The Marrakesh Meet (COP-22)

CLIMATE CHANGES EVERYTHING

Leading international scientists have reported that climate change affects everything – tiny genes to entire ecosystems.

the Vision,

WARMING WARNING

82% key ecological processes – genetic diversity and migration patterns — are being altered by global warming, a study in the journal Science reported

94 Ecological processes that underpin the functioning of healthy ecosystems studied

Land and oceans are being affected, even though temperatures have risen just about 1°C over pre-industrial times from fossil fuel burning

WHAT IS CHANGING	NATURE WON'T NURTURE	NOW, IT'S DANGEROUS
Individual genes are changing, significant shifts in species' physiology and physical features such as body	The study showed that the more ecosystems change, the less likely they may be to guard us against the harshest effects of climate change	These changes will affect humans by causing disease outbreaks, inconsistent crop yields and threatening food security, the researchers
size are being observed and species are moving	Unhealthy forests won't be able to sequester carbon	said People depend on
to entirely new areas, according to Brett	Increasingly warm oceans won't act as an effective buffer against temperature rise Climate-related floods, sea-levels rise and cyclones will get worse	healthy ecosystems for food and clean water
Scheffers, member of the International Union		The researchers also pointed out the changes they are seeing now were earlier not expected for decades
for Conservation of Nature Climate Change Specialist group		

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