FisMatEcol Boletin

Ene 2023

Dr. Oliver López Corona Dra. Elvia Ramírez Carrillo



Eventos

COMPLEXIS 2023

8th International Conference on Complexity, Future Information Systems and Risk

PRAGUE, CZECH REPUBLIC

22 - 23 APRIL, 2023

UPCOMING SUBMISSION DEADLINES

Position/Regular Paper Submission: January 19, 2023 Doctoral Consortium Paper Submission: March 1, 2023

Abstracts Track Submission: March 1, 2023

(See Important Dates for more information)

COMPLEXIS — The International Conference on Complexity, Future Information Systems and Risk, aims at becoming a yearly meeting place for presenting and discussing innovative views on all aspects of Complex Information Systems, in different areas such as Informatics, Telecommunications, Computational Intelligence, Biology, Biomedical Engineering and Social Sciences. Information is pervasive in many areas of human activity — perhaps all — and complexity is a characteristic of current Exabyte-sized, highly connected and hyper dimensional, information systems.

CONFERENCE AREAS

- 1. Complexity in Informatics and Networking
- 2. Complexity in Biology and Biomedical Engineering
- 3. Complexity in Social Sciences
- 4. Complexity in Risk and Predictive Modeling
- 5 . Complexity in AI/Edge/Fog/High-Performance Computing



Curiosity, Creativity and Complexity

2023 Conference

COLUMBIA | Zuckerman Institute

ESA for All Ecologists

The field of ecology has much to offer in addressing pressing ecological problems at all scales. Ecologists working in the private sector (e.g., as consultants, for industry, or in NGOs) and public sector (for resource management agencies or regulatory bodies) are the professionals most responsible for transferring ecological science to effectively manage, conserve, and restore species and ecosystems. The ESA annual meeting provides a tremendous opportunity to engage private- and public-sector ecologists with academic ecologists who generate the science; however, this opportunity has historically largely been missed due to a lack of programming that would attract non-academics. This year's theme seeks to help create an ESA for All Ecologists by providing programming and inviting sessions that better engage private- and public-sector ecologists by highlighting projects that are implementing ecological science, collaborating across sectors, educating future scientists and decision makers, and disseminating basic and applied ecology research to those who need it most.



February 23, 2023

Submission Deadline – Abstracts

Oportunidades

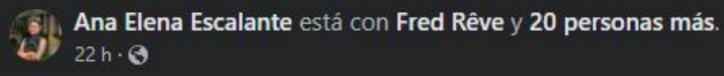


Earth and Environmental Science Facul... @earth... · 30 ago. 2022

The 2022-2023 Earth and Environmental Science Jobs List is now available! Good luck to everyone out there on the job market this year!

docs.google.com/spreadsheets/d...





Postdoc opportunity...

To work on soil biodiversity atlas project at UNAM. Interdisciplinary group.

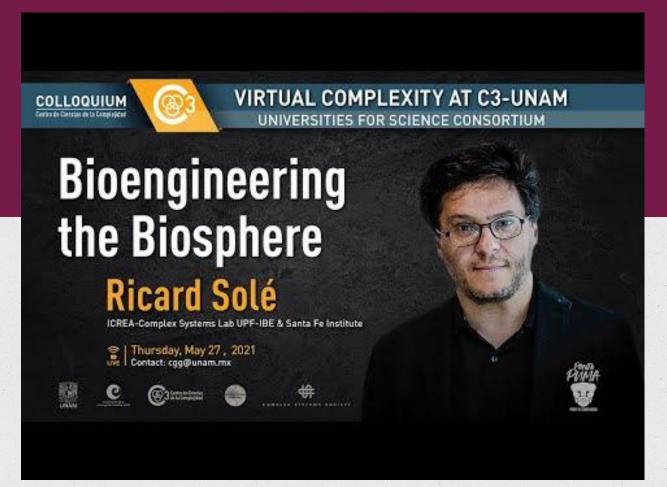
Starting date: February 2023, one year contract and possible to extend for one more year. Monthly salary: 1.6K USD. Mexico City based.

Requires good publication record on microbial diversity analyses, meta-analyses and good science communication skills and team work oriented.

