



## The severe impacts of global warming

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### Abstract

The atmosphere bounded the Globe is, all alone that provide and perpetuate life conditions that keep us alive in comparison with other planets that has no life conditions whether far or closer to the earth. Let's be grateful for the unique atmosphere we have had for so long, supported all living things. Let's not destroy it as we are doing now. Global warming can be defined as the gradual increase in the universal thermal average that leads to environmental and climatological changes which causes humanitarian, environmental and natural disasters that have been seen today. In other words, global warming could be simply defined as climate catastrophe. Temperature is one of the main indicators of global warming. The temperature of Mosul area has been measured for both months April and May of 2013 and 2014 and compared with the annual monthly temperature of the period 1980-2001 of Mosul city. The recorded temperature shows rising level and gives a clue of significant changes in the climate. The aim of this study is for making people know what is meant by global warming focusing on things that related to its happening and the way of limiting it even personally, more over discussing the emission of very harmful gases referred to as Greenhouse Gases (GHGs) such as CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O and CFCs, that causes global warming. Other gases such as CO, SO<sub>2</sub>, H<sub>2</sub>S and O<sub>3</sub> were also discussed in this research. Moreover, the lawful circumstances for limitation and manipulation of this phenomenon are also discussed. Global warming is the major challenge for our global society. Global warming will change our climate in this century such as increasing temperature, rising in sea level and significant changes in weather patterns, and more extreme climate events. This is not the end of the world as envisaged by many environmentalists in the late 1980 and early 1990, but it does mean a great deal of misery for billions of people.

### Biography:

Taha Hussein Al-Salim has completed his MSc from Mosul University and his PhD from Durham University in UK. He is an Assistant Professor since 2002 and has published more than 22 researches in national and international reputed journals. He has participated in several conferences such as Nottingham in UK, Turkey, Egypt, Iraq, KSA, Oman and Dubai. He had different job position in Mosul University such as Head of the Department of Engineering Science in Remote Sensing Center, then Head of the Department of Environmental Technology, College of Environment. Presently he is one of the Staff of Department of Environmental Technology, Teaching Hydrogeology and Water Quality for both undergraduate and post-graduate students.