BRENDAN HARMON

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Assistant Professor of Landscape Architecture

LSU | College of Art + Design

EDUCATION

2017	**Postdoctoral Fellow** Geospatial Analytics	North Carolina State University
2013 – 2017	**PhD in Design** Co-major in Forestry and Environmental Science	North Carolina State University
2010 – 2012	**Master's of Philosophy in Geography** Focus in Biodiversity, Conservation, and Management	University of Oxford
2005 – 2008	**Master's of Landscape Architecture**	Harvard Graduate School of Design
2001 – 2005	**Bachelor's of Art** Major in Art History	Sewanee: the University of the South

TEACHING AND RESEARCH

2017 – present	**Assistant Professor** Landscape Architecture	Louisiana State University

SIGNIFICANT PUBLICATIONS

Harmon, Brendan (in press). *Computational Design for Landscape Architects*. Routledge.

Harmon, Brendan and Nicholas Serrano (2022a). "Point Cloud Aesthetics". In: *Journal of Digital Landscape Architecture* 7, pp. 335–344. URL: https://doi.org/10.14627/537724033.

Serrano, Nicholas and **Brendan Harmon** (2021). "Digitizing Rosedown Plantation: Documentation Technologies for Landscape Ensembles". Southeast Chapter of the Society of Architectural Historians 2021 Annual Conference. Natchez, Mississippi.

Harmon, Brendan, Helena Mitasova, Anna Petrasova, and Vaclav Petras (2019). "r.sim.terrain 1.0: a landscape evolution model with dynamic hydrology". In: *Geoscientific Model Development* 12.7, pp. 2837–2854. URL: https://doi.org/10.5194/gmd-12-2837-2019.

Harmon, Brendan, Anna Petrasova, Vaclav Petras, Helena Mitasova, and Ross Meentemeyer (2018). "Tangible topographic modeling for landscape architects". In: *International Journal of Architectural Computing*. URL: https://doi.org/10.1177/1478077117749959.

Petrasova, Anna, **Brendan Harmon**, Vaclav Petras, Payam Tabrizian, and Helena Mitasova (2018). *Tangible Modeling with Open Source GIS*. 2nd ed. Springer International Publishing. ISBN: 9783319893020. URL: https://doi.org/10.1007/978-3-319-89303-7.

Petrasova, Anna, **Brendan Harmon**, Vaclav Petras, and Helena Mitasova (2014). "GIS-based environmental modeling with tangible interaction and dynamic visualization". In: *Proceedings of the 7th International Congress on Environmental Modelling and Software*. Ed. by D.P. Ames and N. Quinn. URL: http://www.iemss.org/sites/iemss2014/papers/iemss2014_submission_131.pdf.

RELEVANT GRANTS

Serrano, Nicholas and **Brendan Harmon**. Rosedown Plantation 3D Scan and Documentation. National Park Service Historic Preservation Fund Grant. Louisiana State Historic Preservation Office. 2020-2021. $39,903.