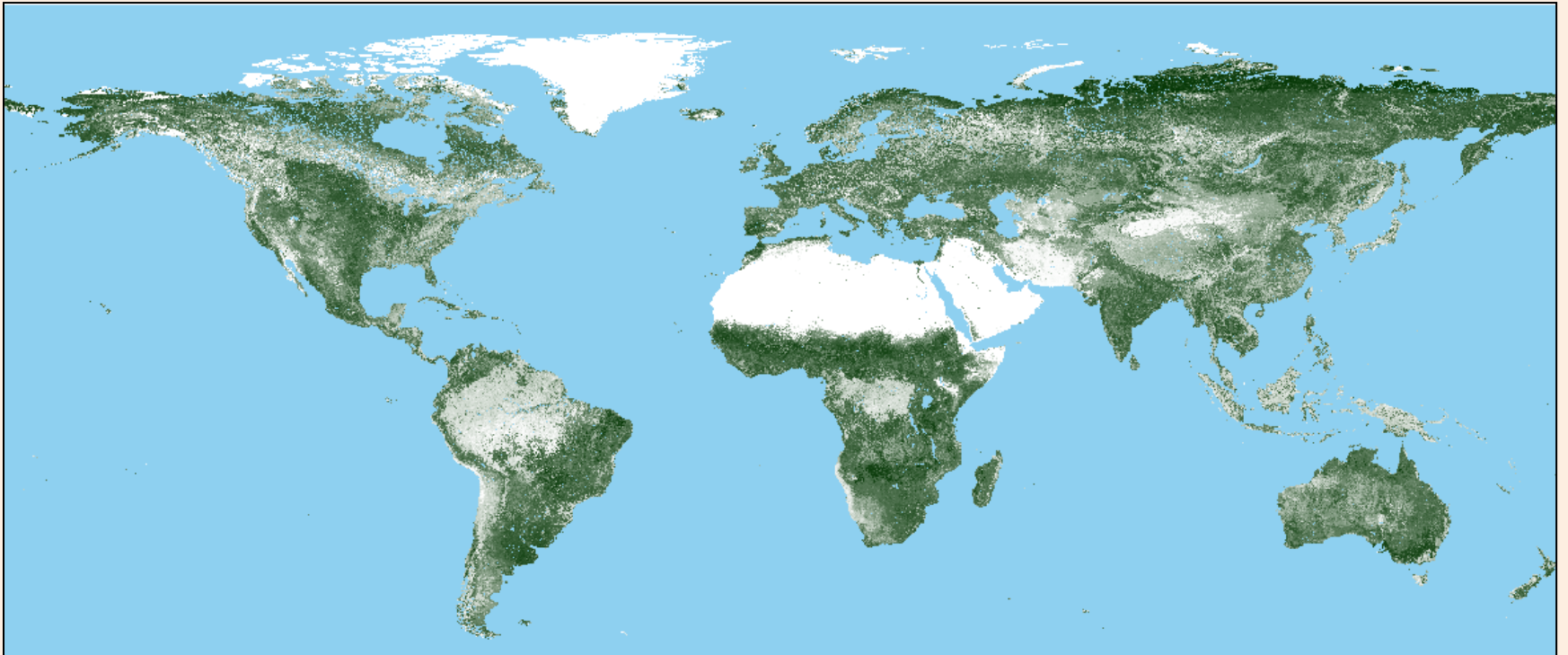
Vegetation Continuous Fields
Version 5.1 Improvements

- All three layers completed:

