

Ranga B. Myneni
(January 2018)

BIODATA

- Citizenship: USA
- <http://sites.bu.edu/cliveg/>

EDUCATION

- Phd in Biology, Department of Biology, University of Antwerp, Belgium, 1985.

EMPLOYMENT

- 1997 to Present: Prof., Dept. of Earth & Environment, Boston University
- 1990 to 1996: Research Fellow at NASA Goddard Space Flight Center

RESEARCH

- Remote Sensing of Vegetation (Theory and Data Analysis)
- Vegetation and Climate Interactions (Modeling and Data Analysis)

TEACHING

- GE 101: Physical Geography
- GE 529: Modeling & Monitoring Terrestrial Ecosystem Processes
- GE 645: Physical Models in Remote Sensing
- More: <http://sites.bu.edu/cliveg/courses/>

STUDENT & REASEACHER TRAINING

- Graduated 18 PhD and 11 MA students as First Reader since January 1997
- Hosted 17 Post-doctoral & Visiting Research Scholars since January 1997
- Current: 2 PhD students & 1 Visiting Scholar

PUBLICATIONS

- 276 Publications and 9 book chapters since 1985
- 32 Publications in Nature Family Journals, Science and PNAS
- Edited Volume (R.B. Myneni and J. Ross [Eds.], "Photon-Vegetation Interactions: Applications in Optical Remote Sensing and Plant Physiology", Springer-Verlag, New York, 1991)
- Yang and Myneni, Analysis, Improvement and Application of the MODIS LAI Products, LAP Lambert Academic Publishing GmbH and Co., Saarbruecken, Germany, ISBN: 978-3-659-00068-3.
- <http://sites.bu.edu/cliveg/people/professors/prof-ranga-b-myneni/myneni-publications/>

RESEARCH GRANTS

- Completed 34 research grants as PI since 1995
- Current 3 research grants as PI
- List of projects: <http://sites.bu.edu/cliveg/projects/>

CITATIONS

- 22,334+ Total Citations (Jan-10-2018)
- Average citations per item: 80

- H-index: 76
- Most cited paper: 1,850 citations to Myneni et al., Increased plant growth in the northern high latitudes from 1981 to 1991, *Nature*, Vol. 386, pages 698-702, 1997.
- 50 articles with more than 100 citations

SERVICE & HONORS

- Alexander von Humboldt Research Award 2017
- Lead Author, IPCC-2013 AR5-WG1-Chapter 6 (Carbon & Other Biogeochemical Cycles)
- Member NASA MODIS, MISR (ex) and NPP-VIIRS Satellite Science Teams
- Highly Cited Researcher in Geosciences 2014

KEY PUBLICATIONS

- Satellite Vegetation Data sets:
Myneni et al., 2002. Global products of vegetation leaf area and fraction absorbed PAR from year one of MODIS data. *Remote Sens. Environ.*, 83: 214-231.
- Greener North:
Myneni et al., 1997. Increased plant growth in the northern high latitudes from 1981-1991. *Nature*, 386:698-701.
- Greener Earth:
Zhu, Piao, **Myneni** et al., 2016. Greening of the Earth and its drivers. *Nature Climate Change*, doi:10.1038/nclimate3004.
- Biomass/Carbon Cycle:
Myneni et al., 2001. A large carbon sink in the woody biomass of northern forests. *Proc. Natl. Acad. Sci. USA.*, 98(26): 14784-14789.
- Amazon Rainforest Seasonality:
Myneni et al., 2007. Large seasonal changes in leaf area of amazon rainforests. *Proc. Natl. Acad. Sci.*, 104: 4820-4823.
- Radiative Transfer:
Myneni et al., 1990. Radiative transfer in three dimensional leaf canopies. *Transport Theory and Statistical Physics*, 19:205-250.