

Climate change and health Risks – and Adaptation Options

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Weather is an exposure to human health, since ever



Whoever wishes to investigate medicine properly, should proceed thus: in the first place to consider the seasons of the year, and what effects each of them produces for they are not at all alike, but differ much from themselves in regard to their changes. Then the winds, the hot and the cold, especially such as are common to all countries, and then such as are peculiar to each locality"

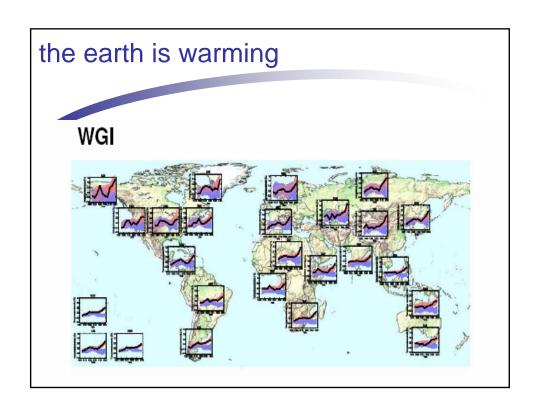
On Airs, Waters and Places. Hippocrates (Circa 400 B.C)

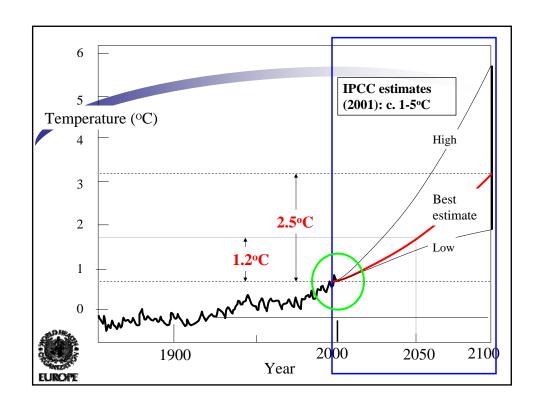
Cette présentation a été effectuée le 25 octobre 2006, au cours du Symposium "La Charte d'Ottawa pour la promotion de la santé est-elle toujours utile pour la pratique de la santé publique d'aujourd'hui ?" dans le cadre des Journées annuelles de santé publique (JASP) 2006. L'ensemble des présentations est disponible sur le site Web des JASP, à l'adresse http://www.inspq.qc.ca/jasp. 1

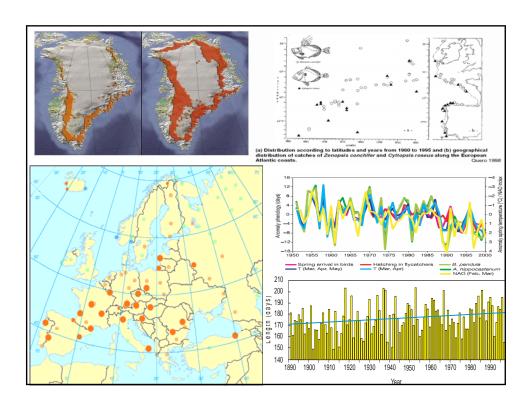
What makes climate change so different

 Climate change refers to a change in the state of the climate that can be identified (e.g. using statistical tests) by changes in the mean and/or the variability of its properties, and that persists for an extended period, typically decades or longer.





