

# **Topic 2c – Biodiversity and conservation**

## **Video 2c Imagery**

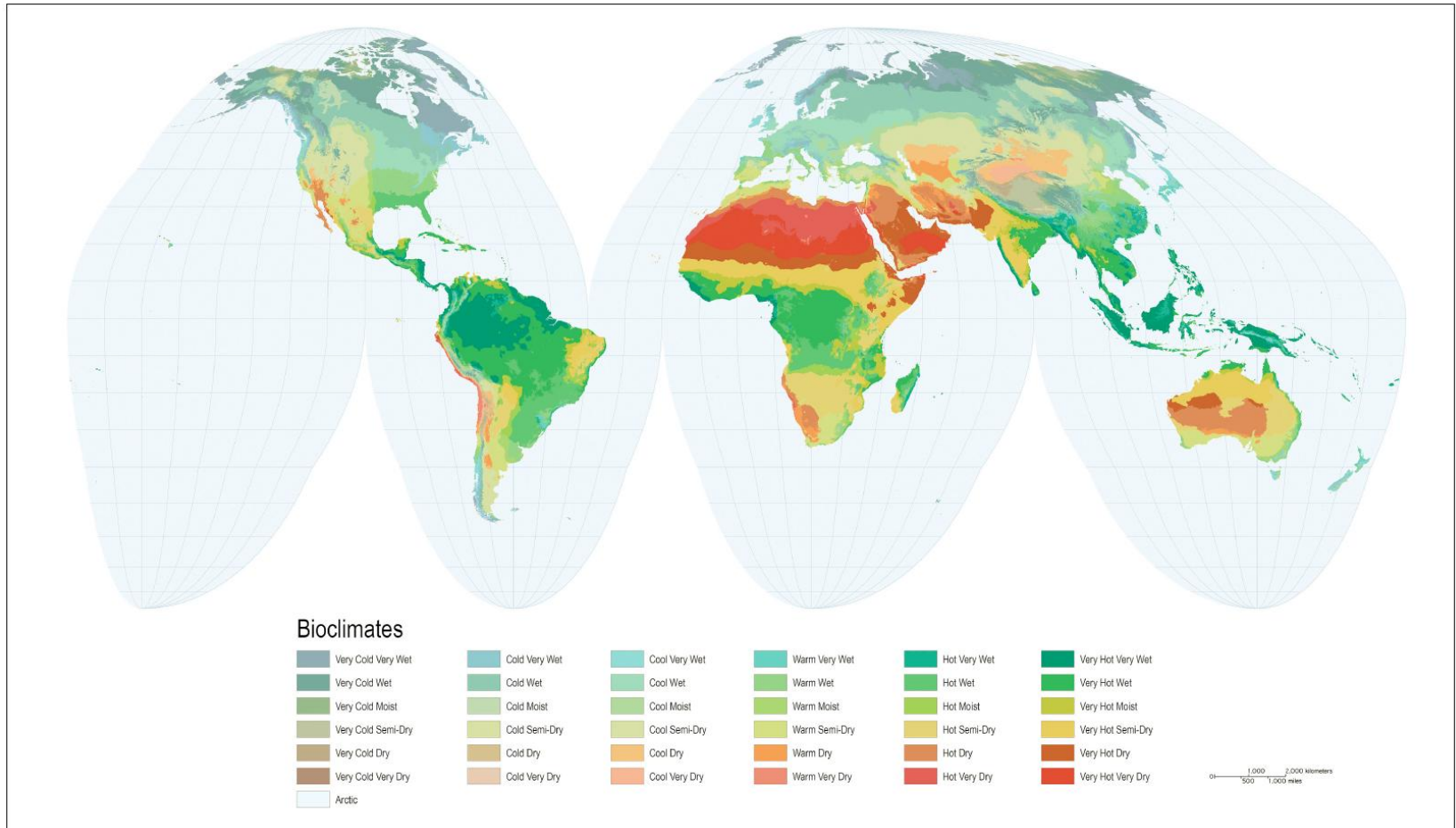


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# Bioclimates Map

