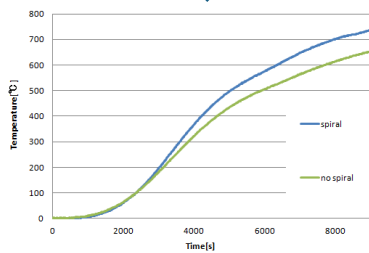


## — ふく射伝熱により工学・環境への貢献を目指す —

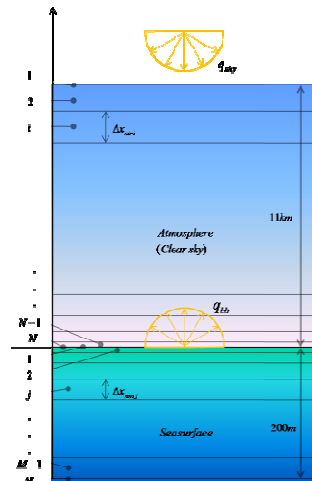
ふく射伝熱を中心に、燃焼炉の有効加熱、地球温暖化、ヒートアイランド現象、気象現象等の実験・数値解析を行っています。



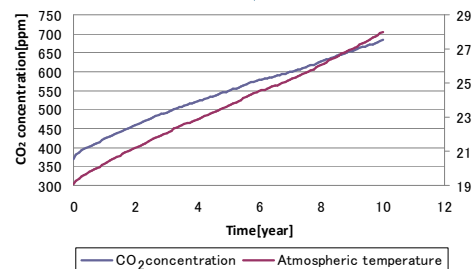
Simple water vapor heating in industrial furnace



Transition of the furnace temperature



Plane parallel system for global warming prediction

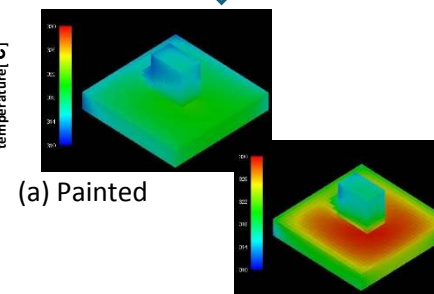


Global warming prediction



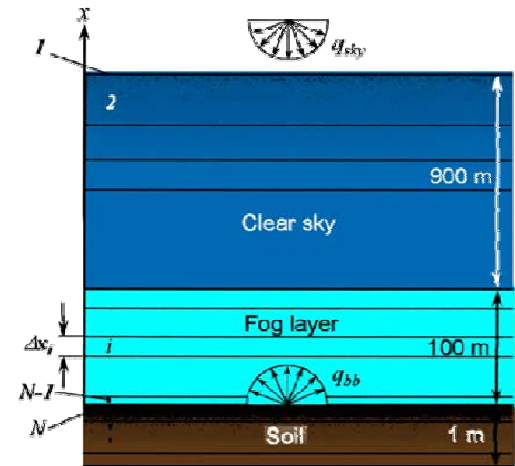
Heat island phenomenon

Source : <http://heatisland.tetum.info/gensyou/towa.html>

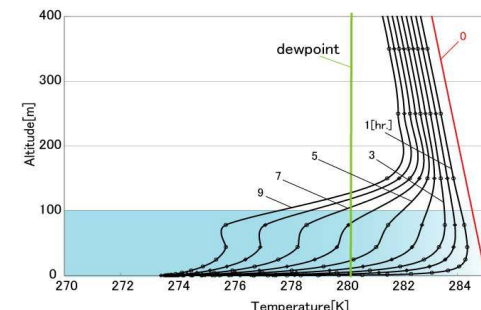


(a) Painted

(b) no-painted  
Effect of reflective paint



Plane parallel system for fog formation prediction



Atmospheric temperature (particle diameter increases)