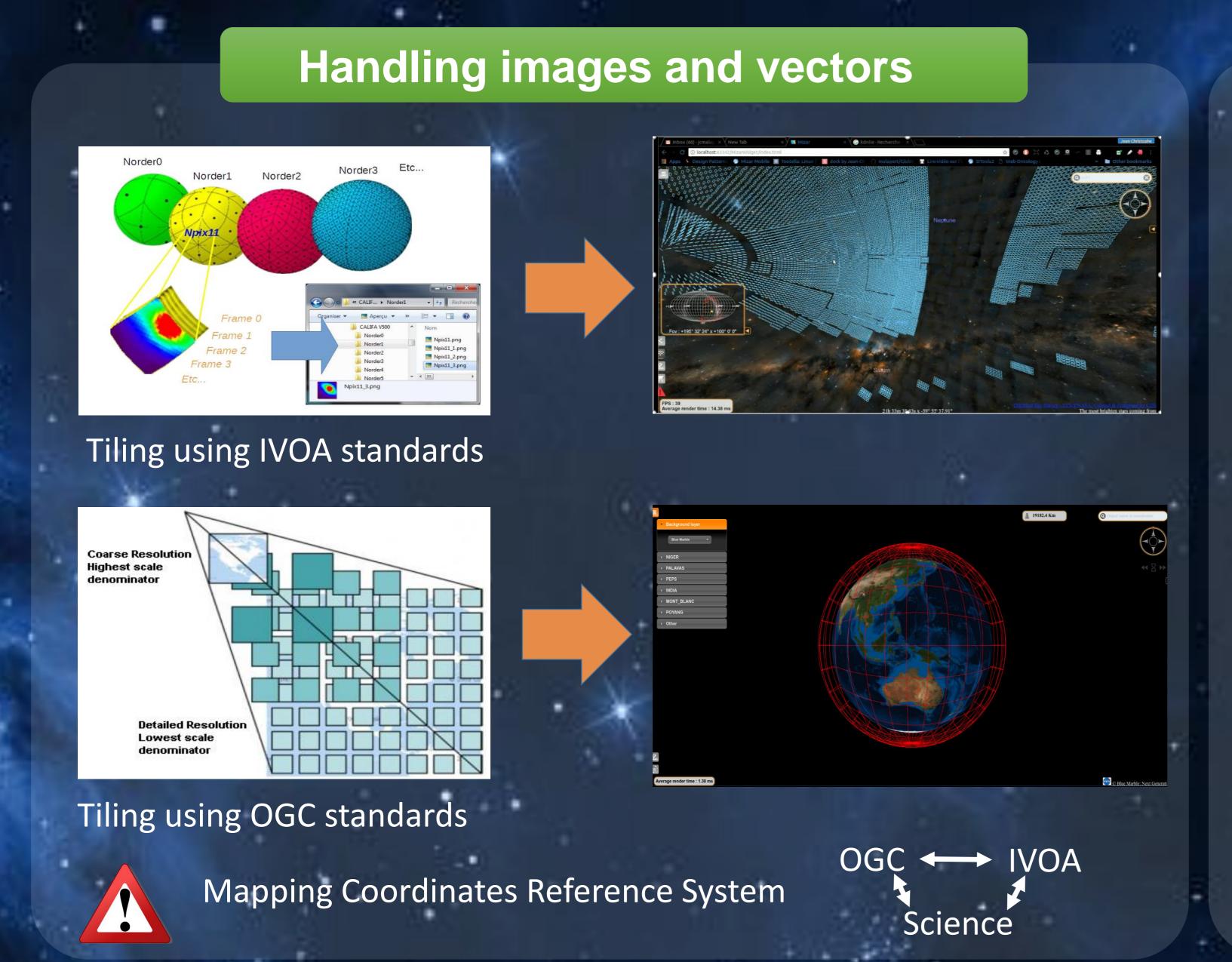


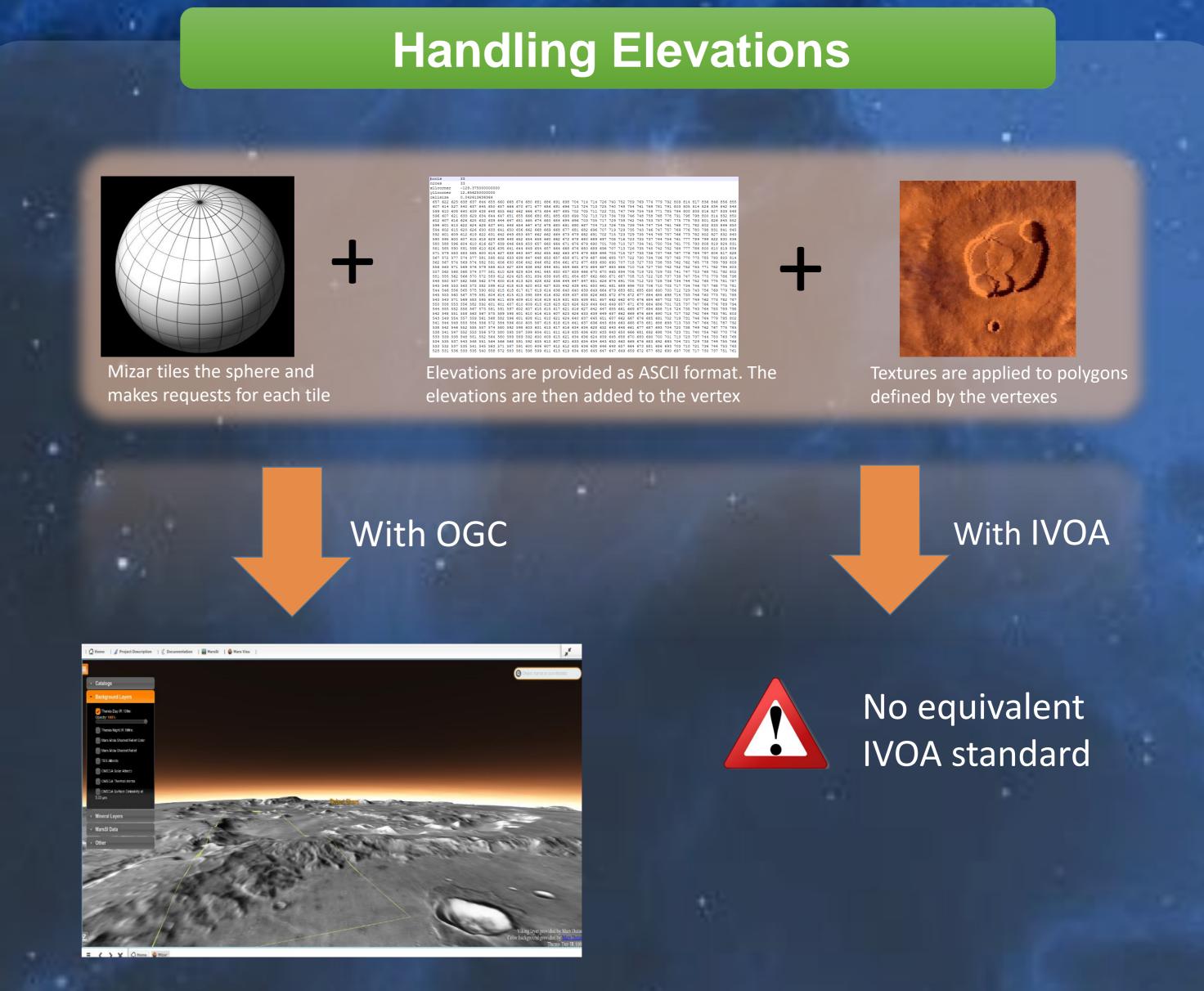
## MIZAR a GIS web application for planets and the celestial sphere

