

# Vasu Misra

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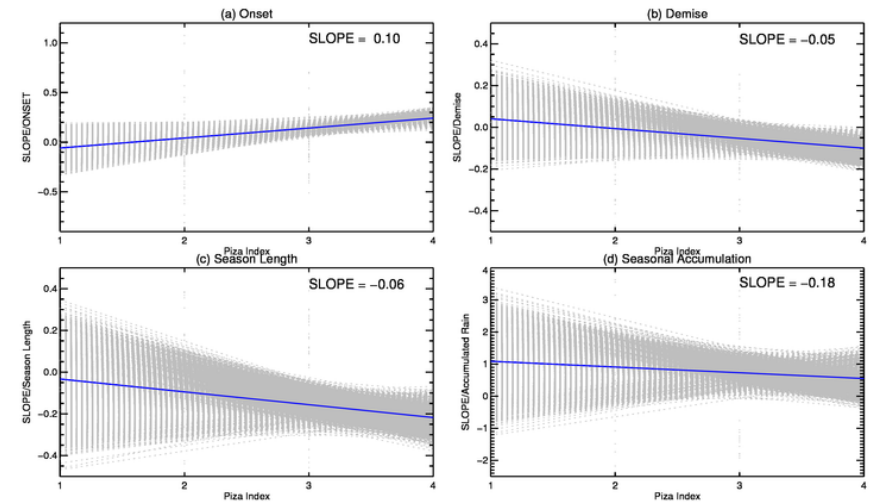
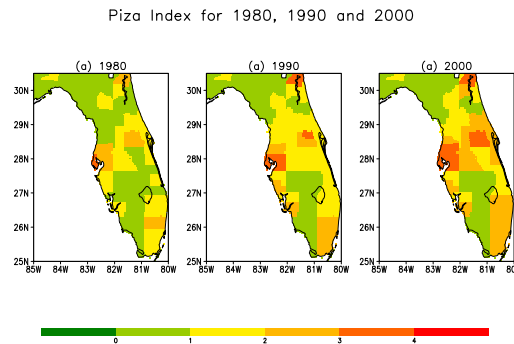
- **My Research Background:** Climate scientist, worked extensively on global and regional climate (especially of Florida)
  
- **How I'd Like to be Involved in a Smart Cities Project:** There is significant changes in the observed climate over Florida from land cover and land use changes. We could model this sensitivity of the regional climate to land cover and land use change. Further, also assess the impact on the regional climate from other potential Engineering solutions in building Smart Cities.

# Publications

1. The Potential role of land cover on secular changes of the hydroclimate of Peninsular Florida (in embargo)

2. Characterizing the rainy season of Peninsular Florida (<http://coaps.fsu.edu/~vmisra/rainyFL.pdf>)

3. The oceanic influence on the rainy season of Peninsular Florida (<http://coaps.fsu.edu/~vmisra/rainyseason.pdf>)



1. Florida urban areas are displaying a trend of later onset, earlier demise and resulting shorter length of the wet season compared to the rural areas.
2. The differences in the trends of the wet season rainfall accumulation between Florida's rural and urban areas are however insignificant. This suggests that there is a trend for summer rains to be stronger in urban areas relative to rural regions.