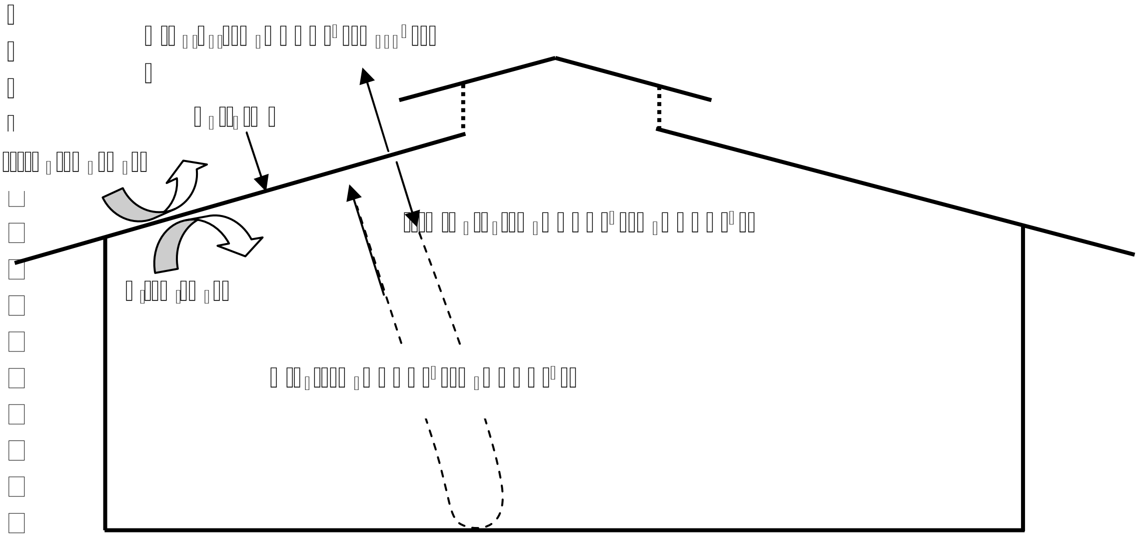
Journal of Applied Sciences in Environmental Sanitation



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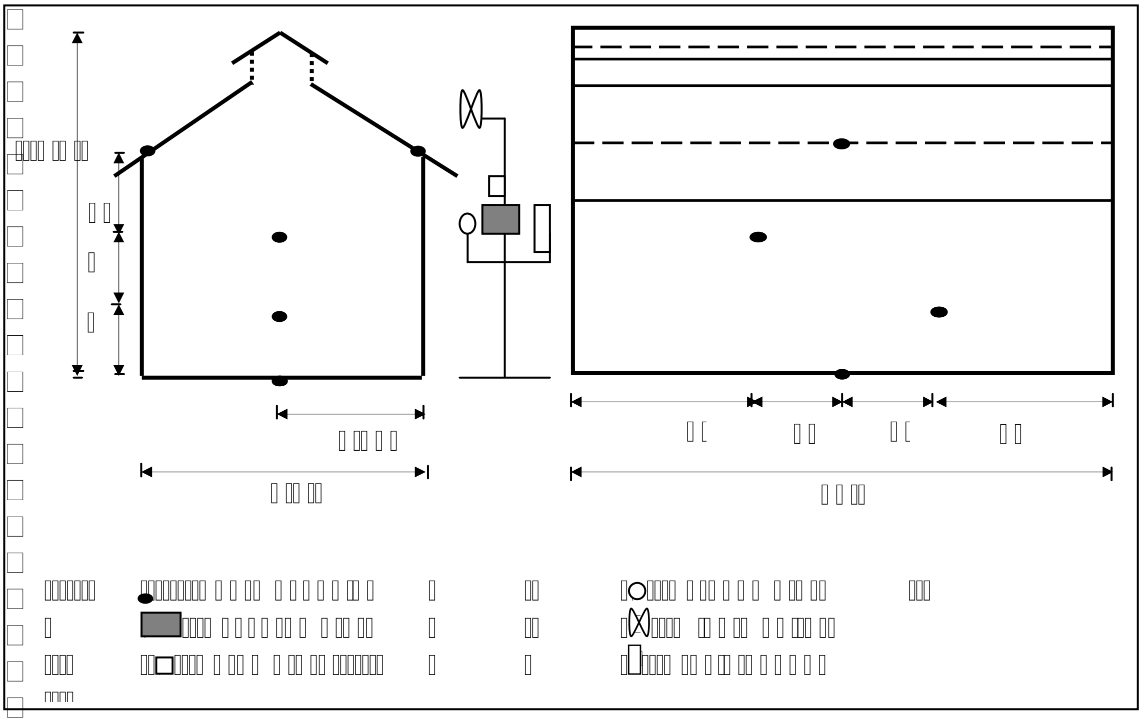

