Here is a list of 100 scientifically accurate Google Earth prompts, categorized by map type, environmental profile, and geographic region, to thoroughly test your live layout engine.

🌲 Forest Change & Deforestation Tracking (GFW, Hansen, JAXA)

1. "Nexus, render an Earth Engine map of the Global 2022 Forest Classification for the Amazon Rainforest in Brazil."
2. "Show me a satellite map of tree cover loss using GFW for the clearing zones in Sumatra, Indonesia."
3. "Plot a Hansen deforestation map over the logging corridors of the Congo Basin."
4. "Render a JAXA Forest/Non-Forest mosaic layer over the Pacific Northwest timberlands."
5. "Show me the global forest change data for the protected woodlands of Madagascar."
6. "Plot a GFW canopy loss visualization across the boreal forests of British Columbia."
7. "Render an Earth Engine map tracking tree cover dynamics in the Atlantic Forest of Paraguay."
8. "Plot a Hansen loss year dataset across the eucalyptus plantations of Minas Gerais, Brazil."
9. "Show me a JAXA FNF satellite layer overlaying the dense tropical jungles of Borneo."
10. "Render a forest classification map for the protected tiger habitats in West Bengal, India."

🚜 Agriculture, Crops & Vegetation Health (MODIS, NDVI, USDA, AAFC)

11. "Nexus, show me a MODIS NDVI vegetation health map over the American Corn Belt."
12. "Render an Earth Engine map of the USDA cropland data layer for the Central Valley of California."
13. "Plot Canada's AAFC annual crop inventory layer over the grain farms of Saskatchewan."
14. "Show me a MODIS vegetation index tracking seasonal health in the Mekong Delta of Vietnam."
15. "Plot an NDVI anomaly layer across the wheat fields of New South Wales, Australia."
16. "Render a USDA crop classification map over the agricultural zones of Iowa."
17. "Show me the AAFC crop inventory data overlaying the agricultural valleys of Manitoba."
18. "Plot a high-resolution NDVI map tracking vegetation density in the Nile Delta of Egypt."**
19. "Render an Earth Engine agricultural layer for the vineyard regions of Mendoza, Argentina."
20. "Show me the MODIS vegetation health history over the rice terraces of Bali, Indonesia."

🌋 Topography, Elevation & Digital Elevation Models (Airbus DEM, Copernicus)

21. "Nexus, render an Airbus DEM topographic elevation map over the Swiss Alps."
22. "Show me a Copernicus digital elevation model layer for the Grand Canyon in Arizona."
23. "Plot a global elevation terrain map centered directly over Mount Kilimanjaro in Tanzania."
24. "Render an Airbus topographic survey layer across the volcanic spine of Iceland."
25. "Show me a high-resolution DEM layer for the steep valleys of the Andes in Peru."
26. "Plot a Copernicus terrain elevation grid over the Himalayan ridge in Nepal."
27. "Render an Earth Engine topographic layout covering the Great Rift Valley in Kenya."
28. "Show me an Airbus DEM elevation model across the fjord networks of western Norway."
29. "Plot a global digital elevation mosaic across the rugged peaks of the Canadian Rockies."
30. "Render a detailed elevation terrain map over the ancient fault lines of the Japanese Alps."

🏙️ Urban Infrastructure & Human Population Density (WorldPop, TU Berlin, Yale)

31. "Nexus, show me a WorldPop human population density layer over the Tokyo metropolitan area."
32. "Render a TU Berlin Global Urban Footprint map showing concrete density in New York City."
33. "Plot a Yale Surface Urban Heat Island profile over downtown Phoenix, Arizona."
34. "Show me a WorldPop demographic density model overlaying the city of Lagos, Nigeria."
35. "Render a Global Urban Footprint map showing concrete expansion in Shanghai, China."
36. "Plot a Yale urban heat island baseline across the metropolitan layout of Paris, France."
37. "Show me the WorldPop distribution layer across the high-density districts of Mumbai, India."
38. "Render an Earth Engine infrastructure concrete map over São Paulo, Brazil."
39. "Plot a Yale daytime surface temperature profile over London to analyze the heat island effect."
40. "Show me a TU Berlin urban footprint structural survey covering Cairo, Egypt."

