

EARTH'S CALL SCIENTIFIC VISUALIZATION

"Invocation for Earth" cello performance

CREDITS

Advanced Visualization Lab
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Jeff Carpenter, Media Production

SCIENTIFIC DATA

COSMIC BUBBLE BATH: FIRST GALAXIES REIONIZE THE UNIVERSE

Michael Norman, Pengfei Chen, and Hao Xu, UC San Diego Daniel Reynolds, Southern Methodist U. John Wise, Georgia Tech

TULLY GALAXY CATALOGUE

Brent Tully, University of Hawaii

MILKY WAY ANALOGUE ISOLATED DISK GALAXY

Nathan Goldbaum, NCSA Mark Krumholz, Australian National University John Forbes

MILKY WAY PHOTOGRAPHIC PANORAMA

Axel Mellinger

MILKY WAY 3D MODEL

Advanced Visualization Lab, NCSA, University of Illinois
Based on image of M83 by David Malin, Australian Astronomical Observatory (AAO)

HIPPARCOS STAR CATALOGUE

Lennart Lindegren, Jean Kovalevsky, European Space Agency

SOLAR PLASMA INTERACTING WITH EARTH'S MAGNETIC FIELD

Homa Karimabadi, Mahidhar Tatineni and Vadim Roytershteyn, University of California, San Diego

GEOS-5 MODELED CLOUD SIMULATION

NASA/GSFC - Global Modeling and Assimilation Office (GMAO)

BLUE MARBLE NEXT GENERATION EARTH IMAGERY

Reto Stöckli, NASA Earth Observatory (NASA Goddard Space Flight Center)

HIMAWARI-8 SATELLITE IMAGERY

Japan Meteorological Agency

POPULATION DENSITY

NASA Earth Observatory, Socioeconomic Data and Applications Center (SEDAC) at Columbia University

NORTH AMERICAN ATLAS – ROADS

United States Geological Survey (USGS), Natural Resources Canada, Mexico National Institute of Statistics and Geography (INEGI)