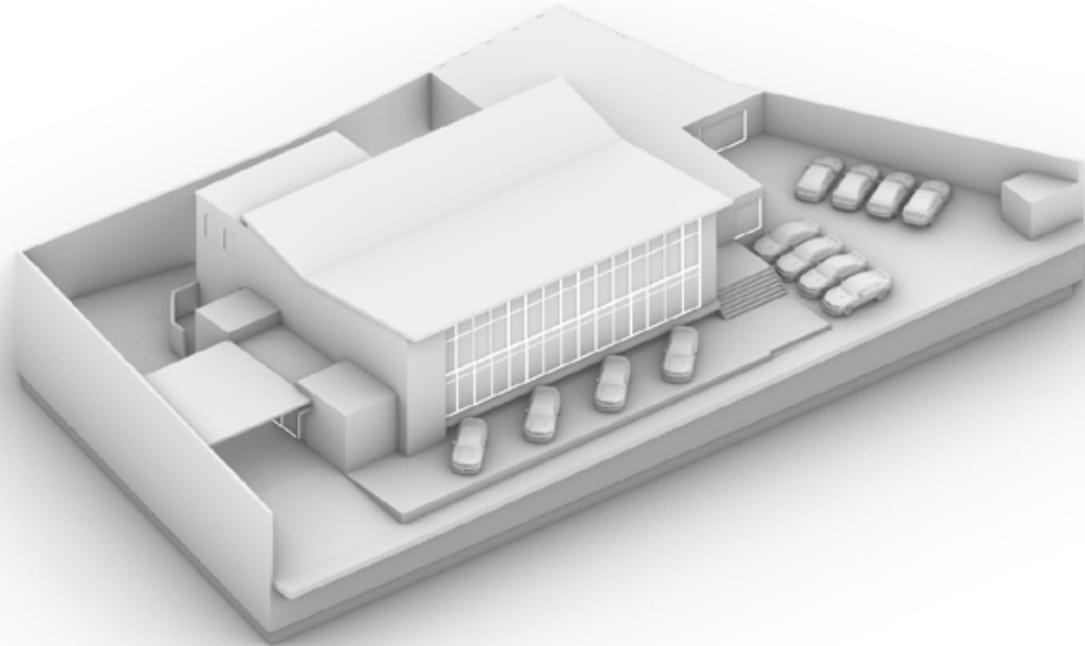


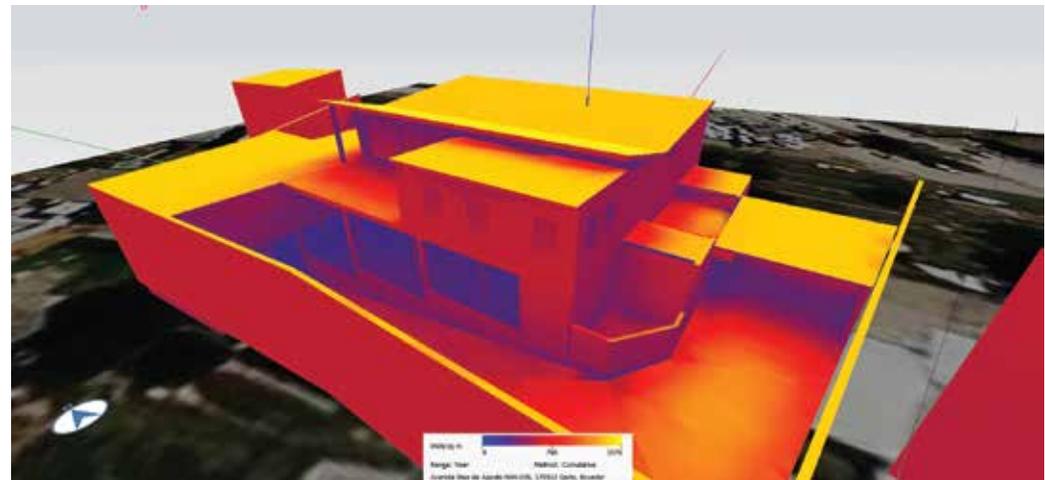
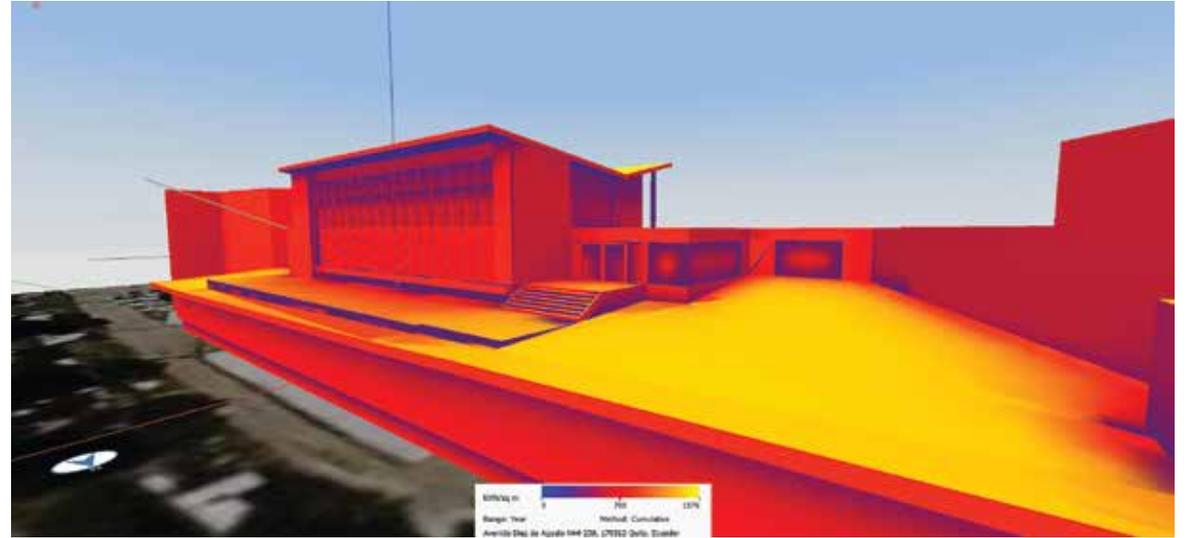
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Bioclimatic Analysis - Auto Delta, Quito, Ecuador.