## Map of global bioclimates

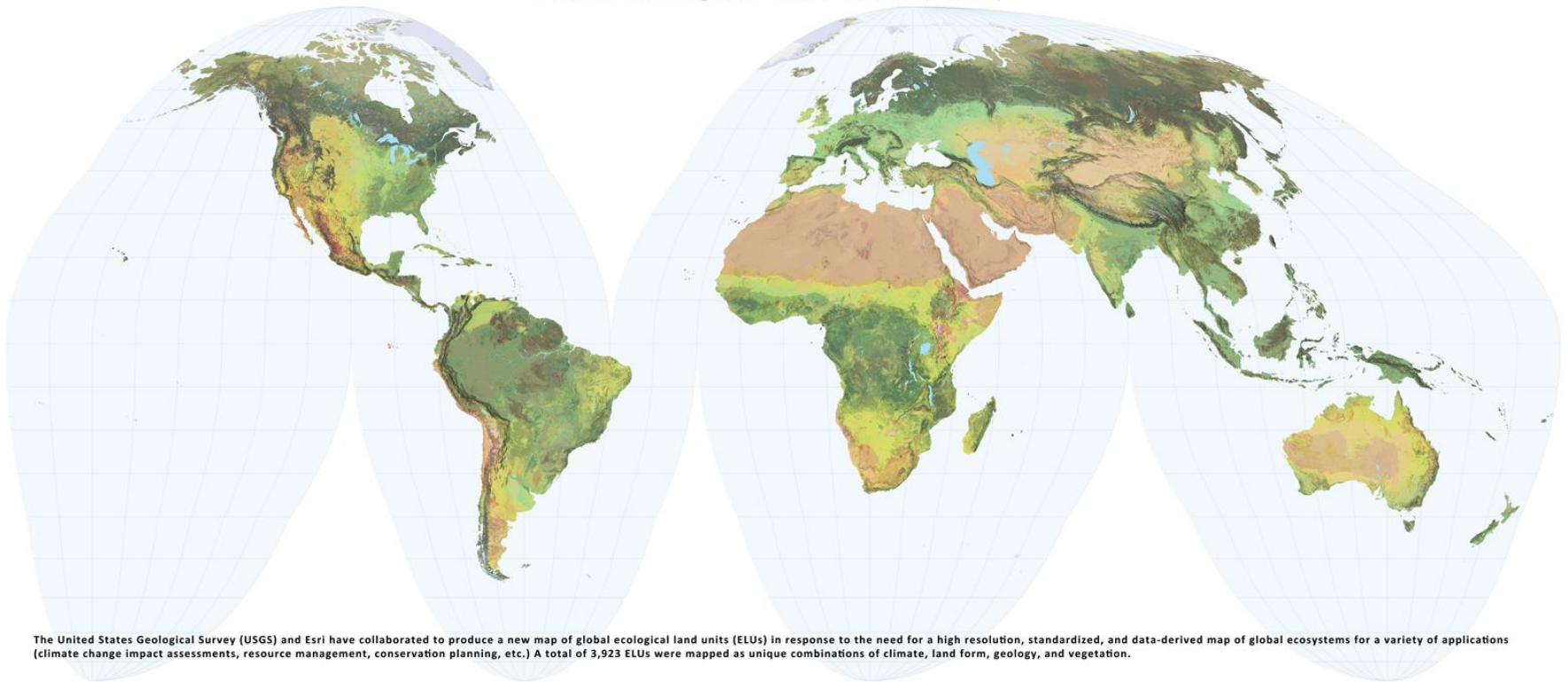


Source: <http://data-informed.com/mapping-the-earth-and-its-future-with-big-data/>

# Global ELUs

## Global Ecological Land Units Map

Global Ecological Land Units (ELUs)