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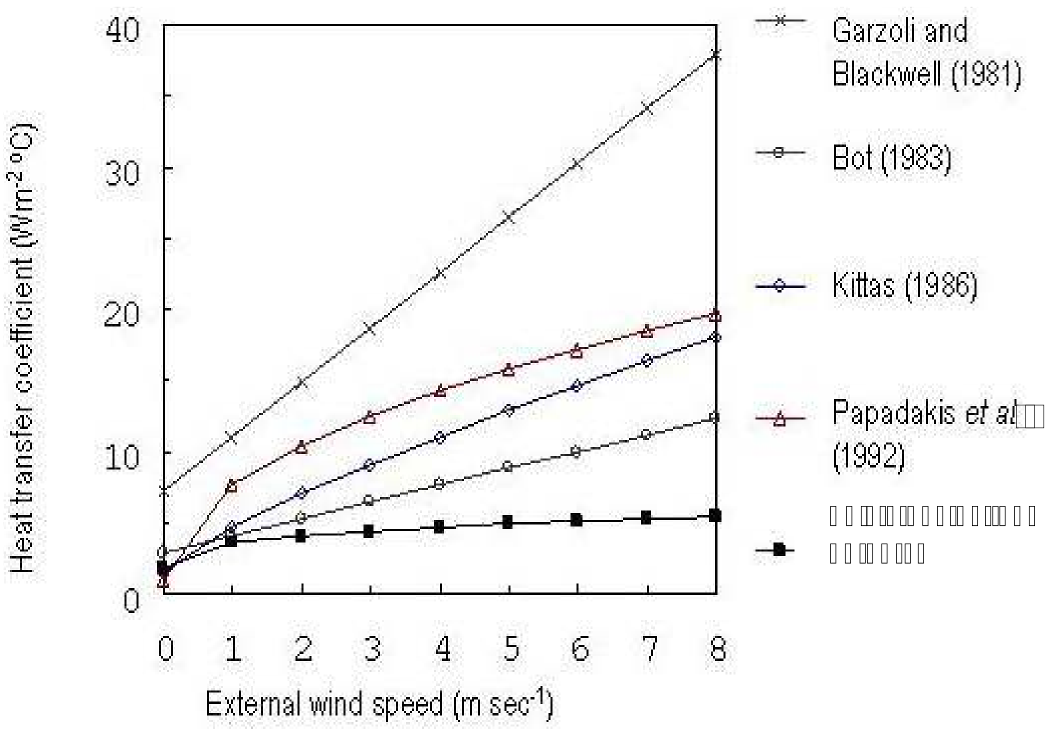
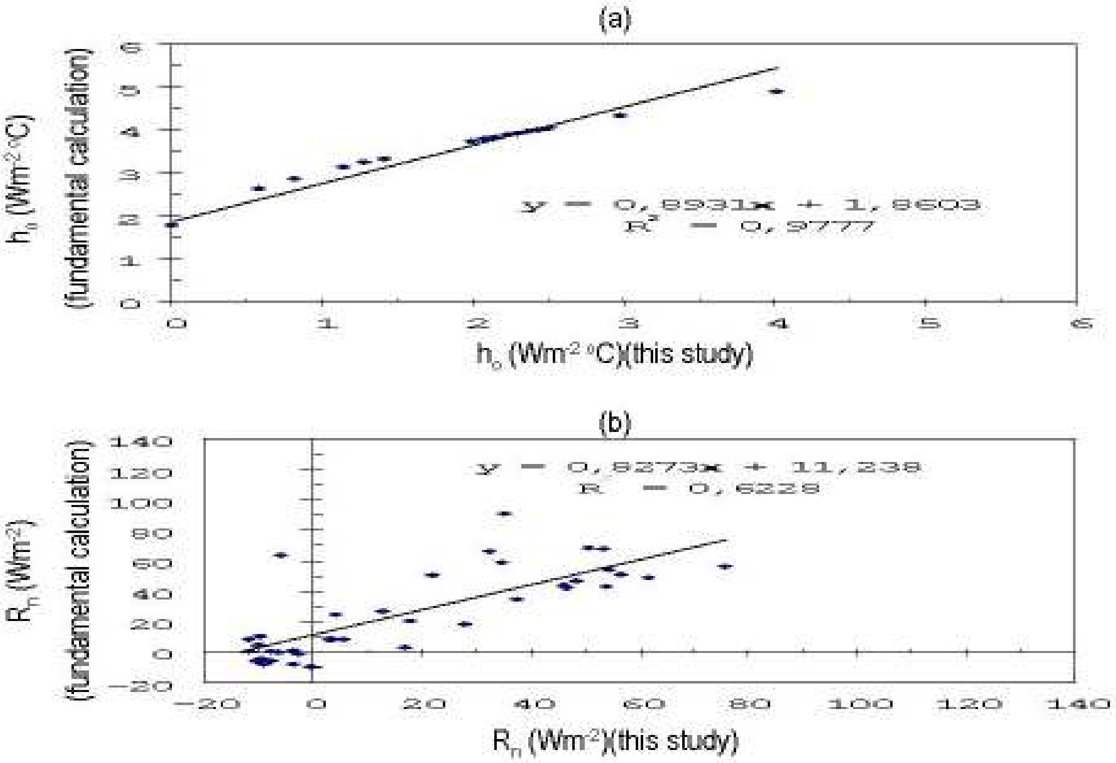


Garzoli and Blackwell (1981)
Bot (1983)
Kittas (1986)
Papadakis et al. (1992)
Heat transfer coefficient (Wm-2 oC)
External wind speed (m sec-1)
0
10
20
30
40
0
1
2
3
4
5
6
7
8


(a)
y = 0,8931x + 1,8603
R² = 0,9777
h_o (Wm⁻² °C)
(fundamental calculation)
h_o (Wm⁻² °C)(this study)
(b)
y = 0,8273x + 11,238
R = 0,6228
R_n (Wm⁻²)
(fundamental calculation)
R_n (Wm⁻²)(this study)

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