  -- Tree

  -- Non-Tree Vegetation

  -- Non-Vegetated

- Improvements to northern high latitudes

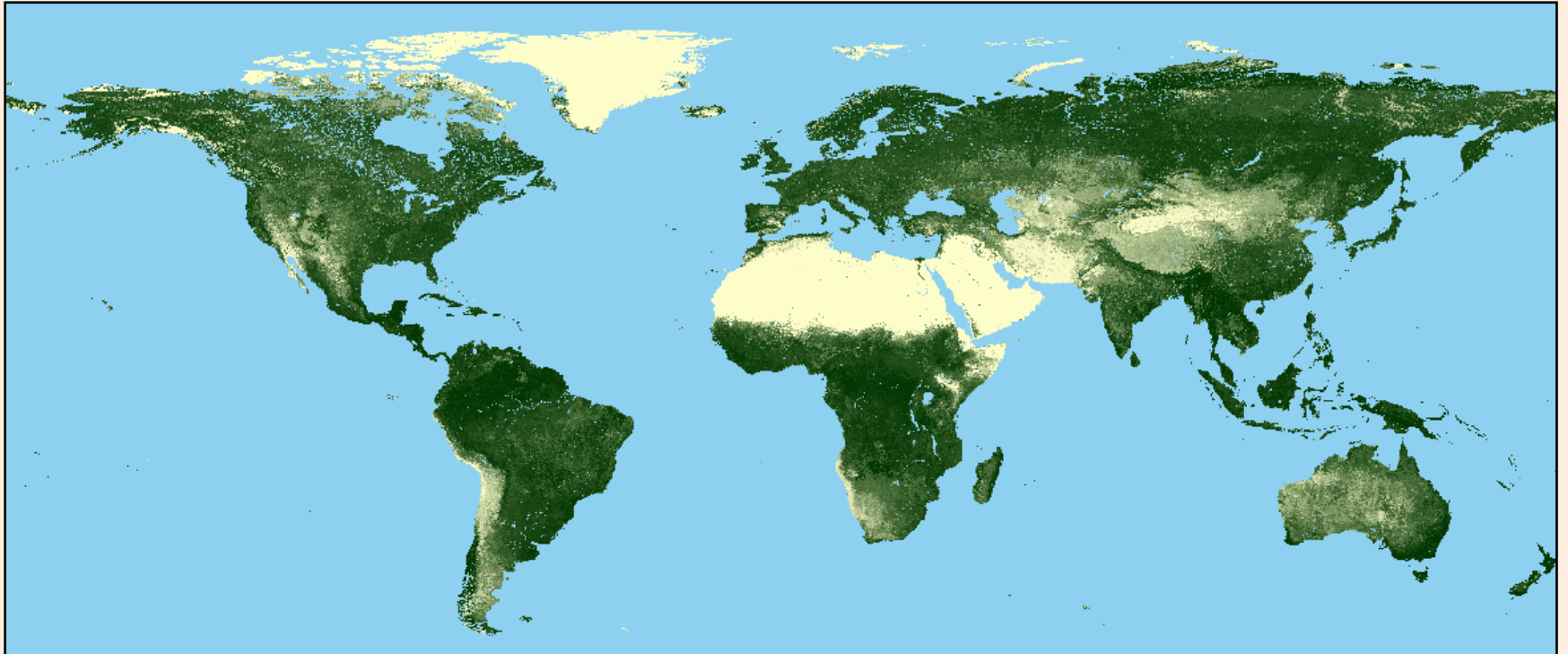- Available from the LP-DAAC: MOD44B.051

Percent Tree Cover

