

**SOCI 101**

# INTRODUCTION TO SOCIOLOGY

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## Environmental Sociology

人口  
Rénkǒu

工业化  
Gōngyèhuà

城市化  
Chéngshìhuà

**Population** increases in recent years in combination with **Industrialization** related to **Urbanization** has created global environmental impacts.

The most wide-ranging effects have been related to global **Climate Change.** 气候变化  
Qìhòu biànhuà

**1.a. Climate Change** (i.e. "Global Warming")

An increase in CO<sub>2</sub> (carbon dioxide) and other greenhouses gasses (GHG's) over the past century has been observed, and it is hypothesized that this is a result of industrialization (chiefly due to the burning of fossil fuels). 化石燃料  
Huàshí ránliào

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## Environmental Sociology

**b.** Because of an increase in CO<sub>2</sub> and other industrial gasses, **the earth's temperature has increased in the past century due to the "greenhouse effect."** 温室效应  
Wēnshì xiàoying

The greenhouse effect warms the atmosphere by trapping heat radiation near the earth's surface.

Human industrialization is clearly linked to the greenhouse effect.

工业化 → 温室效应  
Gōngyèhuà → Wēnshì xiàoying

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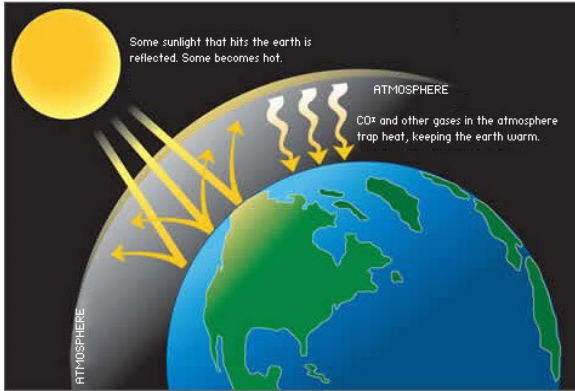
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The Greenhouse Effect 温室效应  
Wēnshì xiáoyīng




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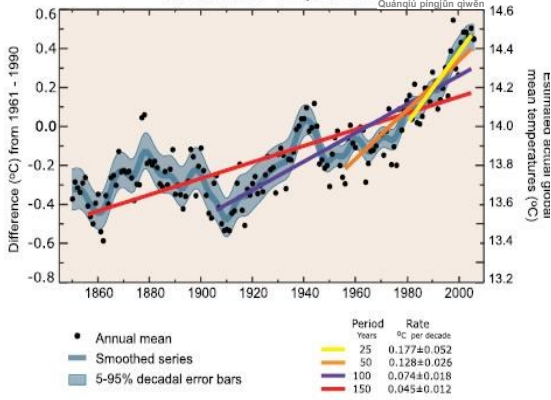
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Global Mean Temperature 全球平均气温  
Quánqiú píngjūn qìwēn




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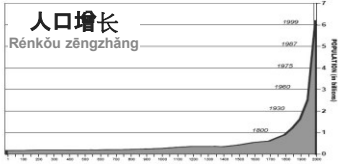
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Human Population Growth Since 1 A.D.



温室气体增长  
Wēnshì qìtǐ zēngzhǎng




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## Environmental Sociology

### 2. The list of environmental problems related to social development is long:

环境问题  
Huánjīng wèntí

废物处理和燃料  
Fèwù chǔlǐ hé ránliào

酸雨  
Suānyǔ

空气污染  
Kōngqì wūrǎn

大规模灭绝  
Dàquīmóuānjié

a. Waste Disposal (**Toxic**; **2**, and **Non-Toxic**; **SGP**)

b. Water supply **pollution** and **scarcity** **2** 水污染  
Shuǐ wūrǎn

c. Acid Rain **1** | **2**

d. **Oil Spill Contaminations** 漏油污染  
Lòu yóu wūrǎn

e. Air pollution **1** | **2**

f. **Ocean Acidification** 海洋酸化  
Hǎiyáng suānhuà

g. **Reduction in biodiversity** (species extinction)

**Are we undergoing another mass extinction?**  
**Evidence** of link between sea-level rise and extinction

h. **Climate Change** 气候变化  
Qìhòu biànhuà

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## Future Social Change

### 3. With all these problems, does hope exist in a world out of balance? **Yes!** 希望在哪里 Xīwàng zài nǎlǐ

a. Hope exists in the individual:

People should act according to their "calling"; you must study the **Social Problems (SOC1 201)** that worry you in order to fix them.

"The aim of life is to know thyself." -- Socrates

"Freedom is what you do with what's been done to you." 希望在个人行动...  
-- Jean Paul Sartre, French philosopher (1905-1980) Xīwàng zài gèrén xíngdòng...

b. Hope exists in the "public sphere" of society:

Free people can act together in collective projects and **Social Movements – (SOC1 360)** to foster positive social change.

"Be the change you want to see in the world." - Anon

...注意到我们的社会关系。  
... Zhùyì dào wǒmen de shèhuì guānxì.

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## Future Social Change

Q: Does hope exist in a world out of balance?

A: **Yes!**

c. **Sociology** opens the door to critically examining **your self, your society, and the relationship between the two.** 自我 ← 机构 角色 → 社会  
Zìwǒ ← Jīgòu, juésè → Shèhuì

**Biography / Self ← (institutions, roles) → Society / History**

*The Sociological Perspective*

can help **build the new communities** needed in the 21<sup>st</sup> century to **overcome the injustices and social problems** constructed in the last century.

**社会学** 我们可以克服社会问题  
Shèhuì xué wǒmen kěyǐ kèfú shèhuì wèntí

Shèhuì xué wǒmen kěyǐ kèfú shèhuì wèntí

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**ON CAMPUS**  
2017

**Goodbye!**  
再见  
Zàijiàn

अलविदा  
Alavida

Tạm biệt

*and*

**Thank you!**

美国国旗

Cảm ơn bạn

धन्यवाद  
Dhanyavaad

谢谢  
Xièxiè

中国国旗

越南国旗

印度国旗

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