

International Conference on

# Geosciences and Geophysics

October 06-07, 2016 Orlando, USA

## Spatial-temporal occurrences of sinkholes

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Even though sinkhole occurrences continue to receive media attention, more research is needed in the Geosciences. This paper examines the suitability of this work as a Geomorphology application from a Physical Geography standpoint. More specifically, it aims to examine an existing online dataset in search of any spatial-temporal trends in sinkhole formation in Florida counties where there are limestone deposits. Although dates have been reported for known reported sinkholes, considerations have not particularly focused on the temporal span of occurrences. By examining the seasonality of sinkhole occurrence, for example, it is possible to discern any effects of heating or cooling associated with processes that are connected to temperature and seasonal climate. This study is relevant to an understanding of climate change impacts on the formation and appearance of these erosional landforms.

### Biography

Mary J Thornbush received her Doctorate from the University of Oxford (UK) in 2006 and graduated from the University of Toronto (Ontario, Canada) with MSc (2001) and Hon BSc (1998) degrees. She has Post-doctoral research experience from the Oxford University Centre for the Environment (2006-2007), University of Birmingham (UK, 2010-2015), and Brock University (Ontario, Canada, 2015-2016). She has over 50 publications. She has delivered numerous presentations in North America and Europe since 2000. Her contributions to editing include special issues in academic journals (since 2012) and books published by Elsevier, Springer, and Bentham Science (since 2014).

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