

〈シンポジウム II〉『環境と皮膚』

体外環境と皮膚

温暖化と環境変化

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The Influence of Global Warming and the Urban Warming

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Abstract

The urban warming and global warming are synchronal now. The urban warming happens because green decreases along with urbanization, and the heat of the building and the car is exhausted. Global warming happens because the greenhouse gas such as carbon dioxide is exhausted.

Therefore, making to the high temperature is remarkable like the city part. The temperature rate of increase in the big city is from 2 to 3 times higher compared with the rate of increase of the normal temperature of Japan. Therefore, it is remarkable that the flowering of cherry blossoms becomes early, and the autumn tint of the maple is late like the big city. Dryness advances, and the fog is not generated by the rise of the temperature in the big city either.

It is forecast that the temperature of the world of 100 years will rise by 6.4°C or less in the future because of an increase of carbon dioxide according to IPCC (Intergovernmental Panel on Climate Change) the fourth assessment report. Therefore, the typhoon becomes strong, the heavy rain increases, and big damage of the flood tide and the tsunami by the sea level rise is expected. The influence on health by the heat and dryness is especially worried about in the big city.

Key words: global warming, the urban warming, greenhouse gas, carbon dioxide, IPCC.