

Optimal Exploitation of Office Buildings Interior Space Areas¹

Yousef Ahmad Abdulsalam²

Abstract

The versatile dynamic space constitutes an urgent demand inside office buildings whether common or private. The measurements of human factors engineering play an important role to fulfill functional and aesthetical requirements in aspect of managerial planning and organizing and fluidity of circulation inside these offices. The position of conventional static and fixed office had been changed. It could be adapting office interiors with human needs of office space occupants. Following up current developments of office systems design and planning became a necessity to increase personnel and employees productivity, capability and efficiency of management and communications. Systems performance can be enhanced by facilitating extended opened spaces, using of indirect dividing partitions, physiological factors by adding good lighting, acoustics and thermal insulation, ventilation, comfort sitting posture and psychological factors in terms of color harmony and furniture surfaces colors in addition to internal dimensions calculations of office space, furniture units and office fittings which contribute to increase functional exploitation of areas ,surfaces and fixed and mobile furniture.

¹ For the paper in Arabic see Pages (277-328).

² Faculty of Fine Arts, Damascus University.