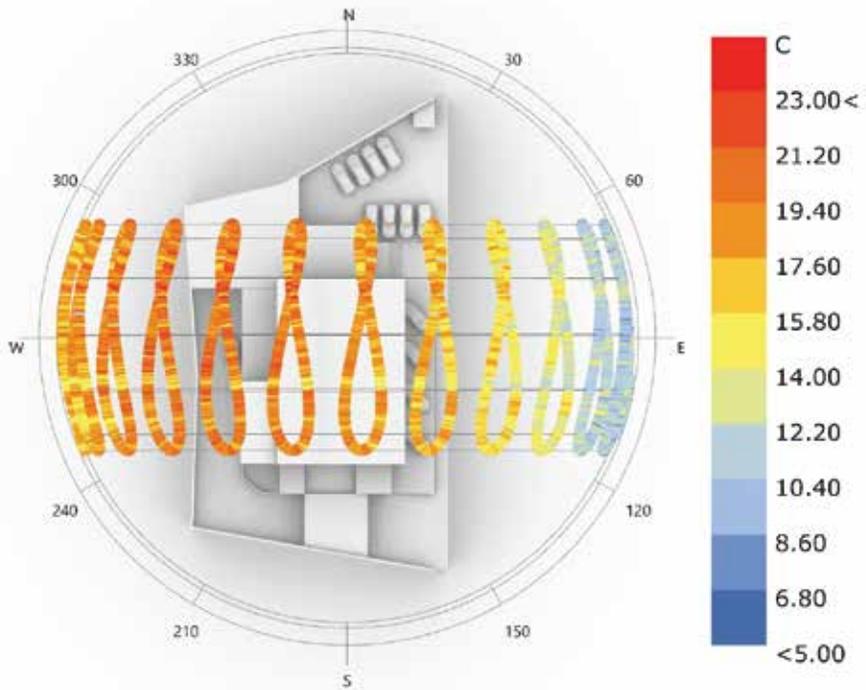


Analisis solar acumulativo.

