

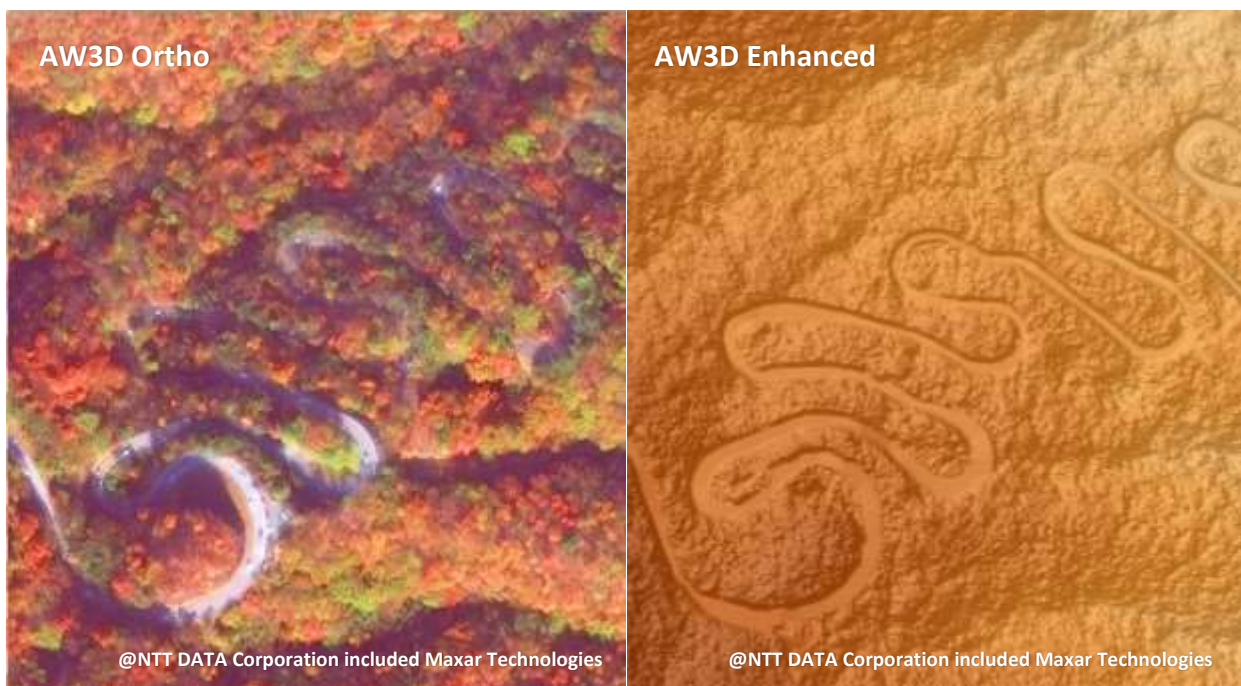


December 23rd, 2021

Welcome to the latest edition of the AW3D newsletter.

Today, we would like to introduce a use case of “dam-break and submersive wave study”, which is one of the flood simulations in the engineering and construction industry. In this market, the demand for satellite-derived DEMs (Digital Elevation Models created from satellite imageries) has been dramatically increasing in recent years, and we have received so many inquiries. Please take advantage of our AW3D products in your similar project as well.

1. 3D Map of the Month: Road flattening example of AW3D Enhanced



This is a road flattening example of AW3D Enhanced, comparing Ortho and DEM over Irohazaka Mountain Road, Tochigi, Japan.

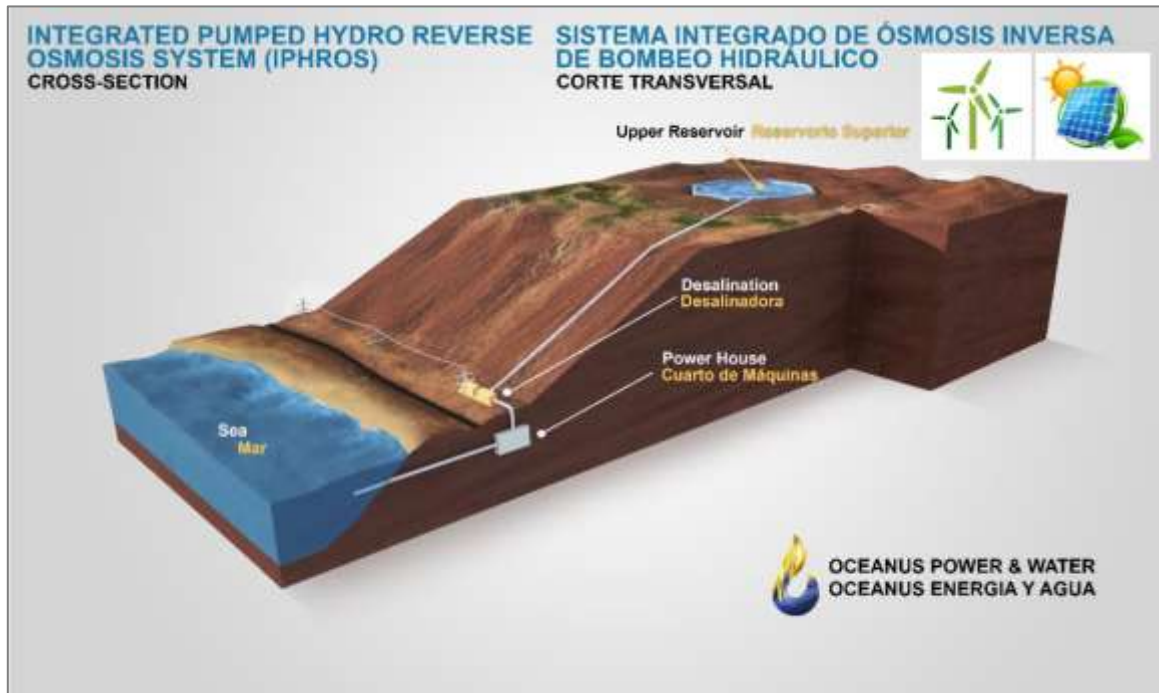
Sometimes, the fluctuations in height values on the road surface give some impacts on the design and simulation processes. The road flattening would help mitigate such effects. The processing is available as an option: the road area that can be recognized from satellite images.

As you can see in the Ortho image above, the roads are surrounded by trees, so that these trees are removed and the roads are flattened.

This is one of the reasons why AW3D products are chosen by customers in the engineering and construction market.

2. Safety design around the integrated pumped hydro reverse osmosis clean energy system in LATAM

Oceanus Power & Water, LLC



Oceanus Power & Water is an advanced company that provides an integrated system combining a pumping-up power plant, which stores power in the form of elevated water for driving turbines, and a desalination facility. This combination can dramatically reduce the cost of seawater desalination, which traditionally requires a lot of electricity, and at the same time contributes to clean water supply to the residents.

When planning the pumping-up power plant, safety design around the facility is critically important since... ([See more details here](#))

AW3D is expanding its use in this kind of advanced project – clean water supply project to the residents, in the field of engineering and construction, and is contributing to the sustainable development of the society.

If you are interested in our AW3D product, please contact us from our website at <https://www.aw3d.jp/en/contactform/> for more details.



© AW3D sales team – all rights reserved.

This email was sent from an unmonitored mailbox. If you wish to unsubscribe or change your email address, please click [here](#).

Your privacy is important to us. See [our statement of privacy \(PDF\)](#) to learn how to protect your information.