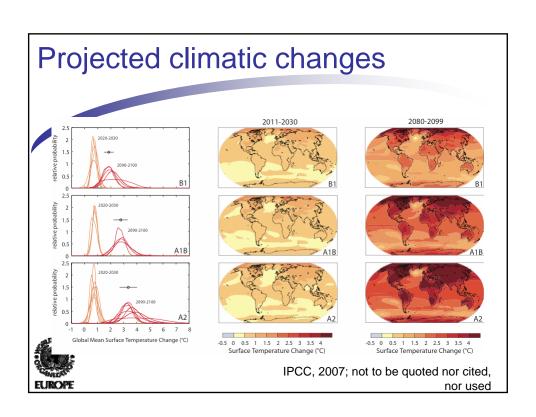


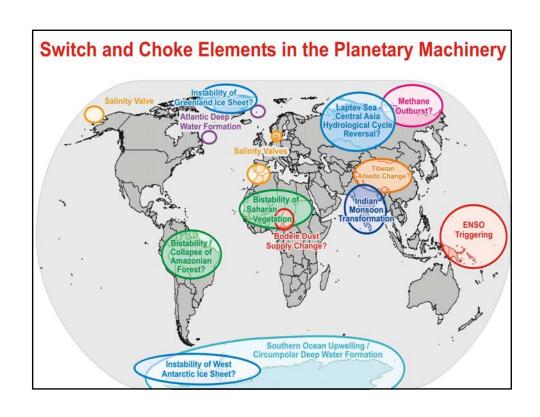


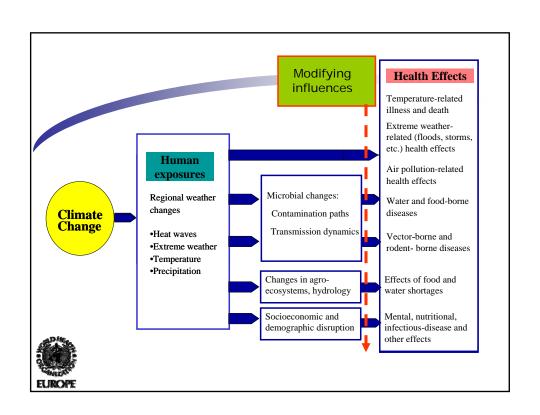
Evolutionary Response to Rapid Climate Change William E. Bradshaw and Christina M. Holzapfel SCIENCE VOL 312 9 JUNE 2006

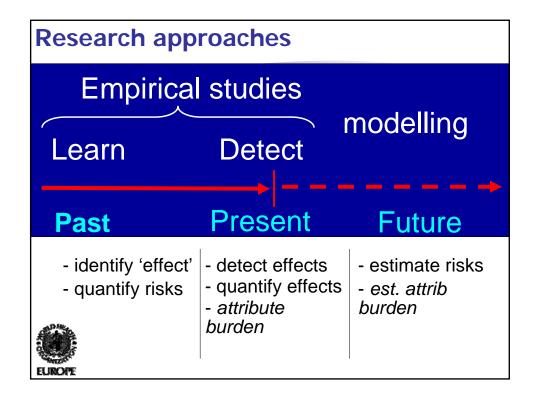
Adaptive animals. The Yukon red squirrel (Tamiascurus hudsonicus) (left), the pitcher-plant mosquito (Wyeomyia smithii, shown descending into its carnivorous host, Sarracenia purpurea) (middle), and the European blackcap (Sylvia atricapilla) (right) show genetically based shifts in the timing of their seasonal reproduction, dormancy, or migration during recent, rapid climate warming.