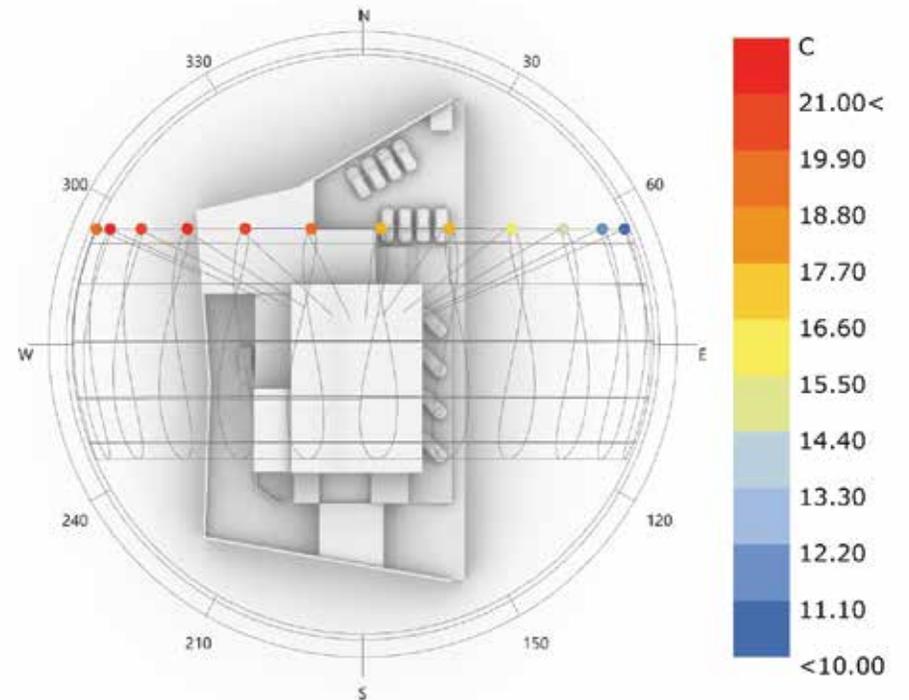
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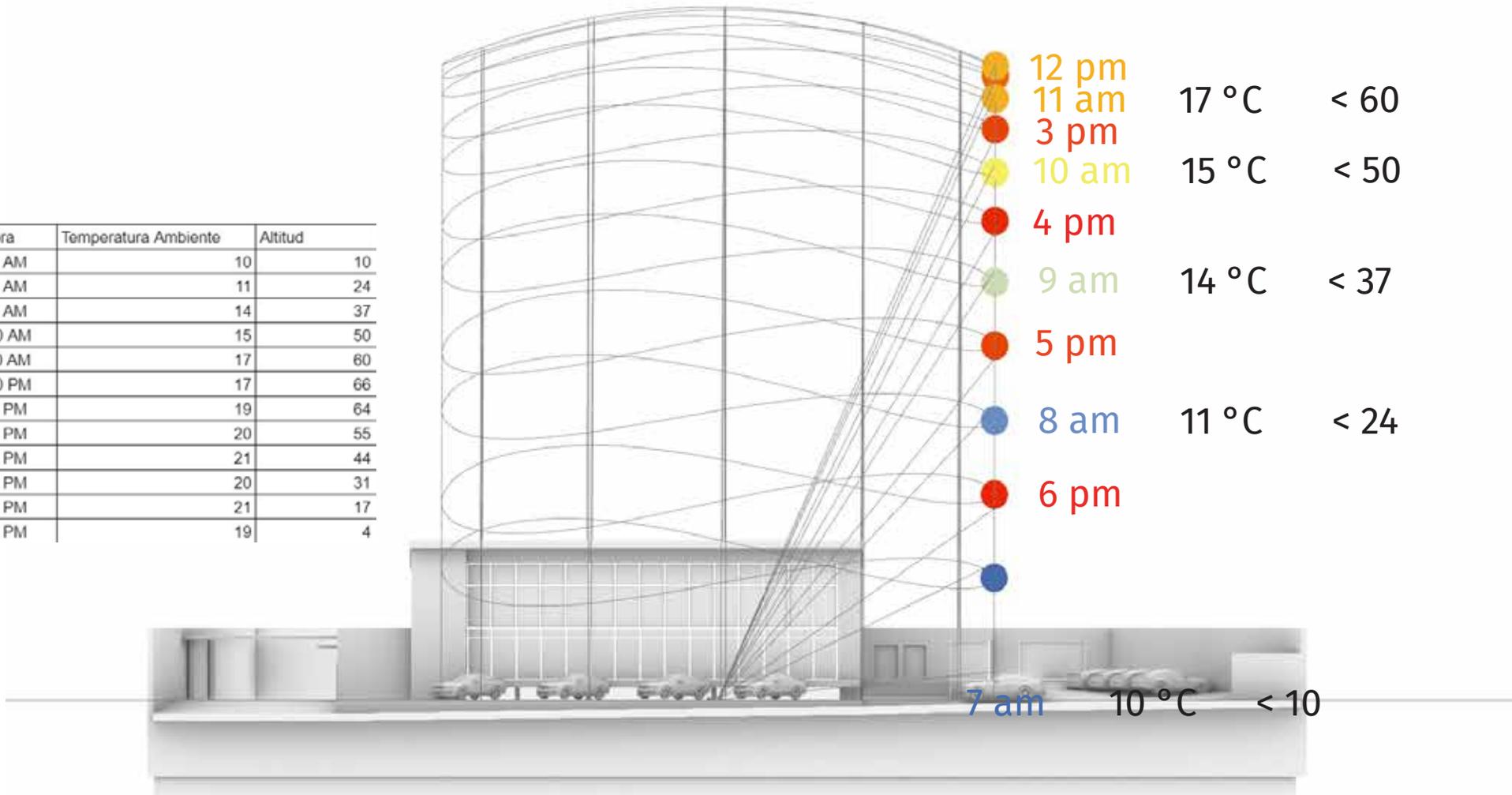


Trayectoria Solar Acumulativo (Year)