For more information, aescalante@iecologia.unam.mx

Conceptos

Terraformación



Tecnoceno



published: 30 June 2020 doi: 10.3389/fevo.2020.00214



It Is Not an Anthropocene; It Is Really the Technocene: Names Matter in **Decision Making Under Planetary** Crisis

Oliver López-Corona 1,2* and Gustavo Magallanes-Guijón 3*

Cátedras CONACyT, Comisión Nacional para el Conocimiento y Uso de la Biodiversidad (CONABIO), Mexico City, Mexico, Centro de Ciencias de la Completidad (C3), Universidad Nacional Autónoma de México, Mexico City, Mexico. Posgrado en Astrofísica, Instituto de Astronomía, Universidad Nacional Autônoma de México, Mexico City, Mexico

We do not understand what we see but see what we understand. Words shape the comprehension of our environment and set the space of possibilities we can access when decision making. In here we make the case for the use of Technocene instead of Anthropocene using well-grounded arguments in basic scientific principles. We already know that the Earth system has co-evolved with life phenomena (i.e., the evolution of atmosphere chemistry). What the Technocene idea makes clear is that as modern human societies exhibit an enormous coupling with technology and for the first time in human history that technology has the potential to modify the very core processes that drive Earth System dynamics, then Technology must be considered as a new dimension of analysis in the study of Earth system in its coevolution with life and particularly human beings.

Keywords: anthropocene, planetary crisis, decision making, precautionary principle, Technocene

OPEN ACCESS

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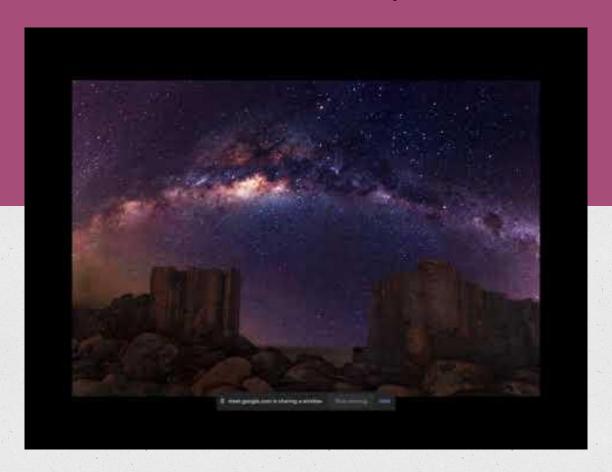
Cursos

Complejidad en Ecología, que nos puede decir la física sobre la salud de los ecosistemas.

Posgrado, 2021 Dr. Oliver López Corona, Cátedras CONACyT-CONABIO Investigador Asociado C3-UNAM

TEMAS SELECTOS, COMPLEJIDAD EN ECOLOGIA, QUE NOS PUEDE DECIR LA FISICA SOBRE LA SALUD DE LOS ECOSISTEMAS								
ENTIDAD ASIG GPO CUPO			PROFESORES				CORREO ELECTRÓNICO	
		4199 DR. OLIVER XAVIER LOPEZ CORONA				R LOPEZ CORONA	lopez <mark>oliver</mark> x@otrasenda.org	
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Lu y Mi de 10 a 12 hrs en línea IIMAS UNAM								
CAMPO DE CONOCIMIENTO:					ECO X			DESCARGA PROGRAMA
REQUISITOS: Antes de hacer la inscripción formalmente en SAEP, deberá confirmar con el profesor su lugar, así como los detalles de impartición del curso. OBSERVACIONES:								

Eureka, curso de física para todos



Cultura





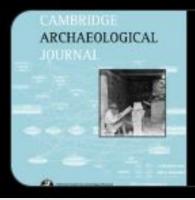


Oliver Lopez-Corona

@otrasenda_AC

If it holds... awsome

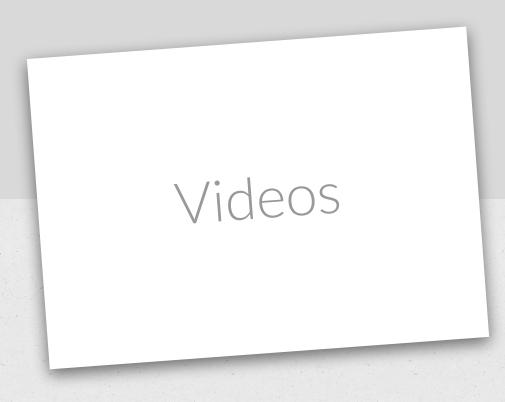
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An Upper Palaeolithic Proto-writing System and Phenologic...

An Upper Palaeolithic Proto-writing System and Phenological Calendar







VIRTUAL COMPLEXITY AT C3-UNAM

UNIVERSITIES FOR SCIENCE CONSORTIUM

The Space of Possible Minds Philip Ball

Friday, June 11, 2021

















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Notas

Whales could be a valuable carbon sink, say scientists

Date: December 15, 2022

Source: Cell Press

Summary: Nature-based solutions to fight climate change take a holistic approach that promotes

biodiversity and ecosystem preservation. While many efforts have focused on planting trees or restoring wetlands, researchers now also advocate for the importance of understanding the carbon sequestration potential of the planet's largest animals -- whales.

Researchers explore how these marine giants can influence the amount of carbon in our air and waters and potentially contribute to the overall reduction of atmospheric carbon

dioxide.