

Climate Changes Impacts on the World and Iran Environment

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The main purpose of the paper is to provide information on possible impacts of climate change not only in the world but also in Iran, consistent with current scenario and climate models. Climate model show that the main environmental impacts in global scale is increasing of annual temperature because of concentrations and emissions of greenhouse gases. Precipitation patterns, frequency and intensity, glacier volume, snow cover are changing and generally are decreasing. Iran is under intensive climate change impacts such as other countries in the World. Increasing of annual temperature and decreasing of water resources is the main environmental challenges in the Iran. Increasing of annual temperature, decreasing of rain fall, rapid urbanization and increasing of water consumption are increasing rate of the environmental impacts in Iran relative to other parts of the world. This climate changes results water scarcity, crop revenue, and more desertification and dust pollution. This would be impacts not only on ecosystems, environment, life conditions, and water scarcity but also in the food security of the peoples.

Keywords: Impacts, Climate change, Global warming, World, Iran

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