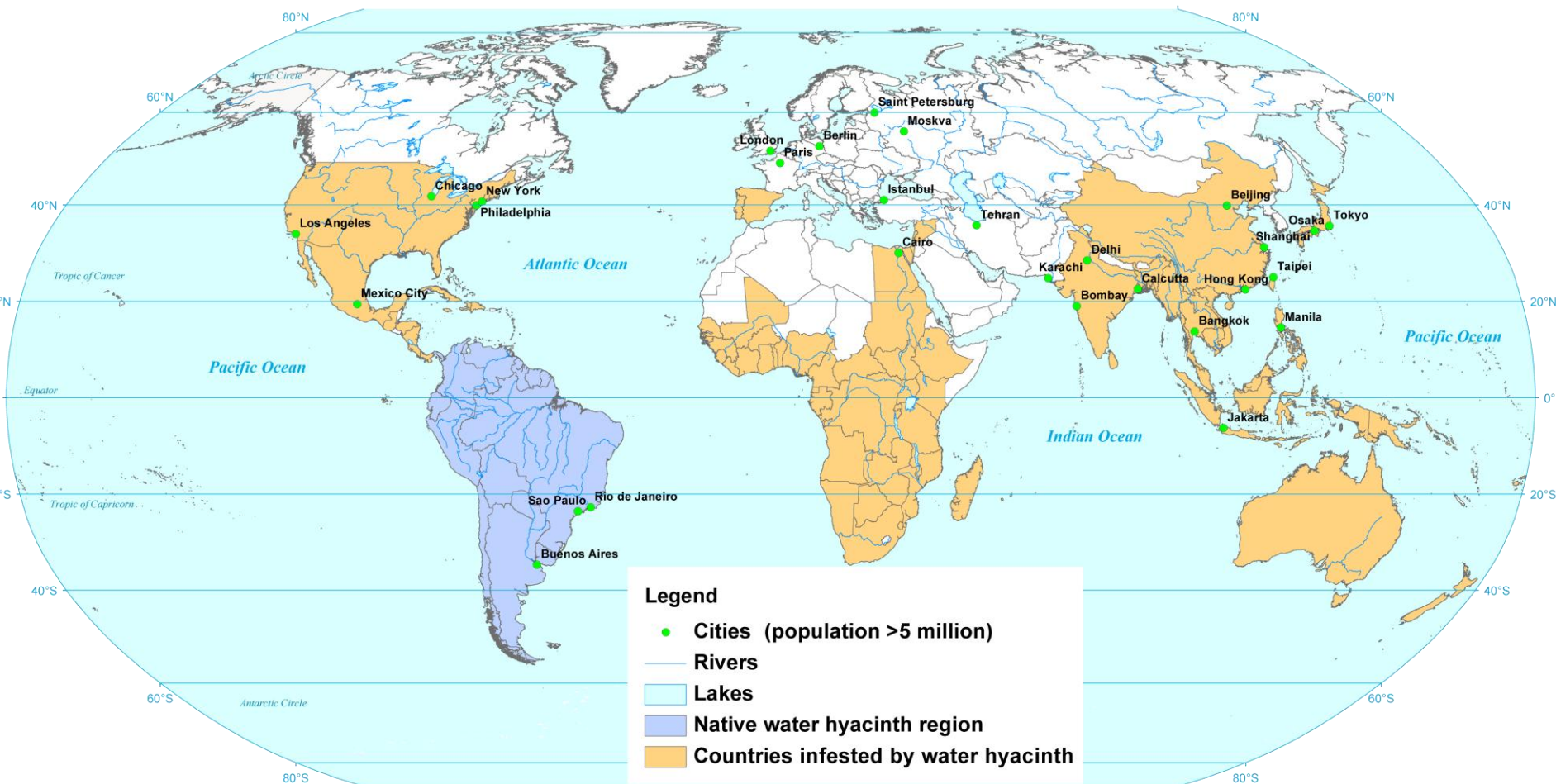


The United States Geological Survey (USGS) and Esri have collaborated to produce a new map of global ecological land units (ELUs) in response to the need for a high resolution, standardized, and data-derived map of global ecosystems for a variety of applications (climate change impact assessments, resource management, conservation planning, etc.) A total of 3,923 ELUs were mapped as unique combinations of climate, land form, geology, and vegetation.