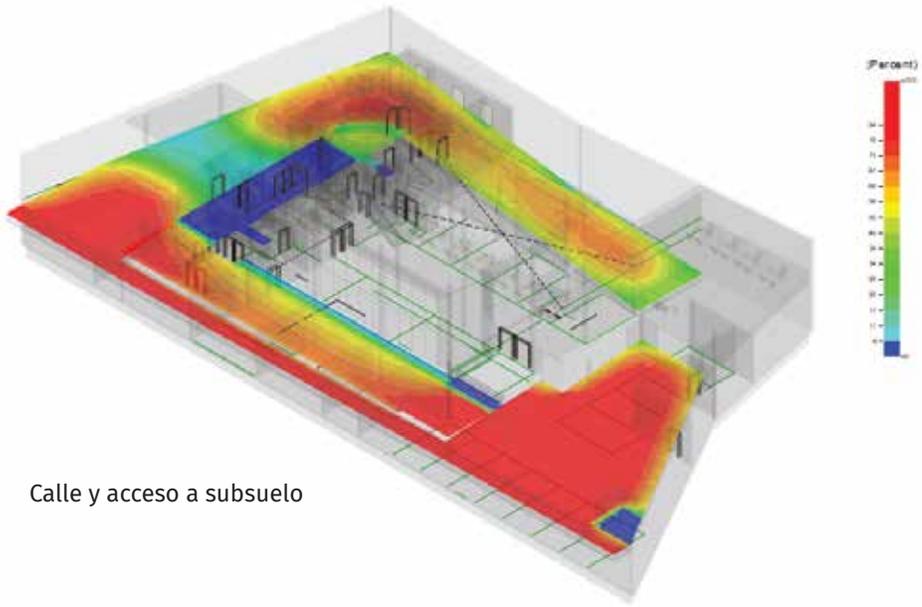


Trayectoria Solar 20 Junio (Solsticio)

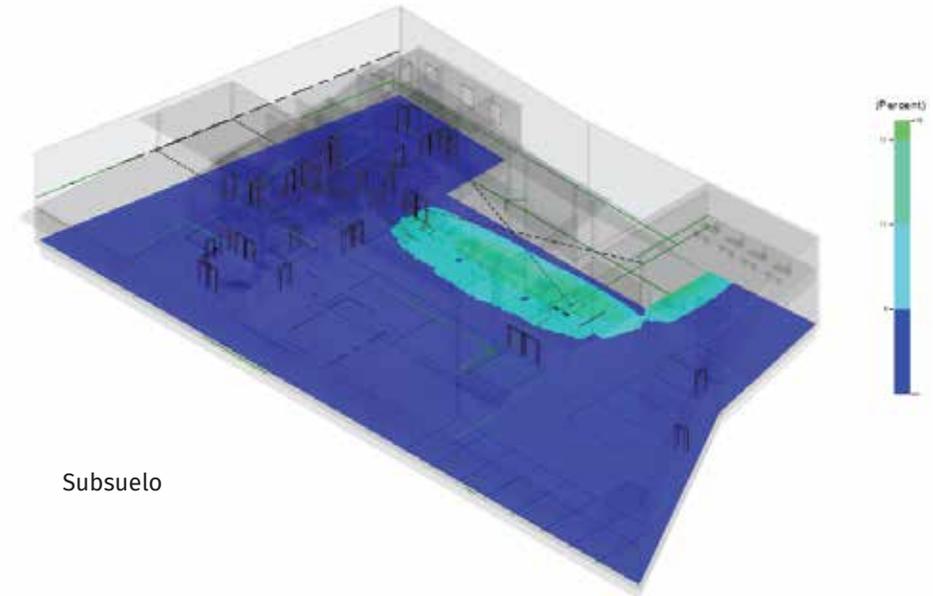
| Hora | Temperatura Ambiente | Altitud |
|----------|----------------------|---------|
| 7:00 AM | 10 | 10 |
| 8:00 AM | 11 | 24 |
| 9:00 AM | 14 | 37 |
| 10:00 AM | 15 | 50 |
| 11:00 AM | 17 | 60 |
| 12:00 PM | 17 | 66 |
| 1:00 PM | 19 | 64 |
| 2:00 PM | 20 | 55 |
| 3:00 PM | 21 | 44 |
| 4:00 PM | 20 | 31 |
| 5:00 PM | 21 | 17 |
| 6:00 PM | 19 | 4 |



