



## Benjamin Poulter

Previously, I spent 2000-2005 at Duke University for my PhD, and then carried out post-doc positions at the Potsdam Institute for Climate Impact Research (2006-2009), the Swiss Federal Research Institute for Snow, Forest and Landscape Research WSL (2009-2011), and the Laboratoire des Sciences du Climat et l' Environnement (2011-2013).

My research addresses the role of vegetation dynamics on earth system processes, i.e., carbon and nutrient cycling and climate feedbacks. I work with an ensemble of ecosystem models known as dynamic global vegetation models, or DGVMs, to explore hypotheses related to climate, disturbance, and land-cover change impacts on vegetation. DGVM models provide a useful approach to combine information from forest inventory, flux towers, and remote sensing, with ecological theory, to test predictions at multiple timescales in the past, present, and future.

I am engaged in several multi-model syntheses exercises (MsTMIP, TRENDY, WETCHIMP, LBA) and have contributed to the recent Fifth Assessment Report of the Intergovernmental Panel on Climate Change Working Group I “Chapter 6: Carbon and other biogeochemical cycles” . In 2016, I joined the AAAS Leshner Leadership Institute Public Engagement Fellows program to participate in training and outreach related to climate communication.

Please contact me at [benjamin.poulter@montana.edu](mailto:benjamin.poulter@montana.edu) if you have questions or are interested in joining my Ecosystem Dynamics Lab at MSU!

### Education

- Duke University, Durham NC, PhD (2005)
- University of Idaho, Moscow, BS (1997)

## Positions/Employment

- 8/2016 - Present
- Research Scientist
- NASA Goddard Space Flight Center, Greenbelt, MD
- 
- 8/2016 - Present
- Adjunct Associate Professor
- University of Maryland, Department of Geographical Sciences, College Park, MD
- 
- 1/2014 - 7/2016
- Assistant Professor
- Montana State University, Bozeman, MT
- 
- 5/2011 - 12/2013
- Postdoctoral Researcher
- Laboratoire des sciences du climat et de l'environnement, Saclay, France
- 
- 6/2009 - 4/2011
- Marie Curie Postdoctoral Fellow
- Swiss Federal Research Institute WSL, Birmensdorf, Switzerland
- 
- 8/2006 - 5/2009
- Marie Curie Postdoctoral Fellow
- Potsdam Institute for Climate Impact Research (PIK), Potsdam, Germany

## Fellowships

- 2016-2017 – AAAS Leshner Leadership Institute Public Engagement Fellow
- 2011-2012 – Chinese National Science Foundation Young Foreign Scholars Fellowship
- 2009-2011 – EU Marie Curie FP7 Incoming International Fellowship
- 2006-2008 – EU Marie Curie FP6 Incoming International Fellowship (declined)
- 2002-2005 – NASA Earth System Science Graduate Fellowship
- 2002-2003 – FK Weyerhaeuser Forest History Society Fellowship

## Activities

- Global Carbon Project, Carbon Atlas, TRENDY
- IPCC 5th Assessment Report