

# "Migrating from Google Earth API to Cesium"

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## About me

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## Our works using Google Earth API & Cesium

- [Hiroshima Archive](#) - [Cesium Showcase](#) - [ABC\(Australian Broadcasting Corporation\)](#)
- [The Digital Archive of the Battle of Okinawa 1945](#)
- [Typhoon Realtime Watcher](#)
- [The East Japan Earthquake Archive](#) - [Ars Electronica](#)
- [Aceh Tsunami Archive](#)
- Some of them are displayed on [FOSS4G Map Gallery](#) - please vote them !

## Bad news from Google

- [Announcing deprecation of the Google Earth API \(December 12, 2014\)](#)

## Good news from open source community

- [Migrating from Earth to Cesium \(January 27, 2015\)](#)

## KML on Cesium

- [KML reference - Google Developers](#)
- [Google Earth API - Google Developers](#) (deprecated)
- [KmlDataSource - Cesium Documentation](#)
- [Cesium in 2015 - KML](#)
- [Hiroshima Archive on Google Earth \(demo\)](#)

- [Hiroshima Archive on Cesium using KML](#) (Data loading is very slow on smartphone !)

## CZML on Cesium

- [CZML Content - AnalyticalGraphicsInc/cesium Wiki · GitHub](#)
- [CzmlDataSource - Cesium Documentation](#)
- [CZML examples - Cesium Sandcastle](#)
- [Comparison of KML and CZML](#)
- [Hiroshima Archive on Cesium using CZML](#) (Data loading is fast on smartphone !)

## The merit of Cesium for Creators

1. Running on a web browser of PC and smart phone **without a plug-in**.
2. CZML is the format of the JSON base, so **web friendly**.
3. Time animation is impressive - [The Digital Archive of the Battle of Okinawa 1945](#).
4. Other functions are also impressive and [developed by OSS community](#), **day by day**.
5. **Including a large collection of open maps and terrain data.**
6. **It isn't limited by a specific enterprise, so "Voluntary Activity" friendly.**

*Work on the Hiroshima Archive has not stopped. We have an active community of volunteers that are constantly contributing their time to improve the accuracy of the existing data, process new material for inclusion, provide English translations, and even timestamping existing data so we can eventually provide a full timeline enabled experience. In this sense, [Hiroshima Archive is an open-source project, like Cesium, and we greatly appreciate that.](#) - [Hiroshima Archive: Cesium Showcase](#)*