

# Climate Change Concepts, Science, and Impacts - Conference proceedings

**1. Title: Belly of the beast. Paper presented at the 6<sup>th</sup> Annual Conference on Greenhouse Gases and Animal Agriculture.** Schmidt, D. (2016, March 7).

**Description:** Front and center in the debate over what to do about rising levels of greenhouse gases (GHGs) is livestock production. World-wide the FAO estimates the livestock sector contributes about 14.5% of all anthropogenic GHG emissions, mainly in the form of methane (CH<sub>4</sub>) from enteric fermentation in ruminant animals such as cattle, sheep, and goats. The estimated population of domesticated ruminants in 2014 was 3.9 billion – about 1.5 billion were cattle. Over the last 50 years, the total number of domesticated ruminants has increased about 27 million per year.

<http://animalagclimatechange.org/belly-of-the-beast/>

**2. Title: Climate Change and Children. New York: United Nations Children's Fund.** UNICEF (2007).

**Description:** This is a summary of comments and letters from children and young people from all over the world, collected from UNICEF Voices of Youth, child delegates to the 2007 UNEP African Regional Children's Conference for the Environment and the 2007 World Scout Jamboree in cooperation with the United Nations Development Programme.

Retrieved from [http://www.unicef.org/publications/files/Climate\\_Change\\_and\\_Children.pdf](http://www.unicef.org/publications/files/Climate_Change_and_Children.pdf)

**3. Title: Assessing the impacts of climate and market changes on agrarian land use in Europe. International conference on Impact assessment of land use**

**changes.** Hermans, T., Ewert, F., Metzger, M., Verhagen, J., Vereijken, P., Verburg, R., Woltjer, G., Smit, H., & Naeff, H. (2008, April 6).

**Description:** In this paper future changes in agricultural production and land use are projected considering combined effects of market and climate change. The study aims to identify regions in Europe that are likely to remain agricultural or that are likely to convert to other land uses.

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**Key words:** climate change, market change, agriculture, Europe

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## 4. Title: **Climate Change, Food Security and Nutrition. *Global Forum on Food Security and Nutrition. Discussion no. 113.*** FAO. (2015).

**Description:** The objective of this consultation is to gain a better understanding of the impact of climate change on food security and nutrition as well as the impact of current dietary preferences and the related food systems. In addition, we invite you to identify possible measures to protect and/or improve nutrition and to adapt to climate change, while reducing and removing greenhouse gas emissions thus ensuring long-term food security.

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