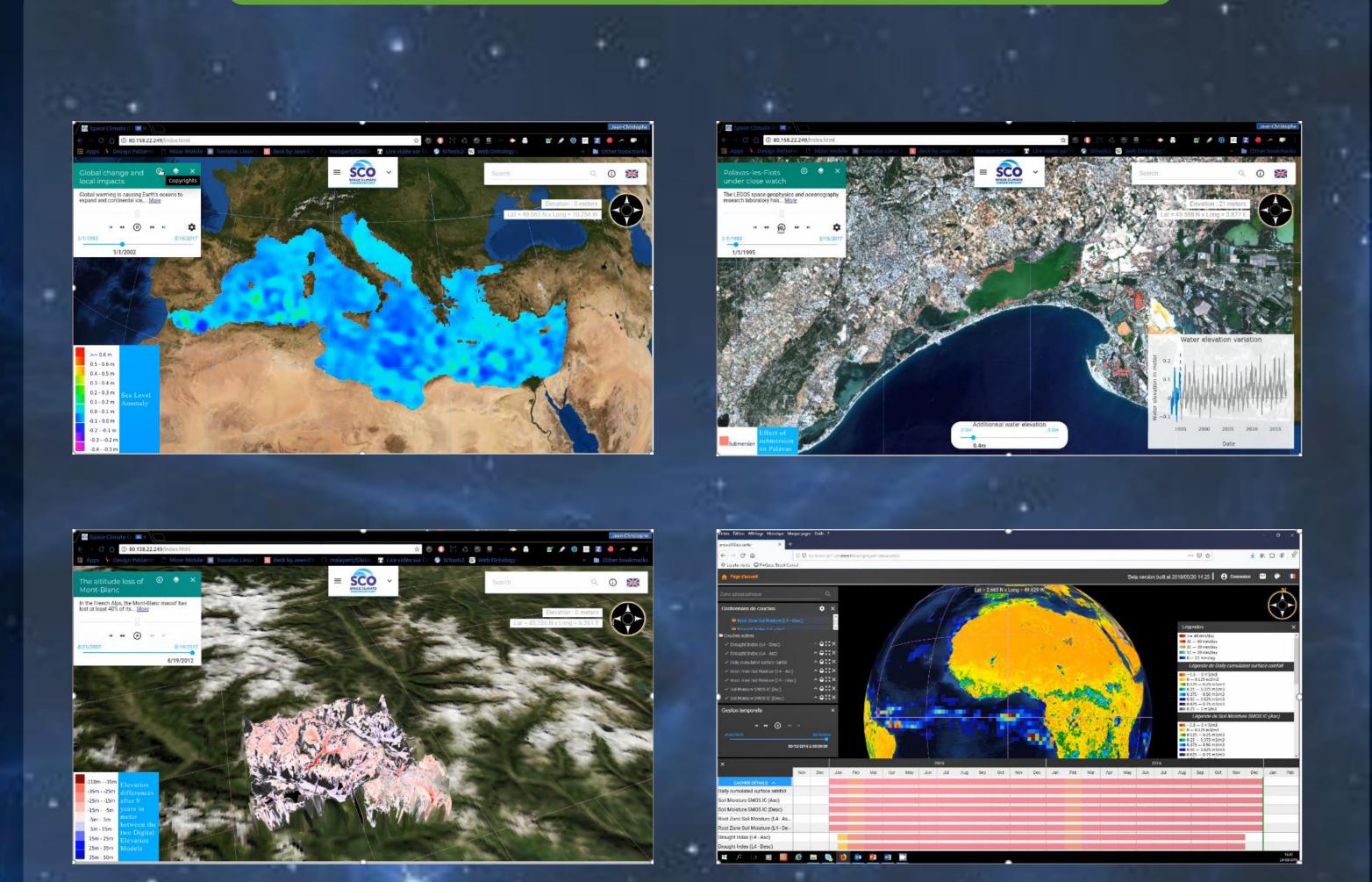


## Context

Mizar is an open-source, WebGL-based JavaScript library for visualizing rasters and vectors on celestial bodies models: planets and the celestial sphere. This library, developed since 2013 by CNES, has been used in several fields (climate monitoring, hydrological projects, exploration of Mars and the Moon, astrophysics/cosmology). These various implementations allowed the library to integrate new functionalities and to evolve its architecture. Currently, this library has been successfully integrated with CNES 'latest archiving system tool (REGARDS), which will allow Mizar to have a stable budget for development and maintainability.







**Examples for Earth Observation** 



**Examples for Astronomy**