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Research and Development

The future The AquaRay range is designed with the future in mind. Wherever possible, new products will always be retro-compatible with your existing set up. Although the LED industry moves extremely quickly, your lights and controllers will work together whether they are old or new. In this way you can easily upgrade your lighting gradually, or perhaps continue to use your old kit with a newer controller. LED is a very fast-paced, exciting technology and Tropical Marine Centre



thrives on research and development.

could perhaps be adapted for aquarium use.

high quality products at affordable prices.

We have been involved with LED lighting since its introduction to the

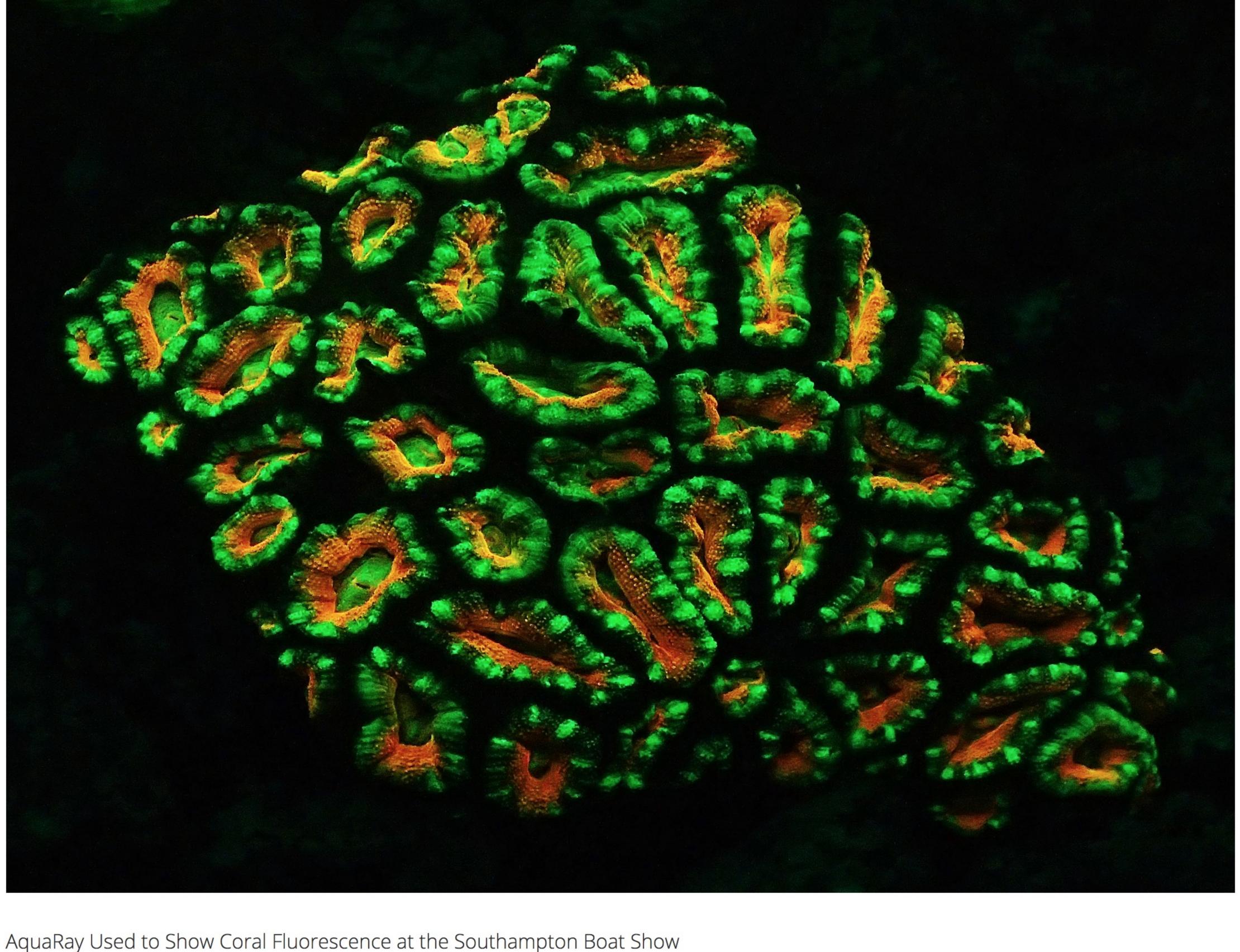
hobby in 2007 and we constantly look for new lighting technologies that