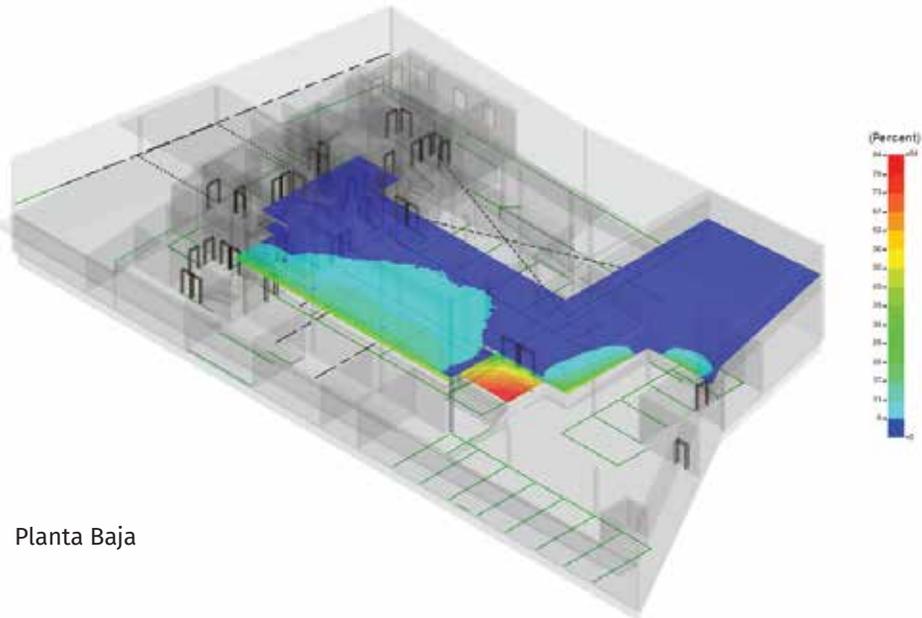
Analisis Sun Altitudes, Jun 20 (Solsticio Verano)