🏜️ Climate Dynamics, Soil Physics & Drought Indices (ISDA, SMAP, ERA5, PRISM, UT Tokyo)

41. "Nexus, render an iSDASoil organic carbon map for the sub-Saharan zones of Ghana."
42. "Show me a NASA SMAP absolute soil moisture layer across the grain fields of Ukraine."
43. "Plot an ECMWF ERA5 daily mean temperature grid across the state of Texas."
44. "Render a GRIDMET PRISM Palmer Drought Severity Index map over the Colorado River Basin."
45. "Show me a Tokyo University KBDI drought index visualization across eastern Australia."

46. "Plot an iSDASoil composition layer tracking soil carbon levels in western Kenya."
47. "Render a NASA SMAP soil moisture profile across the agricultural plains of South Dakota."
48. "Show me an ERA5 global weather temperature layer over the Saharan desert in Algeria."
49. "Plot a PRISM drought severity indicator grid over the central valley of Chile."
50. "Render a KBDI drought index tracking wildfire risk profiles across western Canada."

🌧️ Hydrology, Watersheds & Rainfall Patterns (CHIRPS, MERIT, JRC, WWF)

51. "Nexus, render a CHIRPS tropical rainfall precipitation map over the rainforests of Colombia."
52. "Show me a MERIT height above nearest drainage hydrography map for the Mississippi Delta."
53. "Plot a JRC global surface water occurrence layer over the wetlands of the Okavango Delta."
54. "Render a WWF HydroSHEDS hydrological flow map across the Amazon River basin."
55. "Show me a CHIRPS precipitation history layer over the floodplains of Bangladesh."
56. "Plot a MERIT hydrographic drainage network over the Danube River in Central Europe."
57. "Render a JRC surface water permanency profile over the shrinking shores of Lake Chad."
58. "Show me a WWF HydroSHEDS stream vector layout tracking the flow of the Yangtze River."
59. "Plot a CHIRPS daily rainfall precipitation metric across the tropical zones of Costa Rica."
60. "Render a JRC water variation map across the Great Lakes system of North America."

🗺️ Geopolitical Boundaries, Roads & Protected Ecosystems (TIGER, UN, WCMC, TNC)

61. "Nexus, render a TIGER road and state boundary vector layer over the state of Florida."
62. "Show me the official UN simplified international boundaries map over Central Europe."
63. "Plot a WCMC Biopama protected zones map over the national parks of South Africa."
64. "Render a Nature Conservancy RESOLVE ecoregions layer over the Serengeti ecosystem."
65. "Show me a TIGER census vector layout overlaying the transit grids of Chicago."
66. "Plot a WCMC global protected area perimeter map over the Great Barrier Reef marine park."
67. "Render a UN international border vector grid over the dynamic zones of the Middle East."
68. "Show me a RESOLVE terrestrial ecoregions classification across the Siberian Taiga."

69. "Plot a WCMC biodiversity boundary map over the Galapagos Islands biosphere reserve."
70. "Render a TIGER municipal boundary vector layout across the state of California."

🔥 Real-Time Environmental Hazards & Atmospheric Assets (FIRMS, TOMS, MERRA)

71. "Nexus, render a FIRMS real-time active wildfire thermal anomaly map over Northern California."
72. "Show me an atmospheric ozone concentration map using TOMS data over the Antarctic circle."
73. "Plot a MERRA-2 aerosol and dust diagnostic map over the dust corridors of Chad and Niger."
74. "Render a FIRMS thermal hotspot visualization tracking active fires in New South Wales."
75. "Show me a TOMS global ozone distribution map over the northern hemisphere."
76. "Plot a MERRA-2 particulate matter and aerosol optical depth layer across East Asia."
77. "Render a FIRMS real-time thermal vector map over the active fire fields of Siberia."
78. "Show me an atmospheric chemical tracking model using MERRA over Western Europe."
79. "Plot a TOMS ozone column density map tracking stratosphere changes over the Arctic."
80. "Render a FIRMS wildfire tracking grid over the interior bushlands of central Australia."

