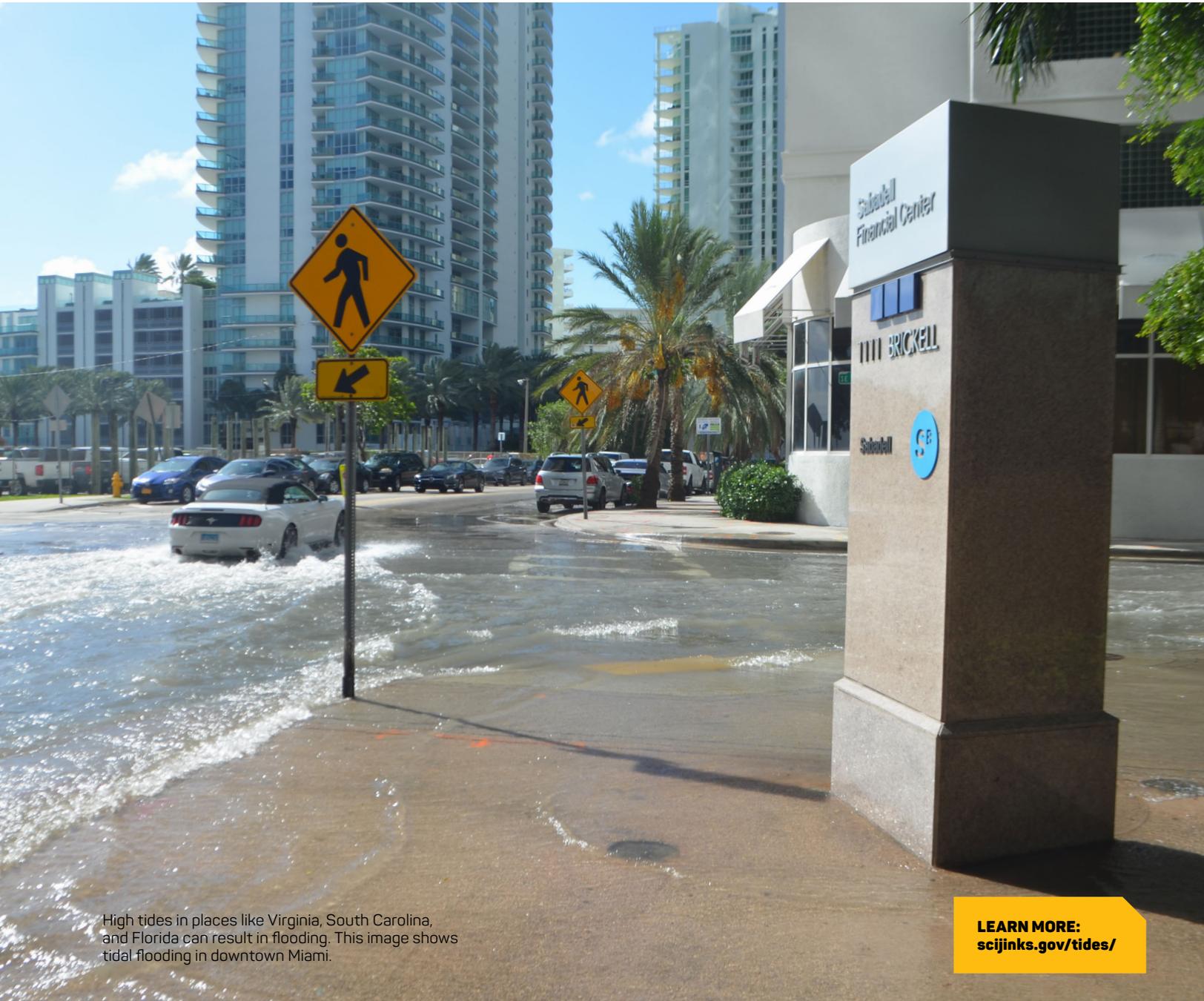


Tides and the Moon

Tides can sometimes cause coastal flooding.



High tides in places like Virginia, South Carolina, and Florida can result in flooding. This image shows tidal flooding in downtown Miami.

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Tides on Earth occur naturally, but sometimes they can cause flooding in coastal communities.

Every day, our planet experiences high tide and low tide thanks to the gravitational tugs of the Moon and Sun. Higher-than-normal tides occur when the Moon and Sun are tugging on Earth in the same direction. These “king tides,” paired with rising sea levels, can cause flooding in low-lying areas. Some cities, like Miami, Florida, regularly experience flooding.