When they appear, our aim is to make them accessible to the hobby with

Because of this philosophy, AquaRay lighting is now one of the world's

most established and nonular aquarium LFD lighting brands and we look

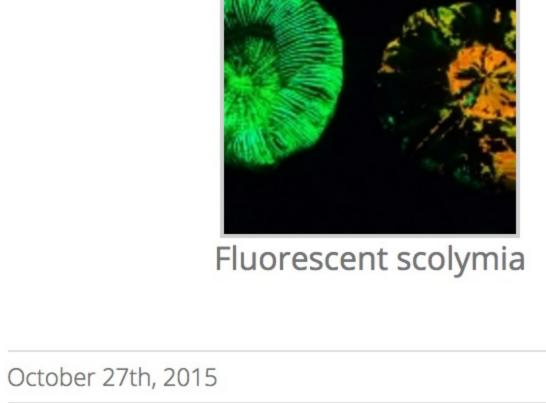
Research and Development Blog



Fluorescent acanthastrea

AquaRay lighting was chosen as the best form of lighting available to display coral fluorescence at the Southampton Boat Show back in September. The

people from the National Oceanography Centre at the University of Southampton created a great display and even used bacteria spliced with fluorescent



Fluorescent coral display

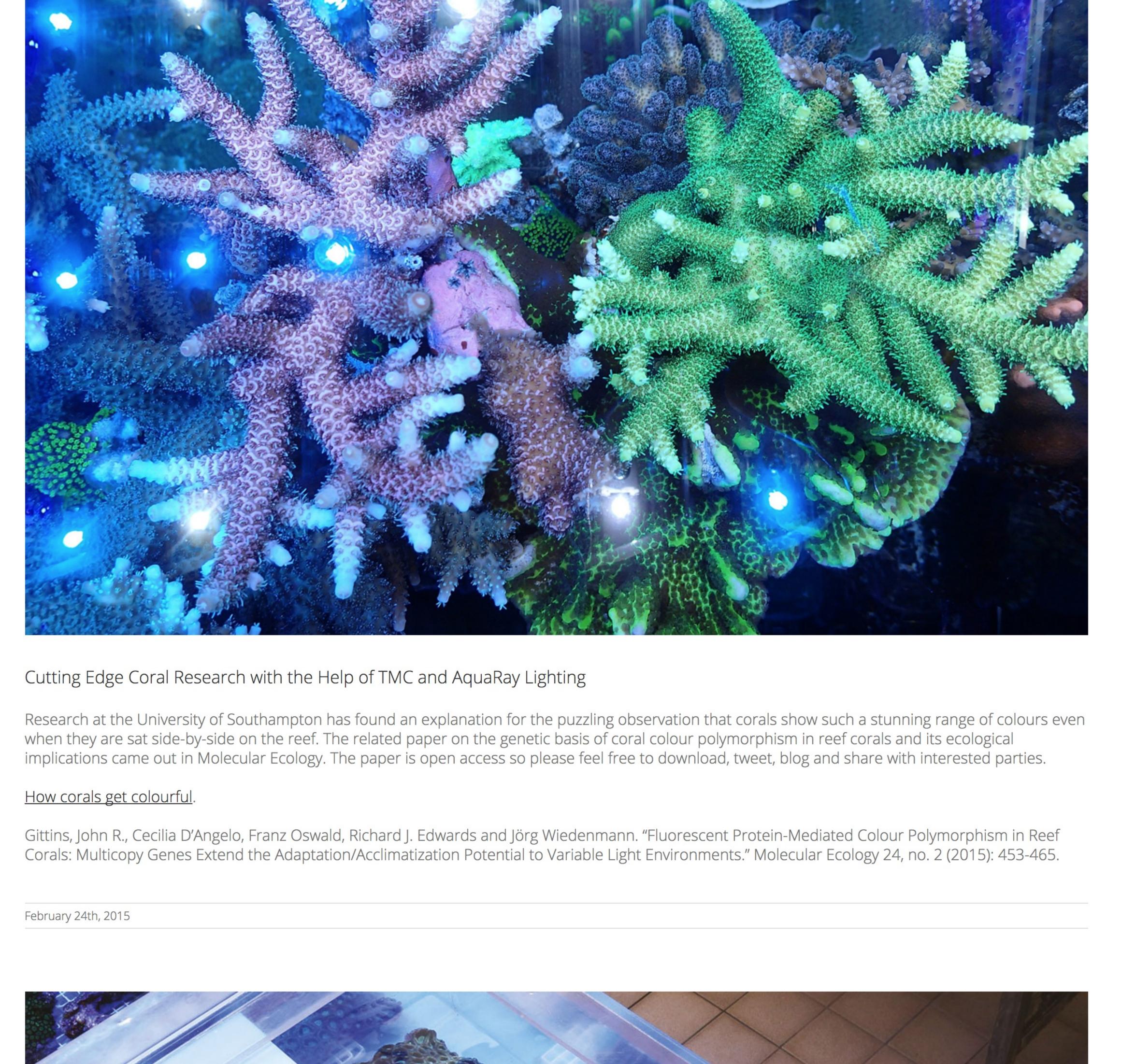
protein genes to create fluorescent art!!





Bacteria spliced with fluorescent protein gene

produced by NOCS



AquaRay lighting used in coral pigment research

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producing some excellent results, with new findings that potentially make big changes in the fields of reef keeping, propagation and conservation. You can find out more here.

The research programme that we are involved in with the Coral Reef Laboratory at National Oceanography Centre, University of Southampton, is

Developed by

February 9th, 2015



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