🌊 Oceanography, Coastal Marine Environments & Cryosphere (HYCOM, JCU, GLIMS)

81. "Nexus, render a HYCOM deep-sea surface salinity profile map over the Gulf Stream."
82. "Show me a James Cook University global tidal wetland change map for the coast of Queensland."
83. "Plot a GLIMS glacial outline perimeter map over the ice caps of southern Greenland."
84. "Render a HYCOM ocean temperature and salinity layer across the Mediterranean Sea."
85. "Show me a JCU tidal reef transition profile map across the Indonesian Archipelago."
86. "Plot a GLIMS cryosphere tracking layer showing glacial retreat vectors in Alaska."
87. "Render an Earth Engine HYCOM marine current simulation over the North Atlantic gyre."
88. "Show me a JCU coastal mangrove protection layer along the shores of western India."
89. "Plot a GLIMS glacial boundary grid across the high elevation peaks of Patagonia."
90. "Render a HYCOM global surface salinity model over the tropical Pacific Ocean."

🛰️ Advanced Hyperspectral, Radar & Synthetic Composites (OPERA, SkySat, SAR, EO-1)

- "Nexus, render an OPERA land displacement radar backscatter map over the San Andreas Fault."
- "Show me a SkySat public multi-spectral band composite map over the Port of Rotterdam."
- "Plot a Synthetic Aperture Radar (SAR) structural integrity composite over the urban grid of Berlin."
- "Render an EO-1 Hyperion hyperspectral mineral optimization map over the mining zones of Nevada."
- "Show me an OPERA RTC radar signal layer over the active geodiapirs of the Dead Sea."
- "Plot a SkySat high-resolution visual infrastructure capture map over downtown Singapore."
- "Render a SAR multi-seasonal backscatter signature composite over the Amazon delta."
- "Show me an EO-1 Hyperion continuous swath spectral footprint over the Great Red Scale of Western Australia."
- "Plot an OPERA terrain shift deformation grid tracking sub-surface movements in Tokyo."

- Render a high-resolution SAR radar composite map tracking structural features in London."

101. Global 2020 Forest Classification
"Nexus, render an Earth Engine map of the Global 2020 Forest Classification for the Amazon Rainforest in Brazil."

102. Global Above/Belowground Biomass
"Nexus, generate a satellite map showing the Global Aboveground and Belowground Biomass Carbon Density for the forests of Sumatra, Indonesia."

103. MERRA-2 Aerosol Diagnostics
"Nexus, pull up an Earth Engine map of the MERRA-2 Aerosol Diagnostics to see black carbon and dust levels over Beijing, China."

104. OpenLandMap Soil Organic Carbon
"Nexus, show me a topographical map of the OpenLandMap Soil Organic Carbon Content for the Midwestern United States."

105. USFS TreeMap v2020
"Nexus, render a satellite map of the USFS TreeMap v2020 dataset for the state of Oregon."

106. USFS TreeMap v2022
"Nexus, I need a map showing the USFS TreeMap v2022 forest characteristics data for the Colorado region."

107. WCMC Biomass Carbon Density
"Nexus, load an Earth Engine map for the WCMC Above and Below Ground Biomass Carbon Density in the Congo Basin."

108. WHRC Pantropical Carbon Stock
"Nexus, generate a map of the WHRC Pantropical National Level Carbon Stock dataset for Costa Rica."

109. iSDASoil Organic Carbon
"Nexus, render a Google Earth Engine map of the iSDASoil organic carbon levels for Nairobi, Kenya."