

## Mateus Batistella

EMBRAPA  
Parque Estação Biológica (PqEB)  
Av. W3 Norte (final)  
70770-901 Brasília, DF, Brazil  
[mateus.batistella@embrapa.br](mailto:mateus.batistella@embrapa.br)  
+55-61-3448-1654

### a. Professional Preparation

- University of São Paulo, São Paulo, Brazil Biology B.S. 1987
- Catholic University of São Paulo, São Paulo, Brazil Philosophy B.S. 1987
- University of São Paulo, São Paulo, Brazil Ecology M.S. 1994
- Indiana University, Bloomington, IN, USA Environmental Science Ph.D. 2001

### b. Appointments

- 2016– Visiting Scholar, University of Minnesota
- 2015– Researcher, Embrapa Secretariat for International Affairs
- 2006– Professor, University of Campinas, Brazil
- 1989– Researcher, Embrapa Satellite Monitoring, Brazil

### c. Selected Publications

- Silva, R. F. B. da ; **Batistella**, M.; Moran, E. F. Drivers of land change: Human-environment interactions and the Atlantic forest transition in the Paraíba Valley, Brazil. *Land Use Policy*, v. 58, p. 133-144, 2016.
- Silva, R. F. B. da; **Batistella**, M.; Moran, E. F.; LU, D. Land Changes Fostering Atlantic Forest Transition in Brazil: Evidence from the Paraíba Valley. *Professional Geographer*, v. 1, p. 1-14, 2016.
- Aguiar, A. P. D.; Vieira, I. C. G.; Assis, T. O.; Dalla-Nora, E. L.; Toledo, P. M. de; de Oliveira Santos-Junior, R. A.; **Batistella**, M.; Coelho, A. S.; Savaget, E. K.; Aragão, L. E. O. e C. de; Nobre, C. A.; Ometto, J. P. H. B. Land use change emission scenarios: anticipating a forest transition process in the Brazilian Amazon? *Global Change Biology (Print)*, v. 22, 2015.
- Jonas, M., Ometto, J. P., **Batistella**, M., Franklin, O., Hall, M., Lapola, D. M., Moran, E. F., Tramberend, S., Lanza Queiroz, B., Schaffartzik, A, Shvidenko, A, Nilsson, S. B., Nobre, C. A. Sustaining ecosystem services: Overcoming the dilemma posed by local actions and planetary boundaries. *Earth's Future*, 2 (8): 407-420, 2014.
- Liu, J., V. Hull, M. **Batistella**, R. DeFries, T. Dietz, F. Fu, T. W. Hertel, R. Izaurralde, E. F. Lambin, S. Li, L. A. Martinelli, W. J. McConnell, E. F. Moran, R. Naylor, Z. Ouyang, K. R. Polenske, A. Reenberg, G. De Miranda Rocha, C. S. Simmons, P. H. Verburg, P. M. Vitousek, F. Zhang and C. Zhu. 2013. Framing Sustainability in a Telecoupled World. *Ecology and Society*, 18 (2): 18-26.

- Gardner, T., Ferreira, J., Barlow, J., Lees, A., Parry, L., Vieira, I. C. G., **Batistella**, M. et al. A social and ecological assessment of tropical land uses at multiple scales: the Sustainable Amazon Network. *Philosophical Transactions - Royal Society. Biological Sciences*, v. 368, 2013.
- Lu, D., **Batistella**, M., Li, G., Moran, E., Hetrick, S., Freitas, C. C., Dutra, L. V., Santanna, S. J. S. Land use/cover classification in the Brazilian Amazon using satellite images. *Pesquisa Agropecuária Brasileira*, 47: 1185-1208, 2012.
- Batistella**, M., Bolfe, E. L., Andrade, R.G. Victoria, D.C. Silva, G.B.S. da. 2011. Geotecnologias e gestão territorial da bovinocultura no Brasil. *Revista Brasileira de Zootecnia*, 40:251-260.
- Lu, D., M. **Batistella**; Moran, E.F. Hetrick, S. Alves, D.S. Brondizio, E.S. 2011. Fractional forest cover mapping in the Brazilian Amazon with a combination of MODIS and TM images. *International Journal of Remote Sensing*, 32: 7131-7149, 2011.
- Lu, D., Li, G. Moran, E.F., **Batistella**, M. and Freitas, C. 2011. Mapping impervious surfaces with the integrated use of Landsat Thematic Mapper and radar data: a case study in an urban-rural landscape in the Brazilian Amazon. *ISPRS Journal of Photogrammetry and Remote Sensing*, 76:798-808.
- Lu, D., Li, G. Moran, E.F. Dutra, L. and **Batistella**, M. 2011. A comparison of multisensor integration methods for land-cover classification in the Brazilian Amazon. *GIScience & Remote Sensing*, 48 (3): 345-370.
- Batistella**, M., Valladares, G. S. 2009. Farming expansion and land degradation in Western Bahia, Brazil. *Biota Neotropica*, 9: 60-76.
- Batistella**, M., Moran, E. F. Alves, D.S. Orgs. 2008. *Amazônia: natureza e sociedade em transformação*. São Paulo, Brazil: EDUSP. 304p.
- Batistella**, M., Moran, E.F. Orgs. 2008. *Geoinformação e monitoramento ambiental na América Latina*. São Paulo, Brazil: SENAC. 283p.

#### d. Synergistic Activities

- Director of Embrapa Satellite Monitoring, 2009-2015
- Member of the University of Campinas graduate program in Environment and Society
- Member of the International Scientific Steering Committee for the Large Scale Experiment on the Biosphere Atmosphere of Amazonia (LBA)
- Member of the Brazilian Chapter of the International Association of Landscape Ecology (IALE-BR)
- Member of the Regional Council of Biology in the State of São Paulo, Brazil