



MapToLearn

Creating student success, one map at a time

Newsletter - Vol. 1, No. 14, November 23, 2017

15,000 Scientists sign letter warning of catastrophe

“More than 15,000 scientists around the world have [issued a global warning](#): there needs to be change in order to save Earth. It comes 25 years after the first notice in 1992 when a mere 1,500 scientists issued a similar warning.” (Source: [CBC News](#))

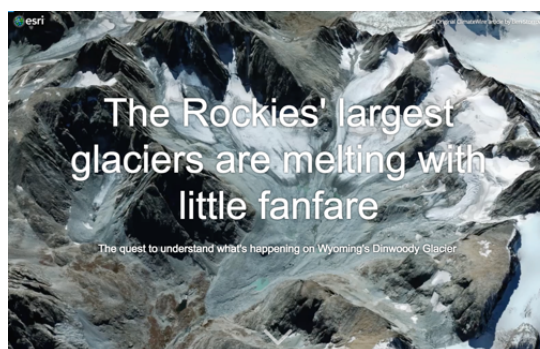
There are many story maps in the Esri Galleries that can support students in their questioning and learning about climate change and its impact on the entire world. Below is a sampling of what can be found.



An Ocean of Story Maps

“The Story Maps in this collection were chosen for the outstanding ways that they are informing, educating, and inspiring scientists, conservationists, decision-makers, and the general public, on a wide variety of ocean issues.”

Source: [Esri](#)



The Rockies' largest glaciers are melting with little fanfare

“A new world is emerging in the wake of the receding ice. In a vast, glacially carved basin, where towering spires of granite dominate the skyline, a small colony of stunted Engelmann spruce has taken up residence in a pile of rocky debris, some 500 feet above

the tree line. Bees flit among the yellow mountain asters dotting the boulder field at the glacier's base. Grass grows along a stream where there was, until recently, only snow and ice.”

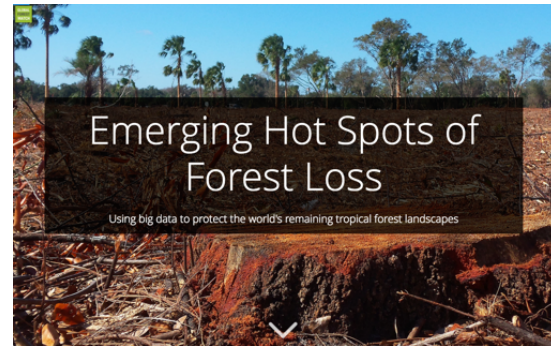
Source: [Esri](#)



The Western Monarch: Struggling for Survival

“The Monarch Butterfly is one of the most recognizable species of wildlife in all of North America. They undertake one of the world’s most remarkable and fascinating migrations, travelling thousands of miles over many generations from Mexico, across the United States, to Canada.”

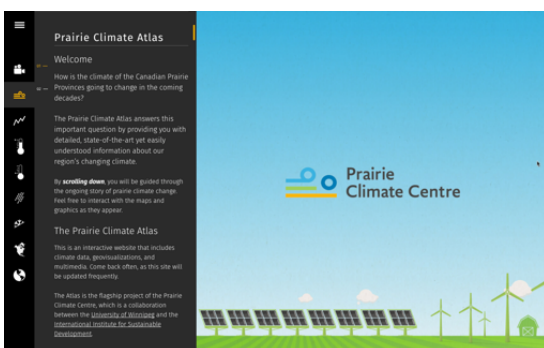
Source: [U.S. Fish & Wildlife Service](#)



Emerging Hot Spots of Forest Loss

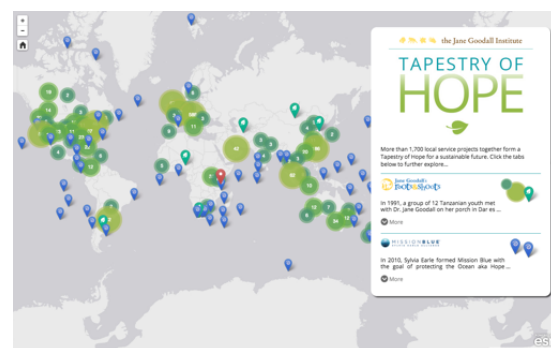
“Global food demand is on the rise. On our current trajectory, we’ll need about 70 percent more food calories in 2050 than in 2006. Tropical forests are particularly vulnerable as new agriculture expands onto previously forested land to produce more beef, timber, palm oil and soy and other agricultural commodities.”

Source: [Global Forest watch](#)



Prairie Climate Atlas

“How is the climate of the Canadian



Tapestry of Hope

“More than 1,700 local service

Prairie Provinces going to change in the coming decades? The Prairie Climate Atlas answers this important question by providing you with state of the are yet easily understood information about our regions changing climate.”

Source: [Prairie Climate Centre](#)

projects together form a Tapestry of Hope for a sustainable future. Click the tabs below to further explore...

Source: [the Jane Goodall Institute](#)

Previous Newsletters

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Best regards!

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