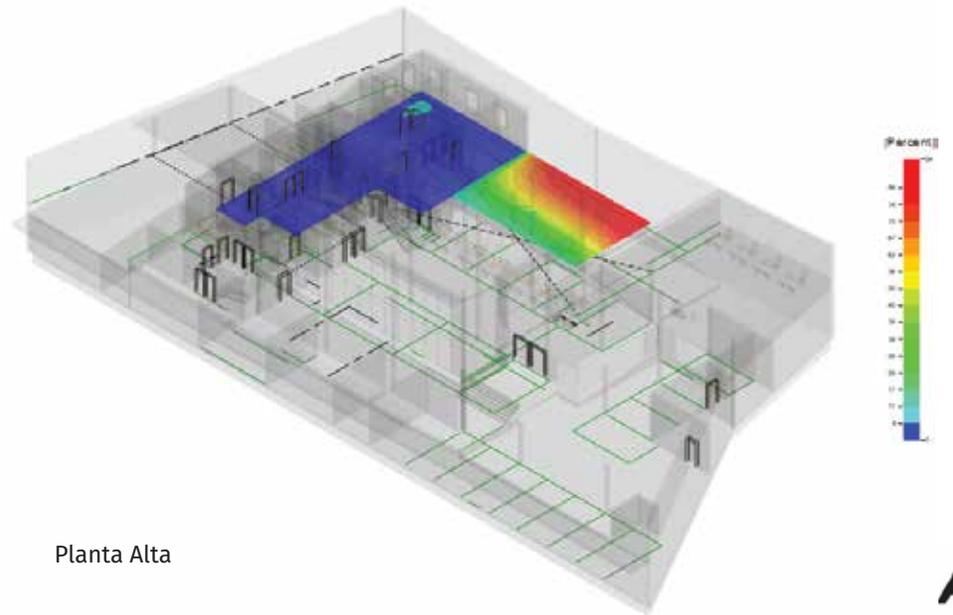
Calle y acceso a subsuelo



Subsuelo



Planta Baja

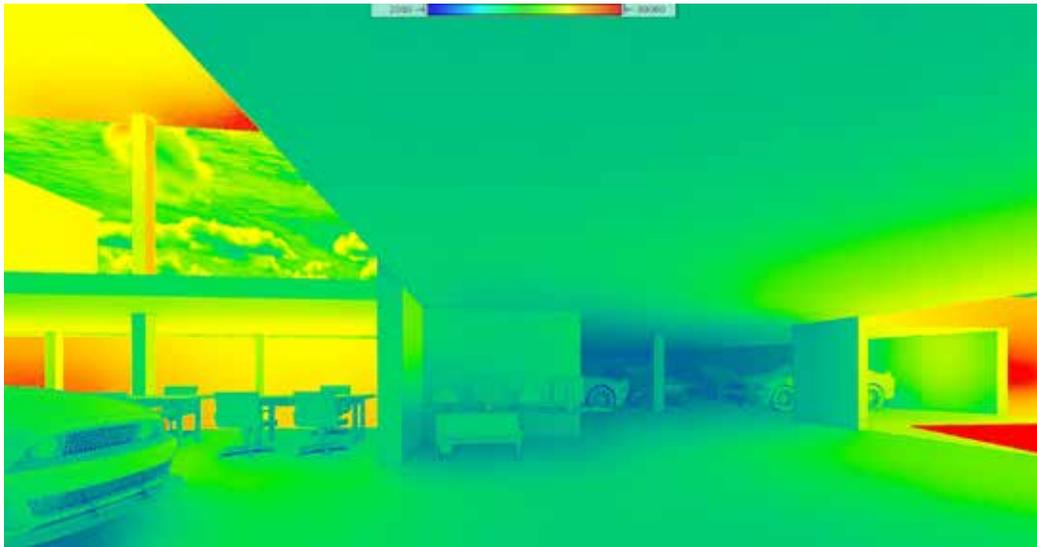


Planta Alta

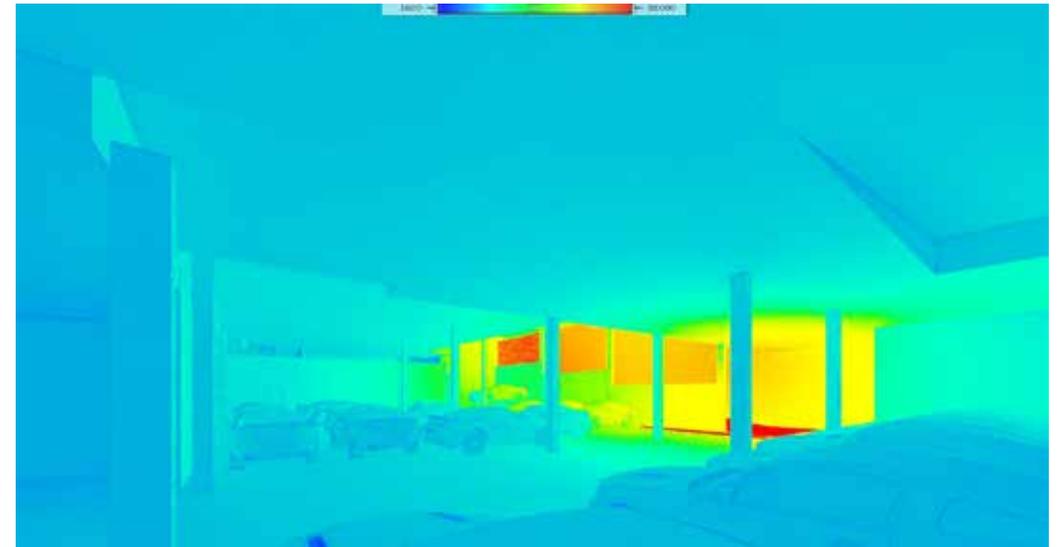
Daylight Factor - Anual



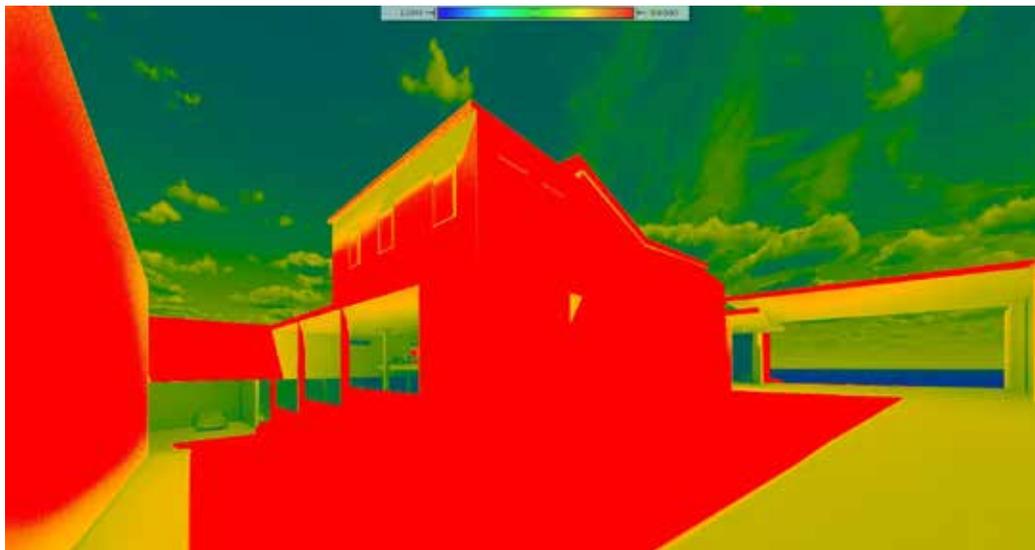
Mapa de Iluminacion, Exhibidor Principal, hora : 12 pm



