# **Topical Science Update**



### The Science of Extreme Weather

While the population of Texas battle with the aftermath of Hurricane Harvey 1000's of miles away India, Bangladesh and Nepal have been hit by the worst Monsoon in years.

In among the devastating human tragedy of these Natural Disasters scientists are working hard to understand extreme weather events, predict them more accurately and develop technology to save lives on the ground.

Birth of a Hurricane Anatomy of a Hurricane

Studying Hurricanes The Climate Change Link

What is a Monsoon? The Technology Response

**Practical Action** 

### What have wasps ever done for us?

A new citizen science survey aims to shed light on that fixture of summertime in the outdoors: the wasp.

Though much maligned, these fascinating creatures perform a vital ecological role, say scientists.

<u>The point of wasps</u> <u>A World Without Wasps</u> <u>All About Wasps</u>



<u>Cassini Timeline</u> <u>The Big Empty</u> NASA: Cassini at Saturn Grand Finale

### Cassini's Final Plunge

We covered Cassini's Saturn Mission in May's TSU but given that the mission ends on September 15<sup>th</sup> it seems worth mentioning again!

The mission will finish in spectacular style with Cassini plunging into the surface of Saturn

### **Eclipse Spectacular**

A Total Solar Eclipse is one of the most rare and spectacular natural events. The 2017 Solar Eclipse across the USA didn't disappoint. Don't worry if you missed NASA's live coverage you can still be awestruck by the event.



<u>Veritisium</u> <u>Best of the 2017 Eclipse</u>

## Tomorrow's World – The Big Debates

Have we already trashed space?
What's the future of electric cars?
Can hacking my brain give me an extra sense?



Tomorrow's World has brilliant stories to promote scientific debate in your class.