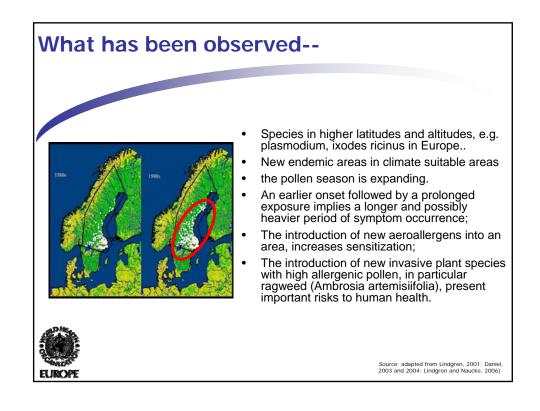
EUROPE

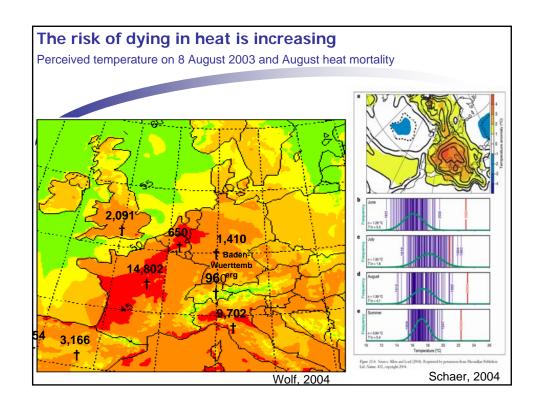


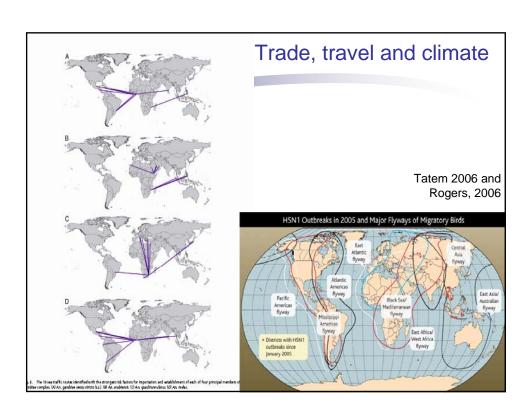


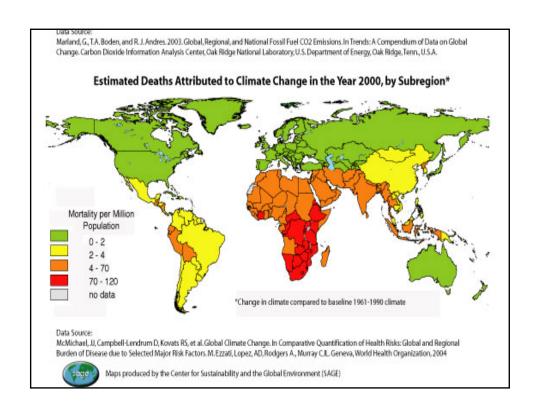


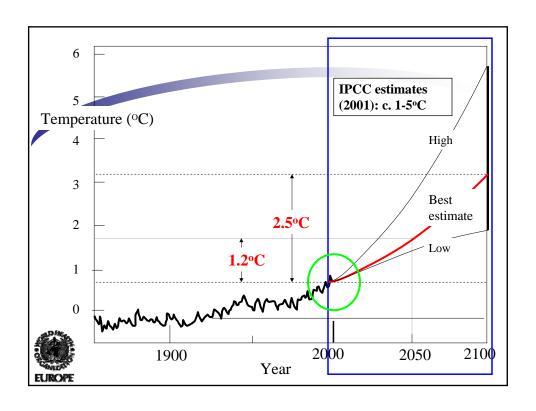


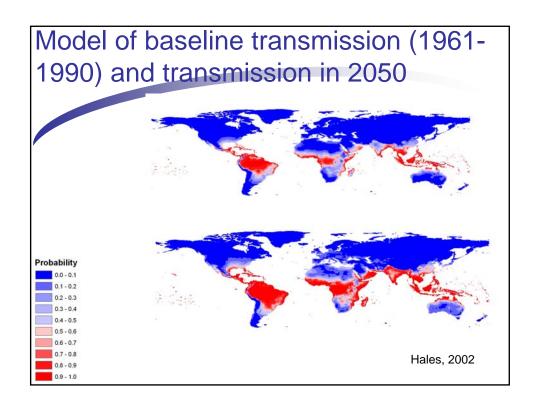


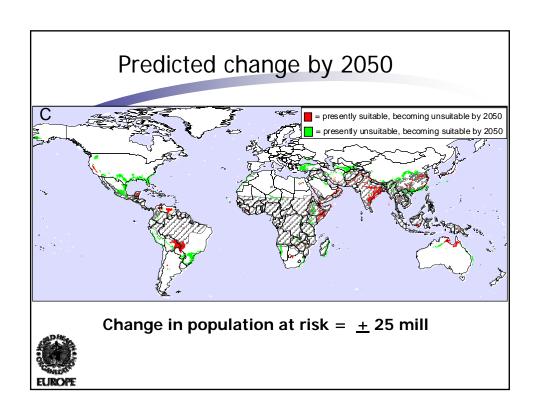


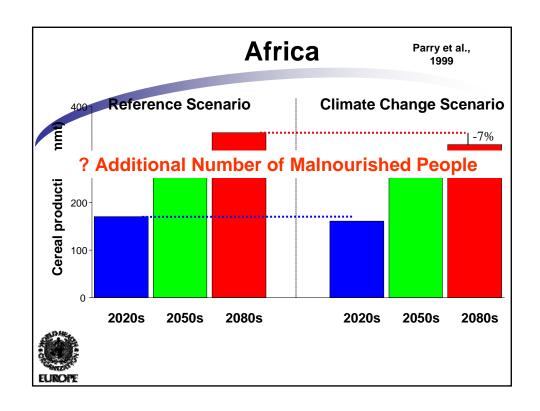








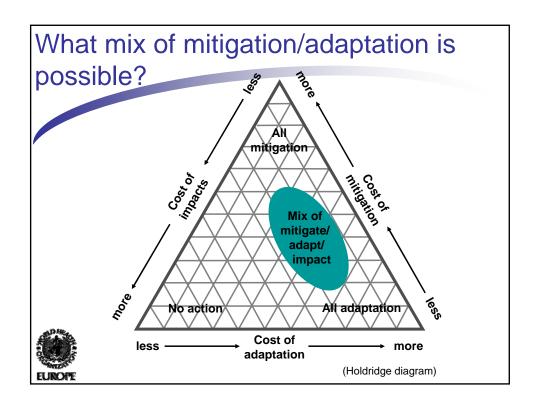




Key questions for adaptation

- What to adapt to? Where who and how?
- Are the measures, policies and strategies currently available sufficient?
- What needs to be strengthened? What needs to be developed?
- For how long will the measures be suficient?
- Which additional action is needed at international, European and national level?









Climate change and adaptation strategies for human health

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