Source: <http://data-informed.com/mapping-the-earth-and-its-future-with-big-data/>

# Global Distribution of Water Hyacinth

## Global distribution of invasive species water hyacinth

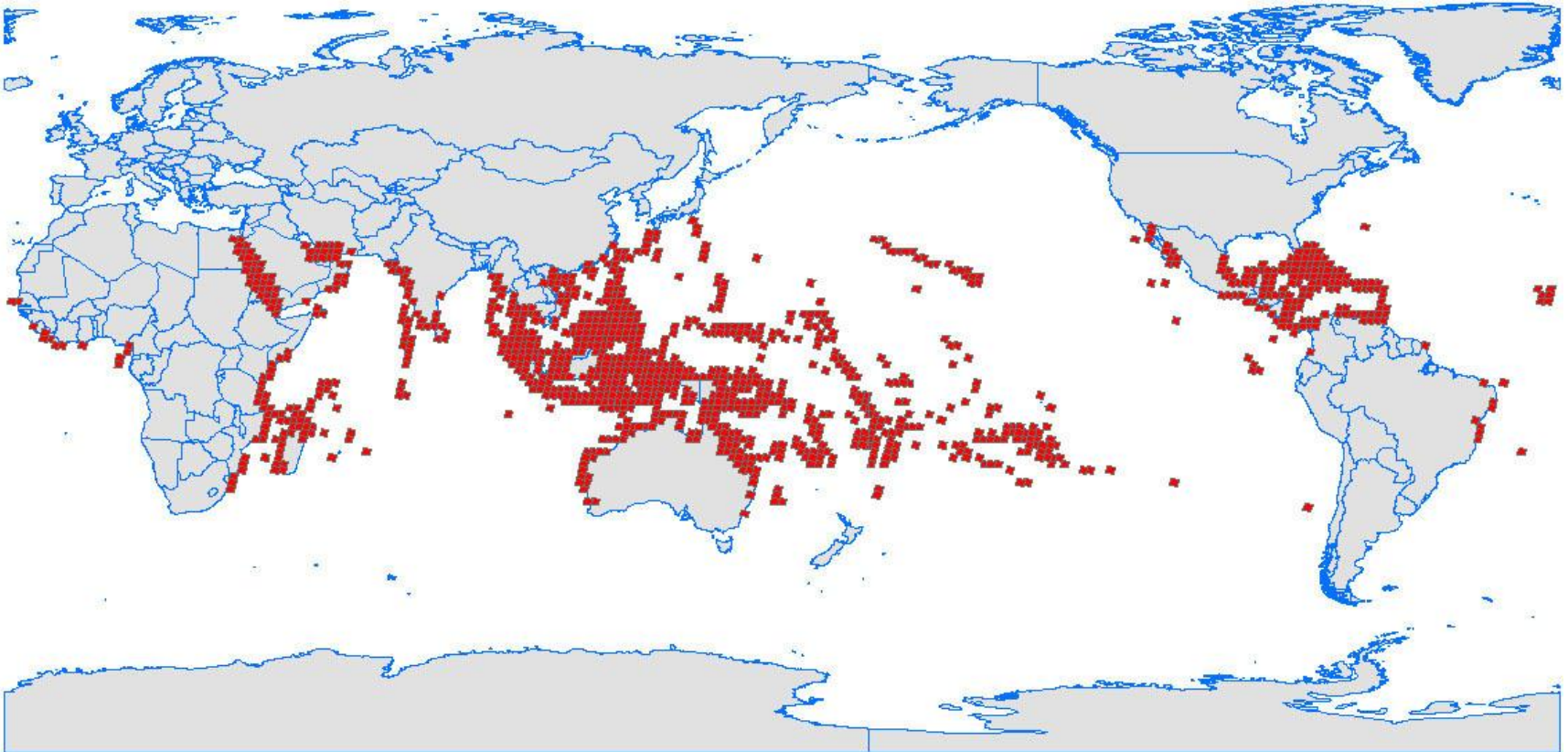


Source: [http://na.unep.net/geas/getUNEPPPageWithArticleIDScript.php?article\\_id=98](http://na.unep.net/geas/getUNEPPPageWithArticleIDScript.php?article_id=98)



