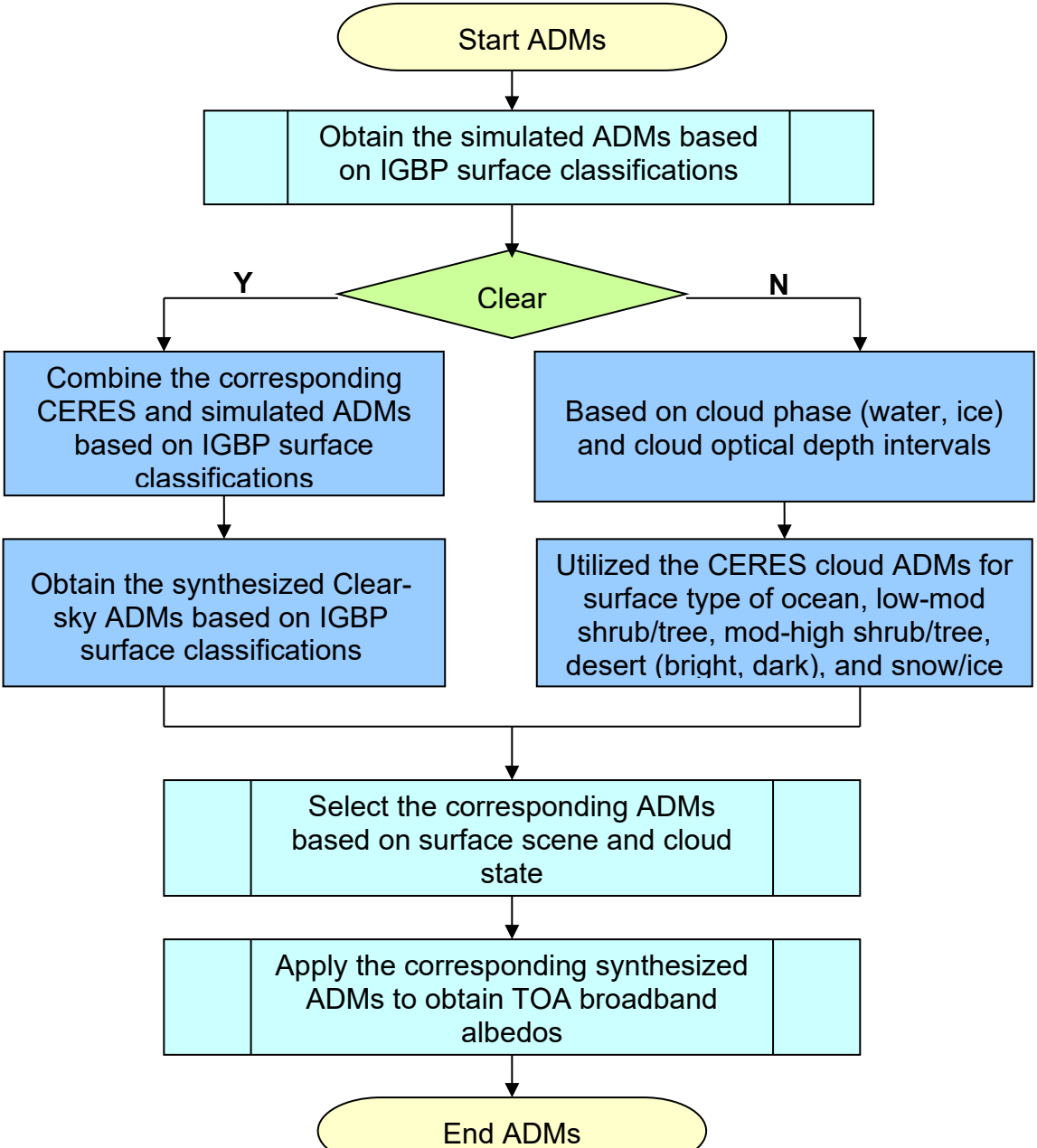
Start ADMs
Obtain the simulated ADMs based on IGBP surface classifications
Clear
Y
N
Combine the corresponding CERES and simulated ADMs based on IGBP surface classifications
Based on cloud phase (water, ice) and cloud optical depth intervals
Obtain the synthesized Clear-sky ADMs based on IGBP surface classifications
Utilized the CERES cloud ADMs for surface type of ocean, low-mod shrub/tree, mod-high shrub/tree, desert (bright, dark), and snow/ice
Select the corresponding ADMs based on surface scene and cloud state
Apply the corresponding synthesized ADMs to obtain TOA broadband albedos
End ADMs