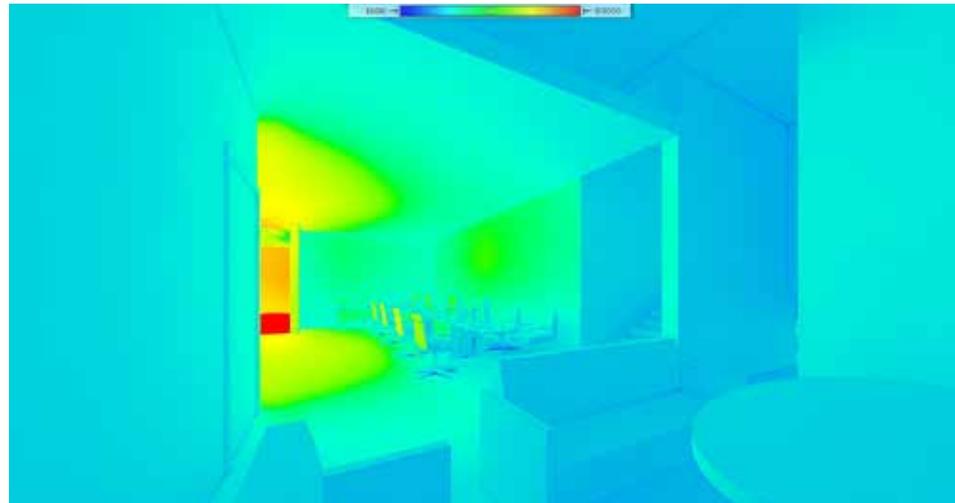
Mapa de Iluminacion, Entrada Front desk, hora : 12 pm



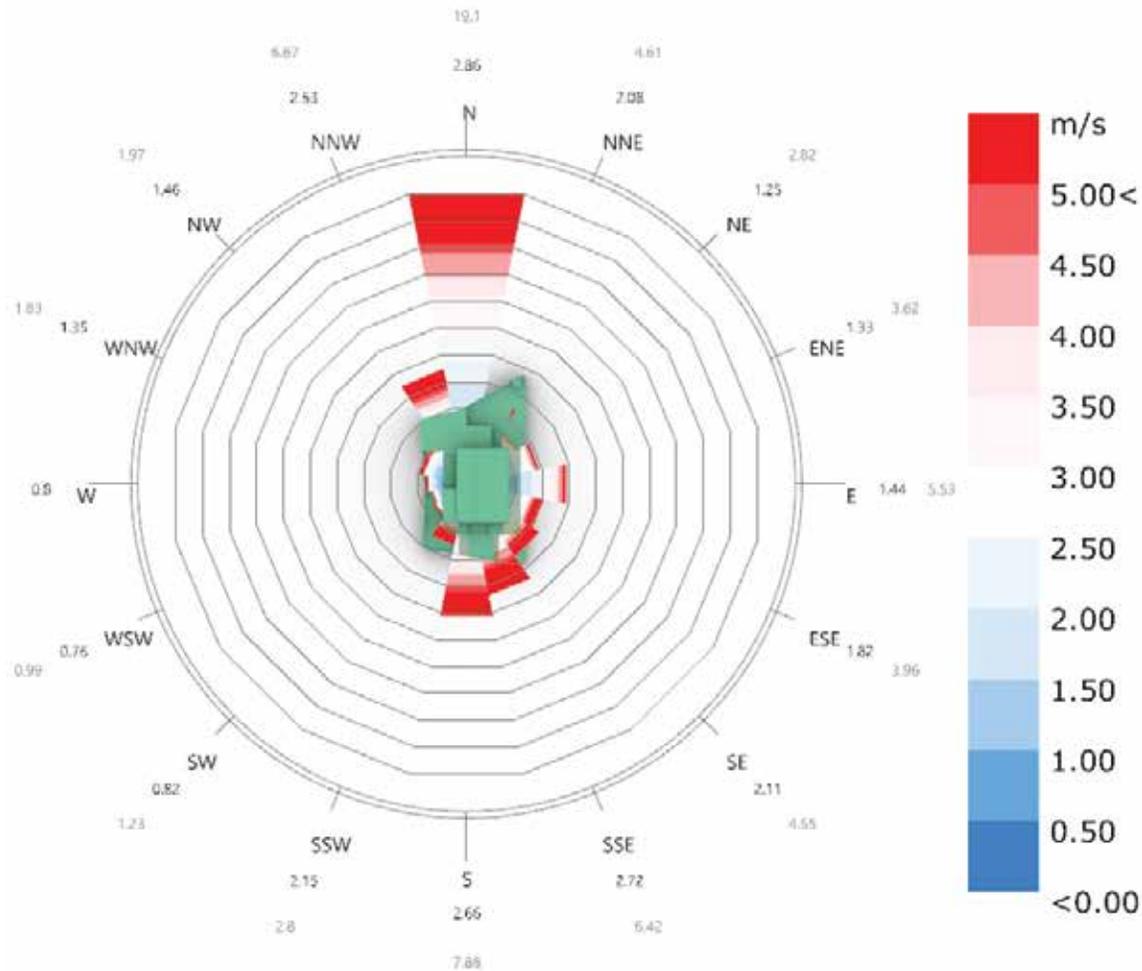
Mapa de Iluminacion, Subsuelo, hora : 12 pm



