



THE UNIVERSITY OF ARIZONA  
COLLEGE OF SOCIAL & BEHAVIORAL SCIENCES

## Center for Middle Eastern Studies

**Title:** Understanding the United Nations Sustainable Development Goals and Which Specific Goals have been Identified by the Hashemite Kingdom of Jordan as the Most Important for Implementation.

**Author:** Dina DiSantis

**Target Audience:** AP Environmental Science Lesson Plan – 11<sup>th</sup> and 12<sup>th</sup> Grade

### Learning Objectives

Students will research the United Nations 2015 Sustainable Development Summit, in order to understand what the 17 Sustainable Development Goals (SDG's) are that the United Nations (UN) developed and provided to Member States in order to end poverty, fight inequality and injustice, and tackle climate change by 2030. Students will then delve in deeper by researching specifically what the country of Jordan is doing to target what they believe are the most important goals for country. Students will be reading documents and viewing videos to gain better insight into these topics as they pertain to Jordan.

**Pennsylvania State Standards: This lesson meets the following Pennsylvania State Standards.**

- 4.1.12.C Research how humans affect energy flow within an ecosystem.
- 4.1.12.E Research solutions addressing human impacts on ecosystems over time
- 4.2.12.A Examine environmental laws related to land use management and its impact on the water quality.
- 4.2.12.C Analyze the effects of policies and regulations at various governmental levels on water quality
- 4.3.12.A Evaluate the advantages and disadvantages of using renewable and nonrenewable resources.
- 4.3.12.B Analyze factors that influence the local, regional, national, and global availability of natural resources.
- 4.5.12. A Research how technology influences the sustainable use of natural resources.

**Part 1:** Understanding the United Nations 17 Sustainable Development Goals.

**Directions:** To gain a better understanding of what the United Nations (UN) Sustainable Development Goals are, please visit the website below, read over the material and answer the question that follow.

<https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

1. In a clear essay please describe what the 17 Sustainable Development Goals are and what global challenges they address. This will be typed on a separate piece of paper, attached and handed in for a grade.

**Part 2:** Understanding what Sustainable Development Goals Jordan believes will address the most pressing challenges in Jordan's environmental development.

**Directions:** To gain a better understanding of what the United Nations (UN) Sustainable Development Goals Jordan has chosen to concentrate on implementing by 2030, please read over the documents and watch the video link below in order to answer the question that follow.

**Documents:**

<https://sustainabledevelopment.un.org/content/documents/16289Jordan.pdf>

<http://wanainstitute.org/en/project/sustainable-development-goals-jordan-and-beyond>

[http://wanainstitute.org/sites/default/files/publications/Publication\\_SDGGuidingNote\\_English\\_0.pdf](http://wanainstitute.org/sites/default/files/publications/Publication_SDGGuidingNote_English_0.pdf)

**Video: Jordan's Pathway Towards Sustainability**

<http://wanainstitute.org/en/videos/jordans-pathway-towards-sustainability-implementing-sustainable-development-goals-sdgs>

**Questions:**

1. What are Jordan's most pressing environmental problems and what are the SDG's Jordan's government has chosen to implement based on the country's needs? Please list and explain each goal in detail.
2. Does Jordan have any natural energy resources? \_\_\_\_\_
3. What are the major factors associated with the pressures that are being placed on Jordan's natural resources? Be specific. By giving examples of each.
4. What opportunities for Jordanians that will be provided by the implementation of the SGD's.

**Part 3:** Watch the short documentary (link below). The documentary portrays the life and struggles of the villagers of Al-Karamah in the Jordan Valley. Through the voices of local residents telling their stories, the viewer learns more about how a lack of clean water, energy supply, and lack of other services has changed the village dynamics over time. On a separate piece of paper, typed and attached please summarize the issues leading to the change in Al-Karamah and how the area has changed over the years.

**Documentary: Al-Karamah ... Karameh** <http://wanainstitute.org/en/videos/documentary-al-karamah-karameh>

**Part 4:** Watch the short video and answer the questions that follow.

**Video: “Local Communities in Jordan Train for Climate Change Adaptation”**  
<http://wanainstitute.org/en/videos/local-communities-jordan-train-climate-change-adaptation>

**Questions:**

1. Summarize what took place at the workshops and who the target audience was.
  
  
  
  
  
  
  
  
  
  
2. Summarize what the participants learned and what goals they have moving forward, following the training workshop.

**Part 5:** Watch the short video called and answer the questions that follow.

**Video: Human Security in Action: Environmental Security**  
<http://wanainstitute.org/en/videos/human-security-action-environmental-security>

**Questions:**

1. Summarize the links between environmental security issues and human security issues. Make sure you include a few of the points, Adnan Zawahreh, Director of the Environment discusses in the video.