Percent Non-Tree Vegetation

Percent Non-Vegetated

Revisiting the 2002 Oregon Biscuit Fire Patterns of Vegetation Regrowth
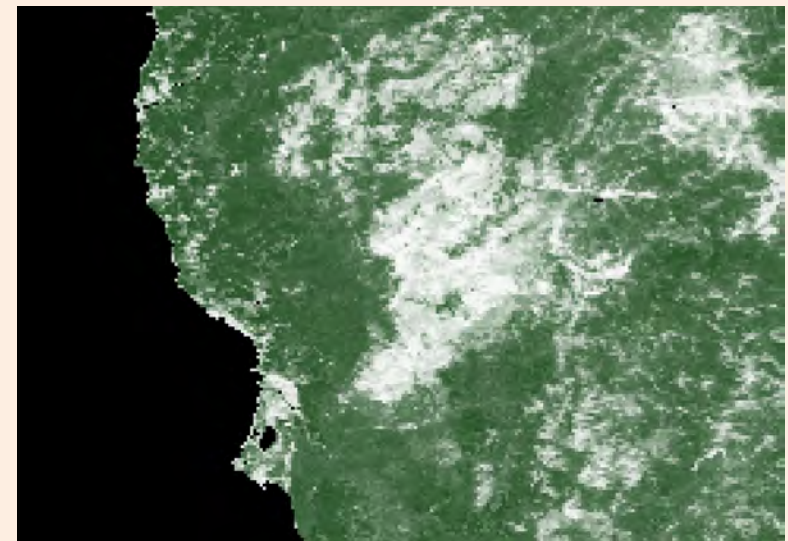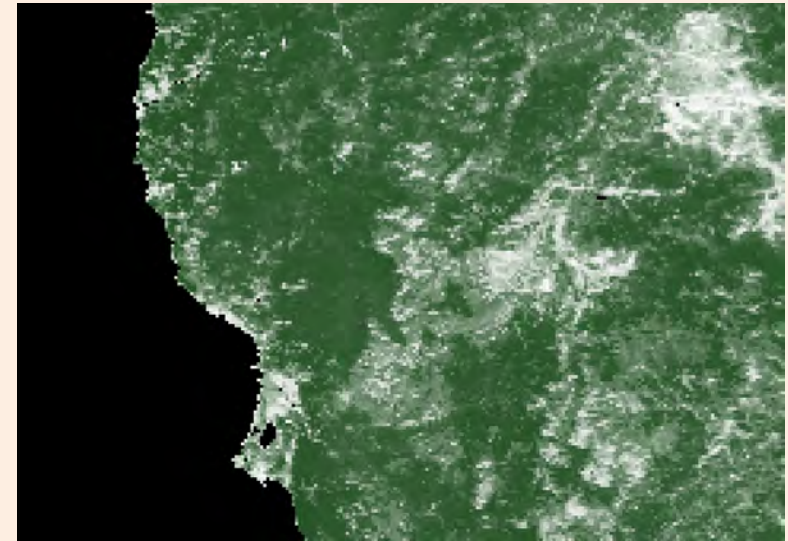