

## **Professional Studies at Sophia University Fall Semester 2023**

### **LECTURE 1**

Course Introduction and First Case Study: Love Canal. This is considered a cornerstone case study of environmental studies. Here we learn about the complexities of industrial pollution and the ensuing adverse environmental and health problems. **READING:** Chapter 3 Love Canal: Hazardous Waste and the Politics of Fear

### **LECTURE 2**

What is the role of protected areas (PAs)? We will look at case study exploring national parks, protected areas and outdoor recreation activities. Through this case study we will look at multilateral environmental agreements such as the Convention of Biological Diversity and the role of global environmental policy in setting global targets to be met by local communities. **READING:** Chapter 8 Playground or Paradise? Snowmobiles in Yellowstone National Park

### **LECTURE 3**

Energy security is on the minds of many, particularly since the outbreak of the conflict between Russia and Ukraine. What is energy security? How do we balance our need to protect environmentally important lands while meet our energy needs? This case study from Alaska USA will help us explore these challenging questions we are currently facing in 2023. **READING:** Chapter 5 Oil Versus Wilderness in the Arctic National Wildlife Refuge

### **LECTURE 4**

Land use, deforestation are the main drivers/causes of climate change. Often land use change is a result of clearing forests to increase agricultural lands to provide food for our ever-increasing global population. How do we meet the SDGs aims of “leave no one behind” and ensure “zero hunger” and reduce the GHG emissions from these activities? We will explore these challenging questions of land use, food security and dietary / consumer choices and the costs to the environment in this lecture. **READING:** Chapter 6 Federal Grazing Policy: Some Things Never Change

### **LECTURE 5**

70% of the globe is the ocean. How to transcend human drawn borders to protect marine environments and species across geopolitical borders will be discussed in case study. **READING:** Chapter 12: Trade Versus the Environment: Dolphins, Turtles, and Global Economic Expansion

### **LECTURE 6**

We will talk about the adverse impacts of climate change (i.e. sea level rise, increased drought extreme weather events, among others) but what about the people who are on the frontlines off climate change impacts? When their communities/countries are no longer habitable, where do they go? This lecture will look at Environmental Diplomacy and “Climate Refugees” - whose responsibility are they? No reading for this lecture.