Ground and Semi-Ground Inhabittation: Cappadacia Case Study Thematic GIGA-Map

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The thematic GIGA-Map is relating macro and micro climatic relations of exterior and semi-interior spaces with geological position and world axis orientation, substrative and additive building within and with tuff stone. The dashed lines express intensity and periodicity of the occurrence of certain fields, while the marking dot suggest the abundance by their size and intensity by gradients. The graphics arrows express increases and decreases, while the text arrows suggest the reading directions.

The map clearly expresses, that when designed vise, the semi-interior space without full enclosure, can manipulate the interna climate up to approximately 10°C through the ground material and natural ventilation; and different climates and word axis orientations were designed for different purposes of use. This also relates to co-habitance with different species with different climatic excess and spatial needs

Turkey map of Köppen climate classification