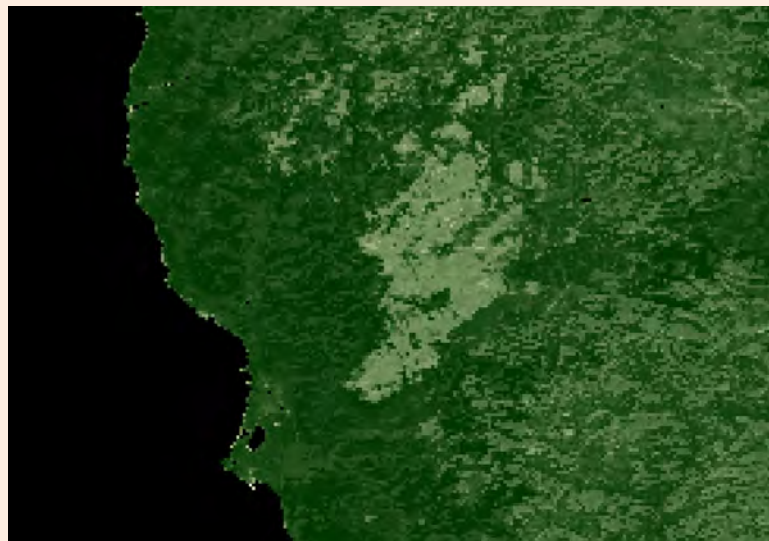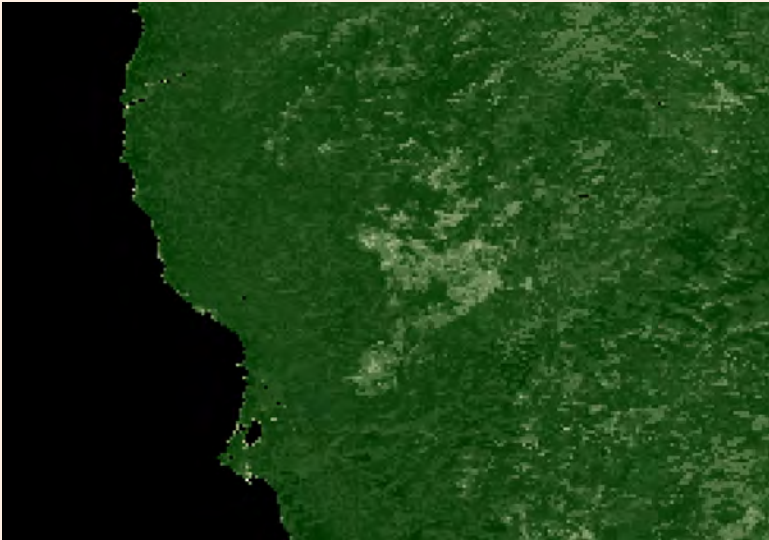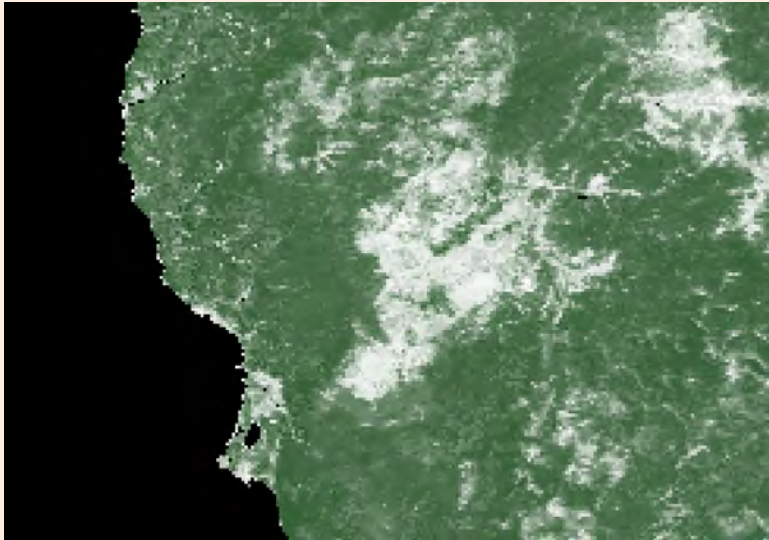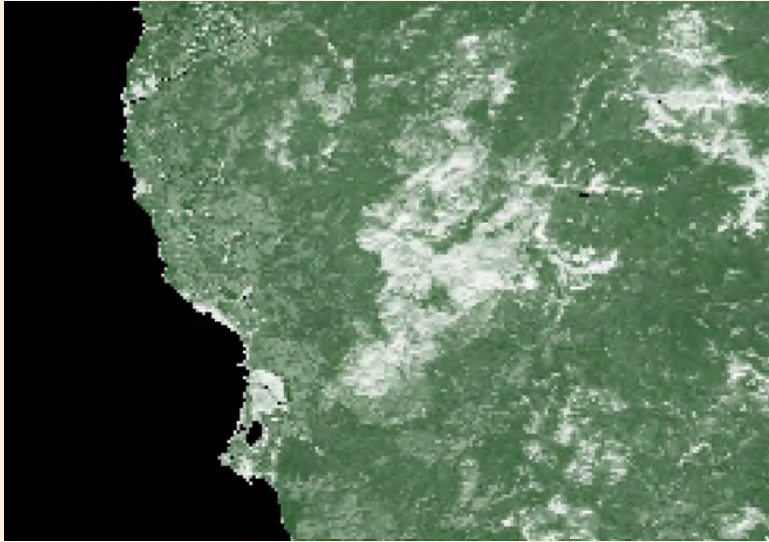
VCF Percent Non-Vegetated

