

Assignment Overview

Africa is a vast continent made up of 54 countries, each with a varied history and culture. It is rich in resources and flora and fauna and is covered by a variety of terrains that shape the people who live in them. This region of the world evokes beauty and mystery and has the attention of many in the international arena.

Using your ArcGIS Online account, you are tasked with exploring the largest cities in Africa, and you will look at the relationship between population density and bodies of water in the continent.

The following tutorials should be referenced to help you complete the assignment:

- Introduction to ArcGIS Online - <http://bit.ly/2n1AeMm>

Assignment Tasks

1. Sign into ArcGIS Online.
2. Search for “**Exploring Africa ArcCanada**” in the search box.
3. Open the Web map.




4. Use the Search bar to locate Africa.
 5. Explore the continent and define the relationship that exists between **population density** and **bodies of water**.
 6. Create **Map Notes** to show three of the most densely populated cities - **Lagos, Cairo, and Kinshasa** in Africa. Name the map notes layer “**Densely Populated Cities**”
Each map note should include:
 - An applicable **title**,
 - Unique and appropriate **symbolology**,
 - **Pictures** (that you have found online) related to the location,
 - And a **description** (at least 1-2 sentences).
 7. Once you have created all the **Map Notes**, zoom into each of the cities and **explore** the surroundings.
- Q** Based on the location of each of the cities, what similarities do you notice between all three of them?
8. Search for the “**Earth at Night**” layer and add it to your map.
 9. Explore the map and compare Africa to other continents.
- Q** To what extent is the light at night connected to the development of a country or continent?
10. **Save** your map.



Exploring Africa

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