

I am working on studies such as: Response of thermal physiology to changes in indoor environment, temperature, humidity and airflow, Improvement of thermal comfort, Improvement of indoor humidity environment, and Environmental hygiene management.

Indoor Thermal Environment and Health

Maintenance of Sanitation in Buildings

MHLW Scientific Research, member (2015~2016)

Facilities for the Elderly

NIPH Scientific Research, member

Dwelling

Foundation for Total Health Promotion (2015~2016)
LIXIL JS Foundation (2015~2016)

Measurement of the Thermal Environment at Japanese Facilities for the Elderly

Adapting Law for Maintenance of Sanitation in Buildings in Japan

(Miyagi, Feb. ~ Mar., Ave., S.D.)

State of the door(Unit type)

Common living room (Unit type)

The door is closed.

Fig.1 Measurement of temperature and humidity

Conceptual diagram of humidification and moisture transfer

(e.g.)

Fig.2 Humidification rate and absolute humidity difference