VCF Percent Tree Cover
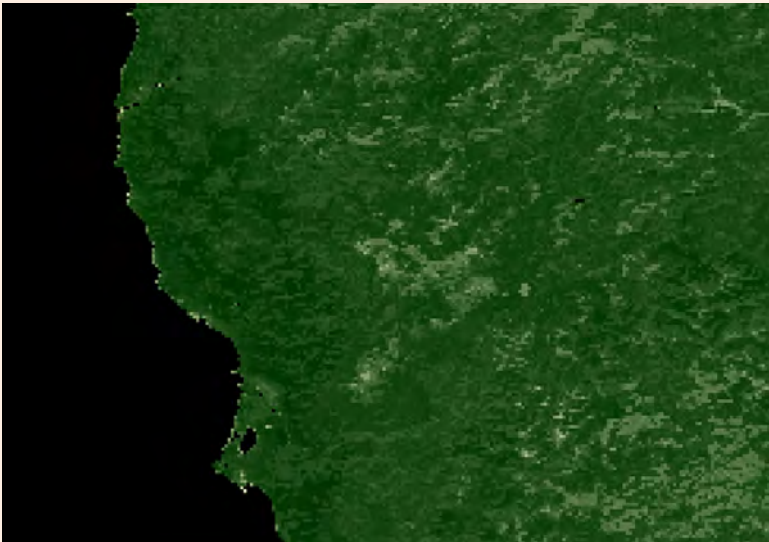
2001

2003

VCF Percent Non-Vegetated
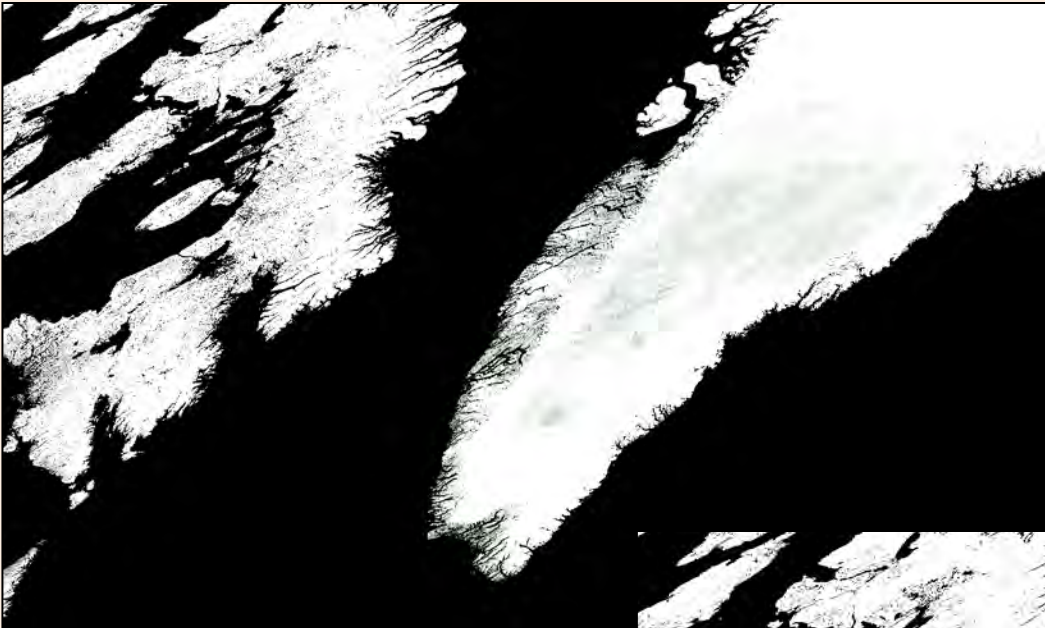
VCF Percent Tree Cover
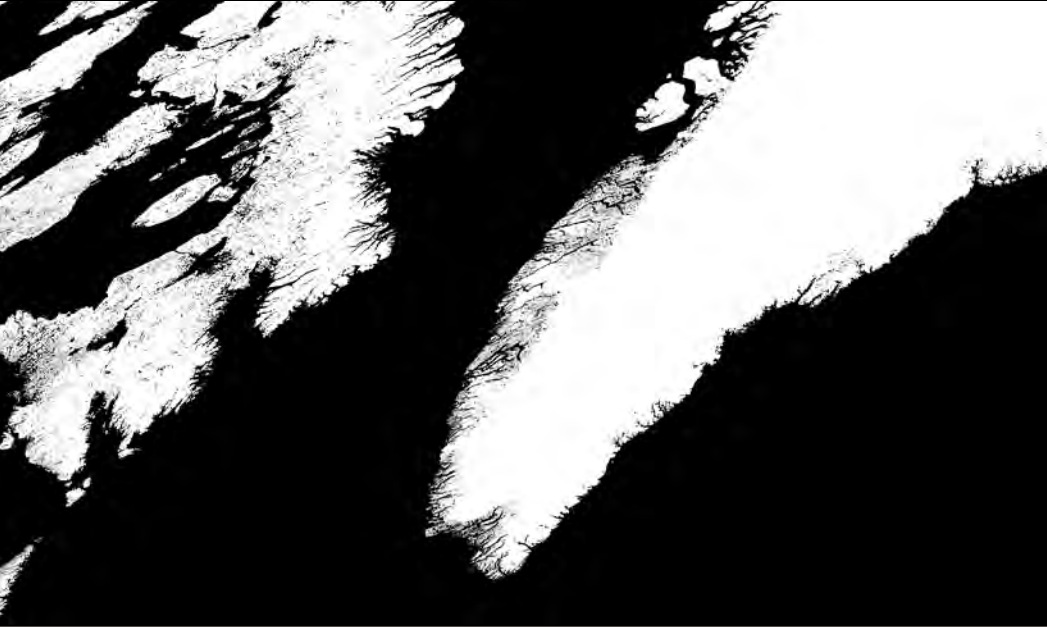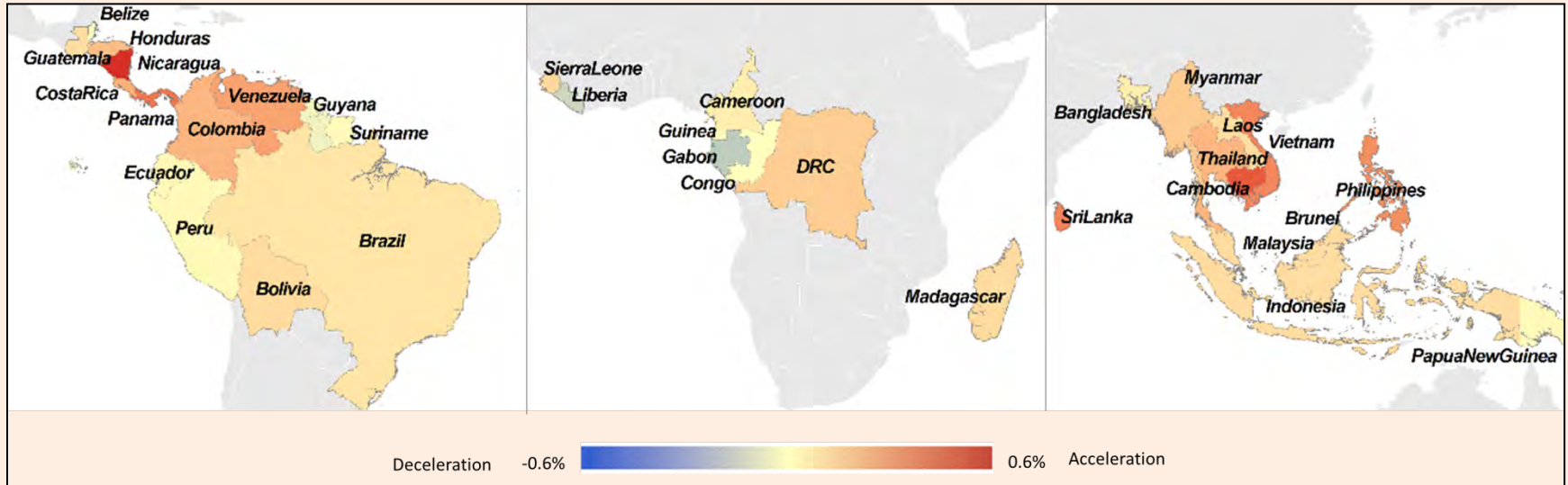
2008

2014

**VCF Tree Cover 2010
Version 5.0**

**VCF Tree Cover 2010
Version 5.1**

Accelerated Deforestation in the Humid Tropics from the 1990s to the 2000s

Acceleration and deceleration of net forest loss for the humid tropics between 1990-2000 and 2000-2010 periods. The values represent the difference in annual net forest area loss between the periods as a percent of land area.

Kim, Do-Hyung, Joseph O. Sexton, and John R. Townshend. "Accelerated Deforestation in the Humid Tropics from the 1990s to the 2000s." Geophysical Research Letters (2015).

Current Activities

- Evaluation of C6 VCF products

- C6 compositing algorithm refinements

- Validation of all layers

- Application of VCF algorithms to VIIRS