Mapa de Iluminacion, Entrada Subsuelo, hora : 12 pm



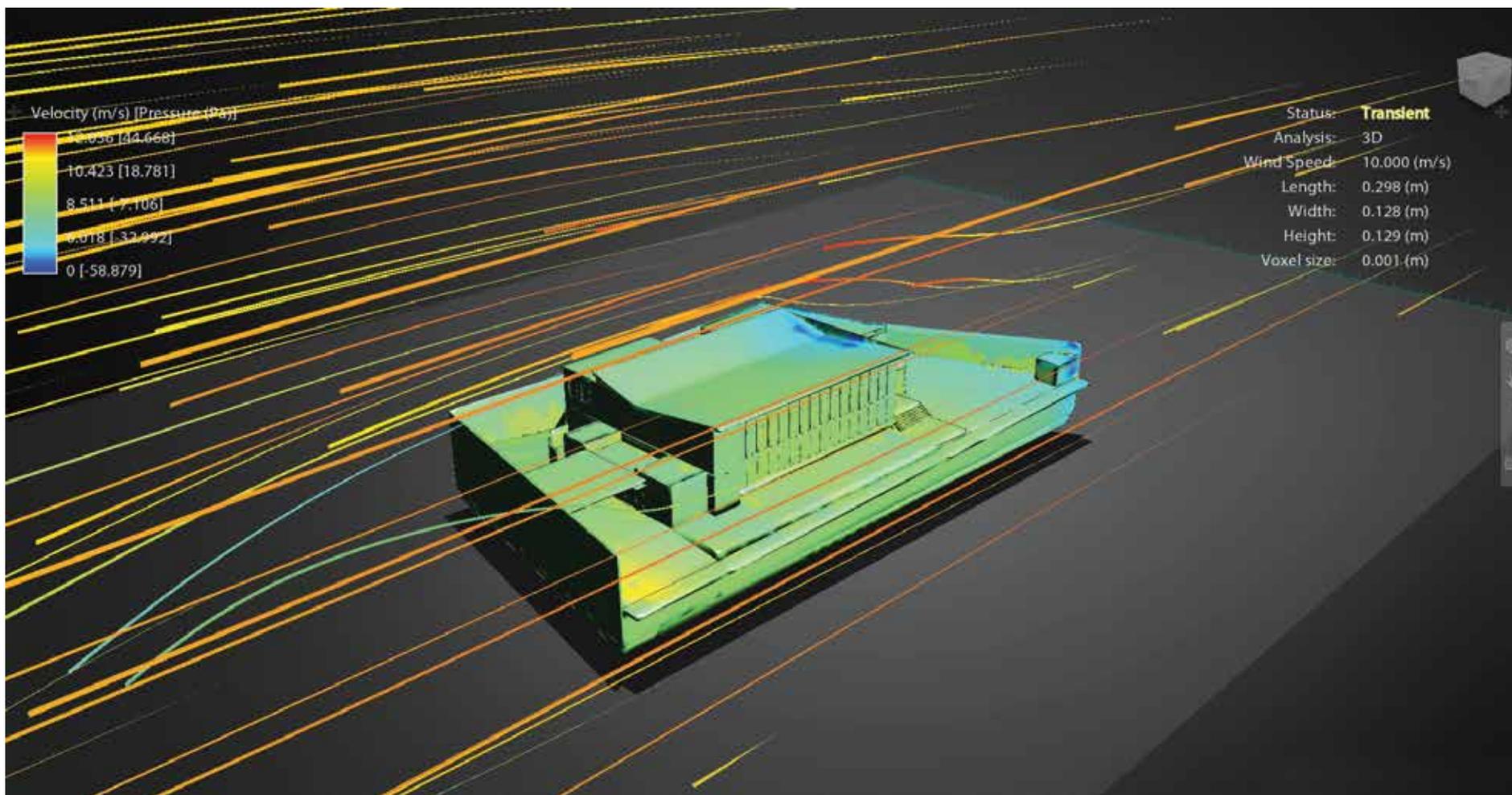
Mapa de Iluminacion, Zona Clientes, hora : 12 pm



Analisis de Viento (Wind Rose)

Mayor incidencia del flujo de viento desde el norte.
 Velocidad del viento promedio 5 m/s

Wind-Rose
 Quito Parque Bicentenario_PC_ECU
 1 JAN 1:00 - 31 DEC 24:00
 Hourly Data: Wind Speed (m/s)
 Calm for 24.69% of the time = 2163 hours.
 Each closed polyline shows frequency of 1.9%. = 167 hours.



Simulación Flujo de Vientos, corriente desde el Norte

Gracias por su atención!!



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