# Coral Reef Map

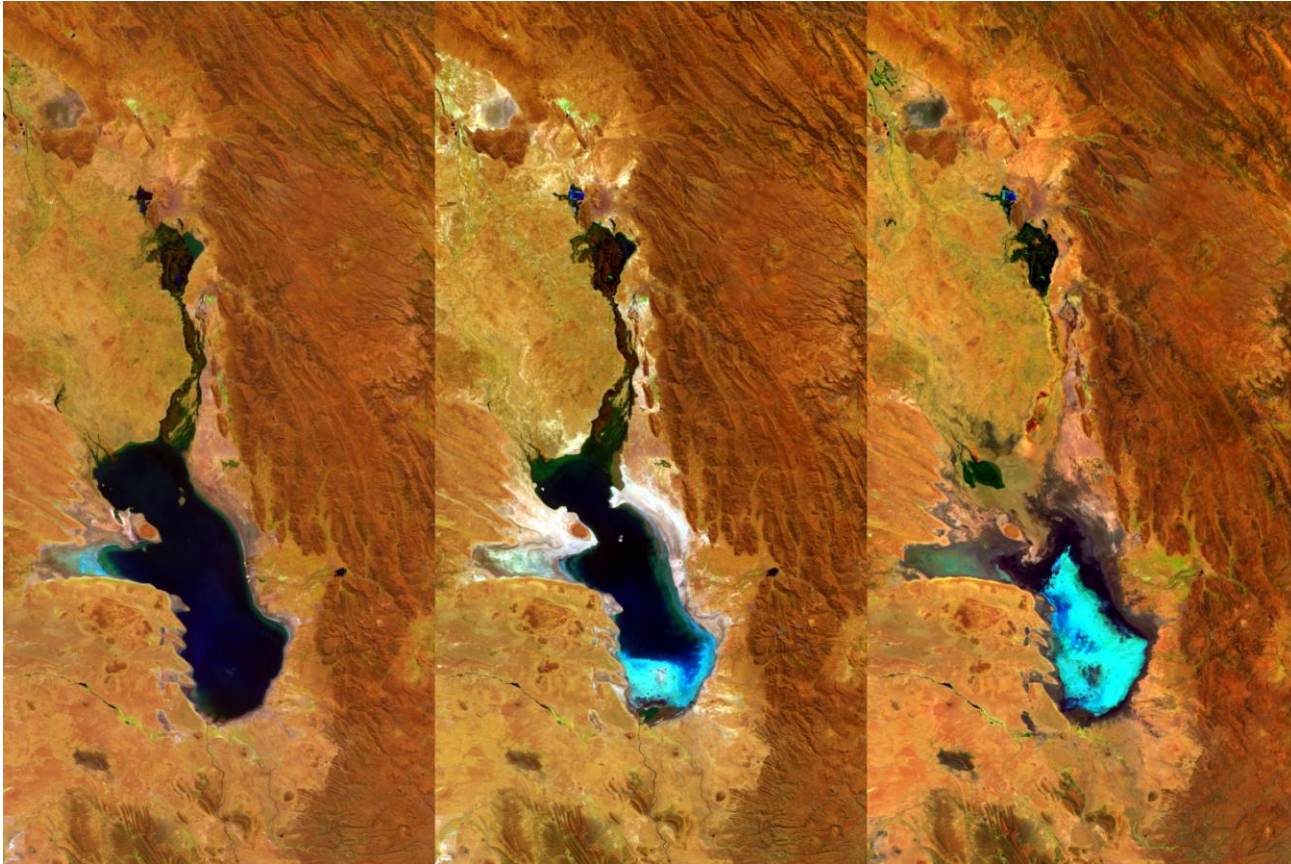
Global view of location of coral reefs, created from  
Landsat 7 data



Source: [http://www.nasa.gov/vision/earth/lookingatearth/coral\\_assessment.html](http://www.nasa.gov/vision/earth/lookingatearth/coral_assessment.html)

# Lake Poopó Evaporation

Taken by Proba-V in 2014, 2015 and 2016



Source: [http://www.esa.int/spaceinimages/Images/2016/02/ProbaV\\_tracks\\_Lake\\_Poopo\\_evaporation](http://www.esa.int/spaceinimages/Images/2016/02/ProbaV_tracks_Lake_Poopo_evaporation)



# Amazon River

## Deforestation example – false colour Kompsat-2 image



Source: [http://www.esa.int/spaceinimages/Images/2013/10/The\\_Amazon\\_River](http://www.esa.int/spaceinimages/Images/2013/10/The_Amazon_River)