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Scientists prove the	Similar	
geochemical origin of part of the CO2 emissions in semiarid climate	geochemical. Medit temperature, vegeta S	POPULAR ARCHIVE
Science Centric 12 April 2008 19:40 GMT	CinemaDNG	itiative to develop oration announces new
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The implementation of the Kyoto Protocol has raised, among other pressing matters, to know the annual levels of carbon in different earth's ecosystems. Scientists connec CEAMA-Andalusian Centre for the Environment (University of Granada-Andalusian C these levels in semiarid Mediterranean scrubland, situated in Eastern Andalusia, who comparable to wide regions of the world.	the need of getting cted with the ouncil) are studying se results are	eap, power savings on a drifting ice floe d for ESA's Sentinel-3 satellite over a new form of optical s and Microsoft collaborate on / system-on-a-chip
These researchers have analysed for the first time the CO2 level in carbonated semial interest of the work lies in the knowledge of the CO2 production processes and their a conservation of one of the richest ecosystems of Spain.	absorption and in the <u>More</u> recent stories	e to be chaired by Dr Pat Frain ptile named for Calgary
One of the most recent studied on the subject is the doctoral thesis 'CO2 interchange atmosphere and Karst ecosystems: Applicability of the commonly applied techniques, Serrano Ortiz and led by Doctors Andrew S. Kowalski and Lucas Alados Arboledas.	,' read by Penelope mine	being unearthed at Syncrude detects powerful stellar
The work, supported by the 'Carbon and water balance in Mediterranean thicket ecos Effect of the climatic change' project, has permitted to quantify and identify the process carbon annual balance in a semiarid carbonated substrate ecosystem, situated in Sie (Almeria). After three years of observation of this ecosystem (2004-2006), through the advanced techniques (attached photo), have permitted to estimate the annual carbon balance of this type of ecosystem has been checked for the first time, revealir CO2 drain which assimilates approximately 25 g C m-2 a year (between 10 and 20 tim arable land and tree ecosystems respectively).	systems in Andalusia: First organic m sses involved in discovered with erra de Gador Two new plane e use of the most solar system b balance. The Earth's ecosys ng that it acts as a hundreds of minipage	ets discovered in a faraway tem has been complex for
What is the meaning of this in an area characterised by a scrubland vegetation and a now, when it came to devise measures to prevent climatic change, they used to value especially; that is the origin of the emphasis made in the reforestation and forestation agricultural land. But little attention had been paid to other ecosystems, such as the the biological diversity of the Mediterranean ecosystems gathers together).	a tree ecosystems of neglected Cassini finds a hicket ecosystem ere a great part of forms during m	Ik between whales and their cestors discovered I, transparent, but it is plastic n underground ocean on Titan I how nuclear membrane litosis solved safety efforts mark fifth
In that respect, besides defining the CO2 assimilation capacity of the studied thicket a thesis has proved how rain distribution conditions the functional nature of the studied the duration of the drought period and, therefore, the water content, determinates the geochemical emissions, through soil ventilation.	area, Serrano's anniversary of ecosystem and how duration of the CO2 20,000 years Odyssey orbite	RI nightclub fire ited New World's doorstep for er has found evidence of salt
It proves that CO2 production is not only related to vegetation, but also to geochemic increase in dry seasons.		rpion was bigger than man e first European discovered in
The hypothesis formulated in this work - says Serrano - is that the emissions are a conventilation phenomenon of the carbonated system's macro-pores, which appear to be wind speed. In this line, certain studies on degasification phenomenon in caves and the interchanges with the atmosphere, carried out by Sergio Sanchez Moral and Soledad (Spanish Museum of Natural Sciences, CSIC) in the Altamira Cave, endorse the theo CO2 geochemical flows in ecosystems situated in karst substrate.'	onsequence of a Gulf Stream les e connected with urbulent CO2 2007 I Cuezva Robleno – II III IV V VI VII VII	aves its mark seven miles
CO2 is one of the main greenhouse gases which contributes to the rise of earth's tem Ortiz's study is the first one focused on carbonated semiarid ecosystems and has pro CO2 drains, due to the action of the thickets, and as CO2 geochemical generators in (especially worrying if we reach the temperature rise predicted by climatic change mo	nperature. Serrano ved that they act as dry periods	
His work provides data of C (carbon) flows in key ecosystems for biodiversity conserv the negotiations related to CO2 emissions.	vation, as well as for	
Source: Universidad de Granada		

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